Env WRB

Ministry
of the
Environment

Ontario

Volume XIV

Water Quality
Data Series

Hon. Harry C. Parrott, D.D.S., *Minister*
Graham W. S. Scott, *Deputy Minister*

RECEIVED

[redacted]

C 2

WATER QUALITY DATA
ONTARIO LAKES
AND STREAMS
1978

Copyright Provisions and Restrictions on Copying:

This Ontario Ministry of the Environment work is protected by Crown copyright (unless otherwise indicated), which is held by the Queen's Printer for Ontario. It may be reproduced for non-commercial purposes if credit is given and Crown copyright is acknowledged.

It may not be reproduced, in all or in part, for any commercial purpose except under a licence from the Queen's Printer for Ontario.

For information on reproducing Government of Ontario works, please contact ServiceOntario Publications at copyright@ontario.ca

EV

D* $5.00
(6.5)

WATER QUALITY DATA FOR ONTARIO LAKES AND STREAMS
1978
VOLUME XIV

Water Resources Branch
Ontario Ministry of the Environment

ISSN 0709-9606
ISSN 0383-5472

All data in this publication have undergone rigorous checks for errors. However, some data may still be in question, in which case please contact the Hydrology and Monitoring Section, Water Resources Branch, Toronto (965-6995).

CONTENTS

Page

INTRODUCTION.. v

INTERPRETATION OF DATA

A. Analyses and Measurements Conducted at the Sampling Site.................................. vii

B. Bacteriological Examination..................... xi

C. Chemical and Physical Analyses.................. xii

D. Radiochemical Analyses.......................... xxviii

STATION IDENTIFIER CODES, MILEAGES & ABBREVIATED PARAMETER HEADINGS... xxxi

OTHER ABBREVIATIONS................................... xxxv

REMARKS.. xxxvi

SAMPLING STATION DIRECTORY (ALPHABETICAL INDEX).......... xxxvii

WATER QUALITY DATA..................................... 3

FIGURES Page

1. Regions and Offices in Ontario - Ministry of the Environment.................................... vi

2. Southern Ontario Terminal Basins..................... viii

3. Northern Ontario Terminal Basins..................... ix

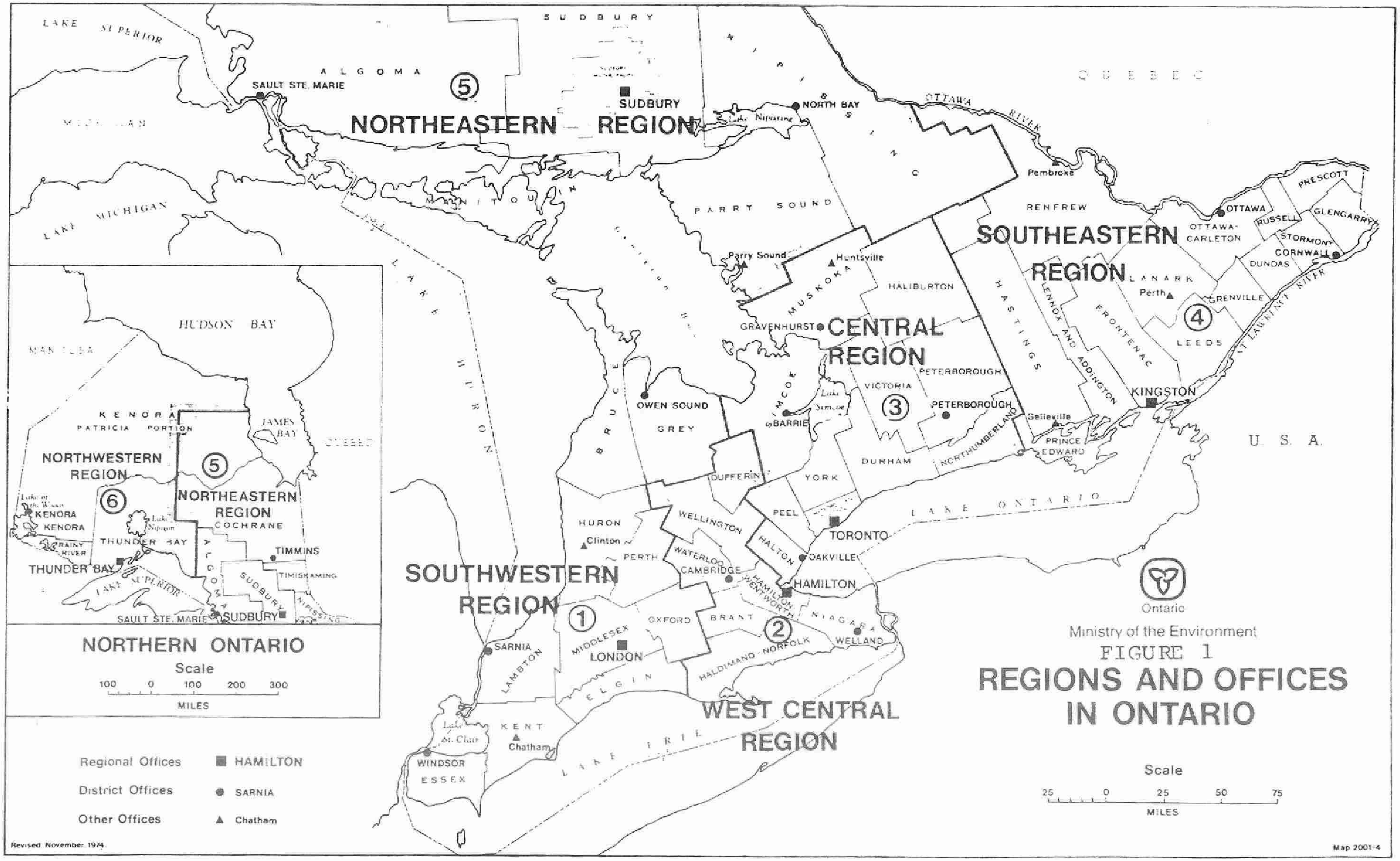
INTRODUCTION

"Water Quality Data for Ontario Lakes and Streams," Volume XIV, 1978, is one of an ongoing series published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment units of this Ministry's six Regional Offices (Figure 1) with the assistance of numerous local Conservation Authorities. Compilation and publication were performed by the Hydrology and Monitoring Section of the Water Resources Branch. The data result from a routine sampling program designed to provide a long-term record of water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively, the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario's rivers and lakes.

Samples were analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci and Pseudomonas aeruginosa; concentrations of biochemical oxygen demand, total phosphorus, filtered reactive phosphate, filtered ammonia, total Kjeldahl nitrogen, filtered nitrite and nitrate forms of nitrogen; total, suspended and dissolved solids; levels of conductivity and turbidity; concentrations of chlorides, sulphates, unfiltered



Ministry of the Environment

FIGURE 1

REGIONS AND OFFICES IN ONTARIO

reactive silicates, acidity, alkalinity; units of pH; concentrations of total iron, phenols, hardness, calcium, magnesium; units of colour; concentrations of potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.

The water quality monitoring program commenced in July 1964 in Southern Ontario and currently consists of a total of 831 stations throughout Ontario. The following maps (figures 2 and 3) show the Southern and Northern Ontario Terminal Basins which are used to identify the sampling station locations. Definitions or brief descriptions are provided for the more common parameters of pollution under the section entitled Interpretation of Data.

INTERPRETATION OF DATA

On the following pages the parameters measured in the Inland Water Quality Monitoring Program are defined. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Water Management, Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment, November, 1978".

A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:

1. Stream dry
2. Frozen to stream bed

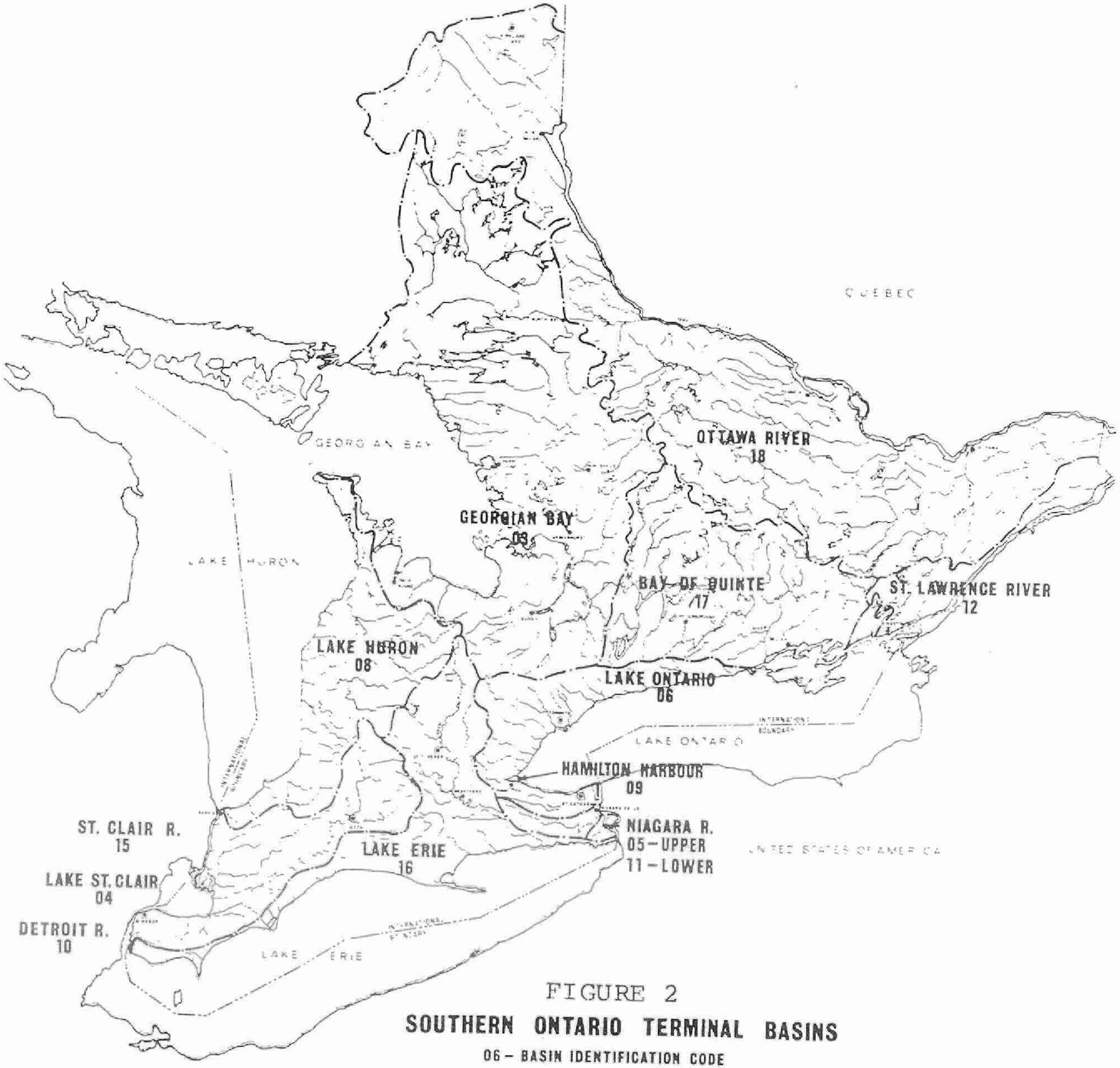


FIGURE 2

SOUTHERN ONTARIO TERMINAL BASINS

06 – BASIN IDENTIFICATION CODE

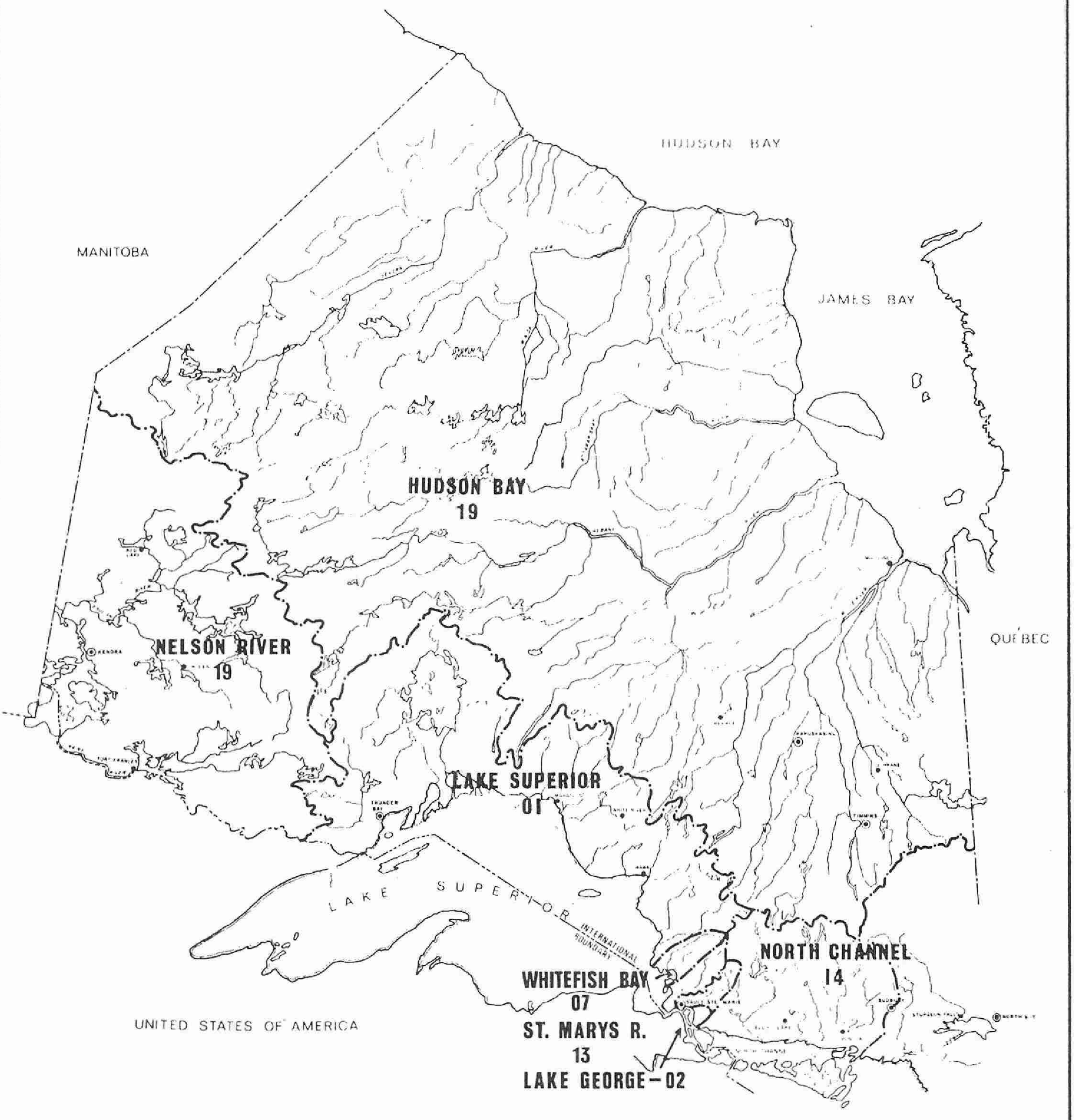


FIGURE 3
NORTHERN ONTARIO TERMINAL BASINS
19 – BASIN IDENTIFICATION CODE

3. Stream in flood condition
4. Sampled through ice
5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal weed growth
9. Oil scum or floating matter
10. Objectionable odours.

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point. Streamflow is also a useful reference when comparing water quality data for different periods of the year (e.g. spring flood vs summer drought).

Flows in many of the streams sampled are measured by the Canada Department of Fisheries and Environment - Water Survey of Canada. In a number of other instances, they are obtained by Ontario Ministry of the Environment personnel.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g. dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life.

Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. BACTERIOLOGICAL EXAMINATION

Total Coliform

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and fecal mattter, and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Results are reported as MF count per 100 ml of sample.

Background Count

The background count estimates the number of organisms, other than coliforms, that occur in the total coliform analysis of a sample. The results are used in the interpretation of total coliform counts. High background counts are generally indicative of poor water quality.

Fecal Coliform and Fecal Streptococcus (Enterococcus) Organisms

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals.

C. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential effects of pollutants on the concentration of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD_5) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at 20^oC.

Total Phosphorus

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. This element is commonly found in nature in the form of inorganic phosphates and organically bound phosphorus. Total phosphorus includes orthophosphate, condensed phosphates and organically bound phosphorus in both the dissolved and particulate form. Untreated or treated sewage, some industrial wastes and agriculatural and urban drainage contain significant concentrations of phosphorus.

Although there is no firm criterion for phosphorus, it is generally considered that to prevent biological nuisances, total phosphorus should not exceed 0.03 mg/l in a flowing stream or 0.020 mg/l where waters enter a lake or standing body of water.

Filtered Reactive Phosphate

Filtered reactive phosphate is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolized phosphate primarily in the dissolved form.

Filtered reactive phosphate is generally considered to be readily available for aquatic plant growth.

Filtered Ammonia Nitrogen

Filtered ammonia nitrogen (ammonia NH_3 + ammonium NH_4^+) is the soluble product in the anaerobic decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia nitrogen may be taken out of the atmosphere by rain water.

Rivers which are considered unpolluted generally have filtered ammonia levels of less than 0.1 mg/L.

Total Kjeldahl Nitrogen

Total Kjeldahl nitrogen is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl nitrogen concentration, less the ammonia nitrogen concentration, gives a measure of the organic nitrogen present.

Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization. In unpolluted rivers, the normal range for total Kjeldahl nitrogen is 0.1 to 0.5 mg/L.

Filtered Nitrite

Nitrite is an intermediate oxidation product of ammonia and also an intermediate form in the denitrification process from nitrate to nitrogen gas. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present).

Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate is the end product of the stabilization of organic nitrogen which occurs primarily through aerobic biochemical processes. Nitrate is usually found in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in watercourses intercepting drainage from fertilized agricultural areas.

Nitrogen in the form of nitrate is readily utilized by aquatic plants and algae. In unpolluted rivers, the nitrate nitrogen concentration is generally less than 0.5 mg/L.

Inorganic Nitrogen

Inorganic nitrogen is a calculated value and represents the sum of the concentrations of filtered ammonia nitrogen and filtered (nitrate + nitrite) nitrogen.

Organic Nitrogen

Organic nitrogen is a calculated value and represents the difference of the concentrations of total Kjeldahl nitrogen and filtered ammonia nitrogen.

Total Nitrogen

Total nitrogen is a calculated value and represents the sum of the concentrations of total Kjeldahl nitrogen and filtered (nitrate + nitrite) nitrogen. Nitrogen is a common constituent of decomposition products, treated sewage, fertilizers and industrial discharges. Nitrogen compounds are present in most plant and animal materials.

Solids

Total, suspended and dissolved solids are presented as separate parameters in this report. The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics. Suspended solids can also transport significant quantities of organic and inorganic trace contaminants.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimetre. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity.

Conductivity serves as a control parameter and is an excellent indicator of water-quality changes since it is relatively sensitive to variations in dissolved-solids concentrations.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light.

Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. Often some of the suspended matter has to be removed to prevent interference with disinfection processes and abrasion to equipment. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharge, municipal storm drainage, road salting, and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition to imparting an objectionable taste to water, high chloride levels are responsible for increased corrosiveness of water. Furthermore, chloride, being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under

Calcium

Calcium is relatively abundant in the earth's crust and readily soluble in water so that calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and may be contained in sewage and industrial wastes.

Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water. The calcium ion is a major contributor to hardness and is often responsible for boiler scale deposits on cooking utensils and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulfite waste liquors. It may also be affected by atmospheric inputs.

Acidity is best interpreted in conjunction with the pH and alkalinity, as well as any other analyses which identify the acidic components of water.

Filtered Alkalinity

Alkalinity is a measure of a water's capacity to neutralize an acid. The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrene method. The results are reported in micrograms per litre. Phenols are present in waste flows from many industrial processes and may also be released from aquatic plants and decaying vegetation.

Depending on the concentration, the presence of phenolic compounds may be toxic to fish, or may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Water hardness relates to a water's capability to produce lather from soap. The higher the hardness, the less lather will be formed. Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters; excessive soap consumption in home and commercial laundering; and adverse affects in textile, plating and canning industries.

Results appear under either the heading "Hardness" or "Calculated Hardness", depending on the anlaytical procedure. The former results are obtained through titration with EDTA (ethylenediaminetetra- acetic acid), the latter by calculation from magnesium (Mg) and calcium (Ca) results determined by AAS (Atomic Absorption Spectrophotometry).

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices. Waters with high alkalinity are undesirable because of their associated excessive hardness.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25°C.

The pH is important in determining the treatment of water supplies.

Magnesium

Magnesium is an abundant element and a common constituent of natural waters. Magnesium ranks with calcium as a major cause of hardness.

The effects of magnesium in water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds, and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from anaeorbic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

High concentrations (between 150 and 500 mg/l) in drinking water may be cathartic to humans.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric acid, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics, abrasives, enamels, petroleum products, etc.

In concentrations found in natural or treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms.

The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Silicon (Si). Data in this series of publications prior to 1975 were reported as Silica (SiO_2).

Total Iron

Iron is one of the most abundant elements in the earth's crust and it is a constituent of many industrial wastes.

When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates), ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life. Iron in water may also result in the growth of iron bacteria causing unpalatable tastes, discolouration of clothes and plumbing fixtures, and the formation of scales in water mains.

industries, such as steelworks, mining, refining, pulp and paper, chemicals, and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable from aesthetic considerations.

Potassium

Potassium occurs in many minerals and potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaportion.

Although in limited concentrations potassium is an essential nutrient, excessive amounts of certain potassium salts in drinking water have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium and magnesium ions for sodium. Sodium is also found in many industrial process effluents, domestic wastes and salts used in road de-icing.

The presence of sodium salts in drinking water may present a health hazard to a person with circulatory, renal and cardiac problems and may cause digestive problems in animals and otherwise healthy human beings. Concentration of salts such as sodium chloride impart objectionable tastes and may render water unpalatable.

Total Organic Carbon (TOC)

Total organic carbon (TOC), the most significant carbon measurement from a water-quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon usually has a direct relationship with Biochemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD) values, but the relationship varies with the composition of the organic material present. The carbon tests are rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, and greases, resins, etc. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic may occur to a small extent naturally, mostly as sulphides and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream of wastewater discharges from metal smelting operations.

Arsenic is very toxic to humans and the trivalent forms are largely retained in the body tissues. Low concentrations of arsenic stimulate plant growth but higher concentrations destroy chlorophyll in the foliage.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS. Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is cumulative and toxic to humans, and can be concentrated and transferred up the food chain to a point where commercial and game fish may become unsuitable for human consumption. Micro-organisms can methylate inorganic mercury under both aerobic and anaerobic conditions to produce a more toxic substance.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Aluminium in a public water supply is not considered a public health problem, since no evidence has been found to prove that aluminium in water supplies is harmful to human beings.

Chromium

Few waters contain chromium from natural sources since chromium is generally present in rocks and soils as insoluble chromic oxide which is strongly sorbed to particulate matter. Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminium, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other substances. Chromic or chromite salts on the other hand, are used much less extensively being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of the foregoing industries or may be discharged in chromium-treated cooling waters where the chromium is used as a corrosion inhibitor.

There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis. Both the chromic and chromate ions are toxic to plants and interfere with the uptake of essential elements.

Copper

Copper salts occur in natural surface waters in trace concentrations and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth and in the treatment of soils as a fungicide and a pesticide.

Copper compounds are toxic to plants and aquatic life. Prolonged ingestion may cause liver damage in man.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust. Certain lead salts, such as acetate and chloride, are readily soluble. However, lead which occurs in the carbonate, hydroxide and sulphate forms is sparingly soluble and will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably. Studies on fish indicate that in water containing lead salts, a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation. The toxic effects of lead on fish decreases with increasing hardness and dissolved oxygen.

Total Cadmium

In the elemental form, cadmium is insoluble in water. It occurs in nature largely as a sulphide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are cumulative and highly toxic to man having been implicated in some cases of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea. Cadmium affects reproduction in fish and zooplankton; however, the toxic effects vary with species and time of exposure.

Total Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension.

Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply. Zinc is toxic to aquatic organisms and its toxicity decreases with increasing hardness.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and chloride salts of manganese and is leached, along with iron, into ground and surface waters. Its presence like iron, may indicate domestic or industrial pollution.

Water with high manganese content is undesirable for its taste, colour and tendency to form deposits on cooking utensils.

Total Nickel

Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Contact with nickel salt solutions may result in dermatitis and repeated inhalations of nickel compounds can cause lung cancer. Levels of 0.1 mg/l have been reported to adversely affect plant life.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may naturally occur in detrimental concentrations in ground waters.

A condition known as "mottled enamel" (dental fluorosis) may occur when the concentration of fluoride ion in drinking water is in excess of 1.0 mg/L; however, small quantities have proven to be beneficial in reducing tooth decay. Excess concentrations affect animal breeding efficiency and may have detrimental effects on some plants.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning of various metals, and in electroplating processes and other chemical industries.

Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobaltite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animal and plant nutrition. It is known to be one of the main constituents of Vitamin B_{12}. Adverse effects due to cobalt are very slight even at high concentrations. No limits have been set on the maximum acceptable concentration for cobalt in domestic water supplies.

D. RADIOCHEMICAL ANALYSES

All elements are made up of atoms, each of which consists of a central nucleus surrounded by a number of electrons. Some nuclei are radioactive; they emit excess energy in the form of ionizing radiation as a result of nuclear disintegrations. The three types of ionizing radiations which are of principal interest in environmental studies are referred to as alpha, beta and gamma radiations.

1. Alpha rays are streams of fast moving helium nuclei. These are particles which can travel only a few centimetres in air and can be stopped by a sheet of paper or a layer of skin.

2. Beta rays are streams of fast moving electrons which are very much lighter than helium nuclei. The maximum range of most common beta rays is a few metres in the air or one to two centimetres in the human body.

3. Gamma rays are highly penetrating electromagnetic radiation of the same family as radio waves and x-rays. Like x-rays, gamma mass rays can pass right through the human body.

The number of nuclear disintegrations occurring in a substance per second is a measure of its radioactivity. The unit of radioactivity used in this report is the curie (Ci). One curie of radioactivity is defined as 3.7×10^{10} disintegrations per second (dps). Thus, one microcurie equals 3.7×10^{4} dps, and one picocurie equals 3.7×10^{-2} dps, or 2.22 disintegrations per minute. Radiological half life is the length of time required for one half of the unstable atom to disintegrate or change (ie. radioactive decay).

Exposure to radiation is characterized by the transfer of energy to molecules of the cells which make up body tissues and organs. This can affect the normal function of the cells, resulting in damage to the tissues and organs. Exposure to the small doses of radiation which might be encountered in the environment will not result in immediate detectable damage; however, long-term effects may result. These effects are an apparently random occurrence of induced cancers and genetic defects in a small proportion of the exposed population. The numbers of effects induced are considered to be directly proportional to the amount of absorbed radiation.

Gross alpha

Gross-alpha is a measure of the total radioactivity of all the alpha emitting materials in a sample. Measurements of gross-alpha activity provide useful reference points to enable trends to be detected. However, the results cannot be used to determine radiation dose or health effects since the short range of alpha particles means that some will not be detected, thereby causing an underestimation of the total activity. Also, the alpha particles may be emissions from a mixture of materials that are radiologically and biologically different.

Gross-beta

Gross-beta is a measure of the total radiation of all the beta emitting materials in a sample. Measurements of gross-beta activity provide useful reference points to enable trends to be detected but cannot be used to determine radiation dose or health effects.

Radium-226

Radium-226 is a naturally occurring alpha-particle emitter formed from the decay of uranium-238 and has a radiological half life of 1602 years.

Uranium-total

Total uranium exists primarily as the isotope uranium-238 with less than 1% occurring as uranium-235. Uranium is a naturally occurring alpha-particle emitter which was formed at the same time as the earth (about 5×10^9 years) and is still present in significant quantities due to its extremely long radiological half-life (4.5×10^9 years).

Cesium-137

Cesium-137 is a beta-particle emitter formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-137 is readily absorbed and retained by biological systems. Its radiological half life is 30 years.

Cesium-134

Cesium-134 is a beta-particle emitter also formed as a fission product in nuclear weapons detonation and atomic reactor operation. Cesium-134 is of less importance than Cesium-137 as its radiological half-life is only 72 hours.

Cobalt-60

Cobalt-60 is primarily formed in atomic reactor operation due to the neutron activation of trace quantities of cobalt-59 found in steel. Insignificant quantities are also formed from nuclear weapons detonation. Cobalt-60 has a radiological half life of 5.3 years and emits both beta and gamma radiation.

STATION IDENTIFIER CODES, MILEAGES AND ABBREVIATED PARAMETER HEADINGS

Station Identifier Codes

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basin (see figures 2 and 3), the following four digits refer to the river basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

Mileages

The distance in miles is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

Abbreviated Headings

B.O.W.	body of water
STN NO	base station number
LAT	latitude (not applicable)
LONG	longitude (not applicable)
U.T.M.	Universal Transverse Mercator Grid
SAMP DTE DY MO YR	sample date; day, month, year
HOUR LMT	hour(s) local mean time (2400 hour clock)
STN DIST FEET	distance from base station (in feet) (not applicable)
STN BRG	bearing of sampling point (deg N) from base station (not applicable)
SAMP DEPTH MTRS	sample depth (in metres)
PJ	project (not applicable)

Abbreviated Parameter Headings

The numeric codes appearing with the parameter headings are a series of unique numbers used for computer processing. Each number identifies a particular water quality parameter and analytical procedure.

Abbreviation	Parameter
934 SAMPLE NO	MOE sample designation code
901 SCD	stream condition
444 FLOW CFS	streamflow (in cubic feet per second)
80 TOTAL COLIFORM MF/100 ML	total coliform bacteria per 100 ml of sample
81 FECAL COLIFORM MF/100 ML	fecal coliform bacteria per 100 ml of sample
84 M.F. ENTER. MF/100 ML	enterococcus bacteria per 100 ml of sample
88 PSEUD. MPA MF/100 ML	Pseudomonas aeruginosa bacteria per 100 ml of sample
805 WATER TEMP. DEG. C	water temperature in degrees Celsius
3 DISS. O_2 MG/L	dissolved oxygen in mg/L
1 5-DAY BOD MG/L	five day biochemical oxygen demand in mg/L
33 TOTAL P MG/L	total phosphorus in mg/L
34 FILTERED REACTIVE P	filtered reactive phosphate as phosphorus in mg/L
19 FILTERED AMMONIA MG/L	filtered ammonia as nitrogen in mg/L
20 TOTAL KJELDAHL MG/L	total Kjeldahl nitrogen as nitrogen in mg/L

Abbreviation		Parameter
21	FILTERED NITRITE NO2-N MG/L	filtered nitrite as nitrogen in mg/L
22	FILTERED NITRATE NO3-N MG/L	filtered nitrate as nitrogen in mg/L
17	INRGNC N MG/L	inorganic nitrogen as nitrogen in mg/L
18	TOTAL ORGNC N MG/L	total organic nitrogen as nitrogen in mg/L
23	TOTAL N MG/L	total nitrogen in mg/L
5	TOTAL SOLIDS MG/L	total solids in mg/L
6	SUSP. SOLIDS MG/L	suspended solids in mg/L
7	DISS. SOLIDS MG/L	dissolved solids (gravimetric) in mg/L
107	DISS. SOLIDS MG/L	dissolved solids (from conductivity) in mg/L
14	COND. 25 C UMHOS	conductivity in micromhos per cubic centimetre at 25°C
16	TURB. FORMAZIN UNITS	turbidity in Formazin Turbidity Units
56	CHLORIDE MG/L	chloride in mg/L
59	SULPHATE MG/L	sulphate as SO_4 in mg/L
280	UNFILTERED REACTIVE SILICATE SI MG/L	unfiltered reactive silicate as Si in mg/L
95	ACIDITY PH 8.3 MG/L	acidity to pH 8.3 as $CaCO_3$ in mg/L
52	TOTAL ALK AT LAB MG/L	total alkalinity at laboratory as $CaCO_3$ in mg/L
55	PH AT LAB	pH at laboratory
71	PH IN SITU	pH in the field
208	TOTAL IRON MG/L	total iron in mg/L
25	PHENOLS UG/L	phenolic equivalent in ug/L
76	CALCUL HARDNESS MG/L	hardness calculated from calcium and magnesium results and expressed as $CaCO_3$ in mg/L

Abbreviation	Parameter
72 TOTAL CALCIUM MG/L	total calcium in mg/L
74 TOT MAGNESIUM MG/L	total magnesium in mg/L
68 COLOUR HAZEN UNITS	colour in hazen colour units
67 POTASSIUM K MG/L	total potassium in mg/L
66 SODIUM NA MG/L	total sodium in mg/L
47 TOTAL ORGANIC C AS C MG/L	total organic carbon in mg/L
41 COD MG/L	chemical oxygen demand in mg/L
361 SOLVENT EXTRBLES MG/L	solvent extractables in mg/L
265 TOTAL ARSENIC MG/L	total arsenic in mg/L
235 MERCURY UG/L	total mercury in ug/L
203 TOTAL ALUMINUM MG/L	total aluminium in mg/L
221 TOTAL CHROMIUM MG/L	total chromium in mg/L
225 TOTAL COPPER MG/L	total copper in mg/L
229 TOTAL LEAD MG/L	total lead in mg/L
215 TOTAL CADMIUM MG/L	total cadium in mg/L
249 TOTAL ZINC MG/L	total zinc in mg/L
201 MANGANESE MG/L	total manganese in mg/L
238 TOTAL NICKEL MG/L	total nickel in mg/L
60 FLUORIDE MG/L	fluoride in mg/L
272 AVAILBLE CYANIDE MG/L	available (total) cyanide in mg/L
217 TOTAL COBALT MG/L	total cobalt in mg/L
451 RADIUM 226 PCi/L	radium 226 in pCi/L
452 GROSS A DISS PCi/L	gross alpha dissolved in pCi/L
453 GROSS A UNDISS PCi/L	gross alpha undissolved in pCi/L
454 GROSS B DISS PCi/L	gross beta dissolved in pCi/L
455 GROSS B UNDISS PCi/L	gross beta undissolved in pCi/L
456 URANIUM 238 UG/L	uranium 238 in ug/L
457 TRITIUM NCI/L	tritium in nCi/L
460 CESIUM 137 PCi/L	cesium 137 in pCi/L
461 COBALT 60 PCi/L	cobalt 60 in pCi/L
464 CESIUM 134 PCi/L	cesium 134 in pCi/L

OTHER ABBREVIATIONS

AVE.	avenue
AVG OR GEOM MN	arithmetic mean or geometric mean (denoted by *)
BLVD.	boulevard
BR.	branch, bridge or brook
CORP.	corporation
CAN	Canadian
CNR	Canadian National Railway
CO.	county or company
CONC.	concession
CPR	Canadian Pacific Railway
Cr.	creek
DR.	drive
FT.	feet
HWY.	highway
JNT.	junction
L	left
MG	milligram(s)
MG/L or mg/L	milligrams per litre
ML	millilitre(s)
N	north
nCi/L	nanocurie(s) per litre
NO. OF SAMPLES	number of samples
pCi/L	picocurie(s) per litre
PT	part or point
QEW	Queen Elizabeth Way
R	river or right
RD	road
R/R	railroad
RW	railway
S	south
STP	sewage treatment plant
TWP	township
UG/L	micrograms per litre
WPCP	water pollution control plant
WW	water-works

REMARKS

Reported values may be qualified by one or more of the following remarks:

1. Remarks that apply to individual parameter results (including maximum and minimum values):

	Example
G - actual value is greater than reported value	10.0 G
L - actual value is less than reported value	0.01 L
C - background too numerous to count	22000 C
A - approximate value, insufficient dilution	75 A

2. An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

EXPONENT = + 4 multiply result by 10,000
= + 3 " " " 1,000
= + 2 " " " 100
= + 1 " " " 10
= - 1 divide result by 10
= - 2 " " " 100
= - 3 " " " 1,000
= - 4 " " " 10,000

3. Remarks that apply to computer summary value:

	Example
U - individual values with remark G were used in the computation	9.50 U
D - individual value with remark L were used in the computation	5.78 D
E - individual values with remarks G and L were used in the computation	4.20 E

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
AGAWA R.	AGAWA R.	AT HWY 17	0.6	01 0012 001 02	10
AGUASABON R.	AGUASABON DIV.	AGUASABON HYDRO PLANT	0.0	01 0075 002 02	26
AUSABLE R.	THE CUT	AT HWY 21	3.9	08 0021 001 02	270
AUSABLE R.	AUSABLE R.	TWP.LINE DNSTR.CENTRALIA BASE	75.0	08 0022 011 02	273
	AUSABLE R.	AT HIGHWAY NO. 21, GRAND BEND	0.5	08 0022 013 02	274
	AUSABLE R.	AT 1ST CONC W OF HWY 4 EXETER	83.5	08 0022 016 02	275
	AUSABLE R.	AT MORRISON DAM EAST OF EXETER	84.9	08 0022 017 02	276
	DECKER CR.	NEAR BRICK YARD, THEDFORD	6.4	08 0022 002 02	271
	HENSALL CR.	CONC. ROAD 2,WEST OF HENSALL	86.5	08 0022 007 02	272
	L. AUSABLE R.	AT BRIDGE TWP.LINE W.OF LUCAN	68.3	08 0022 010 02	272
BATCHAWANA R.	BATCHAWANA R.	AT HWY 17	0.2	07 0031 001 02	268
BATTEAUX R.	BATTEAUX R.	HWY 26 E OF COLLINGWOOD	0.2	03 0054 001 02	61
BAYFIELD R.	BAYFIELD R.	1ST CONC. DNSTR. CLINTON	13.2	08 0040 006 02	276
	BAYFIELD R.	AT HURON CO RD 31 N OF VARNA	8.8	08 0040 008 02	277
	BAYFIELD R.	AT 1ST CONC W OF SEAFORTH	28.2	08 0040 009 02	278
	BAYFIELD R.	DNSTR. FROM CONF. WITH GRANT CR	10.5	08 0040 010 02	279
BEAVER R.	BEAVER R.	R. R. BRIDGE, THORNBURY	0.2	03 0036 002 02	54
	BEAVER R.	AT NORTH CHANNAL NEAR KIMBERLEY	19.4	03 0036 003 02	55
	BEAVER R.	AT SOUTH CHANNEL NEAR KIMBERLEY	19.5	03 0036 004 02	55
	BEAVER R.	AT GREY COUNTY ROAD NO.2	35.4	03 0036 006 02	57
	BEAVER R.	AT COUNTY ROAD NO.10 OSPREY TWP	36.7	03 0036 007 02	58
	BEAVER R.	AT COUNTY ROAD NO.8 OSPREY TWP.	36.2	03 0036 008 02	58
	BEAVER R.	AT GREY COUNTY ROAD NO.30	23.1	03 0036 009 02	59
	BOYNE R.	1ST.BR.DNSTR.HWY.10 FLESHERTON	27.6	03 0036 005 02	56
BELLE R.	BELLE R.	AT 1ST RD S OF HIGHWAY 401	6.2	04 0007 002 02	140
BIG CARP R.	BIG CARP R.	AT HERKIMER ST. SAULT ST. MARIE	0.7	13 0003 001 02	355
BIG CR.	BIG CR.	NORFOLK COUNTY RD. 42	2.1	16 0124 003 02	470
BIG OTTER CR.	BIG OTTER CR.	AT 9TH LINE BRIDGE, BAYHAM TWP.	27.4	16 0109 004 02	468
	BIG OTTER CR.	HWY 19, SOUTHERN BRIDGE VIENNA	4.4	16 0109 005 02	469
BIGHEAD R.	BIGHEAD R.	AT CONC RD 8 & 9 S OF OXMEAD	7.9	03 0030 002 02	53
BLACK R.	BLACK R.	AT COUNTY ROAD NO.17	4.8	06 0172 001 02	262
BLK STURGEON R	BLK STURGEON R	AT HWY 11 & 17	8.2	01 0092 001 02	30
BLACKBIRD CR.	K.C.EFFLUENT C	AT HWY 17	8.2	01 0074 001 02	25
BLANCHE R.	BLANCHE R.	HWY 112, 8 M.S. OF SWASTIKA	53.3	18 7710 004 02	667
	BLANCHE R.	HWY 66, IN SWASTIKA	64.2	18 7710 005 02	668
	BLANCHE R.	SWASTIKA MUN. WATERWORKS INTAKE	64.1	18 7710 008 20	670
	BLANCHE R.	AT BR. ON ROSEGROVE BEACH ROAD	60.1	18 7710 009 02	671
	LARDER L.	NEAR TAILINGS AREA,LARDER LAKE	50.0	18 7710 002 01	665
	LARDER L.	PUBLIC BEACH, LARDER LAKE	51.0	18 7710 003 01	665
	LARDER R.	WENDIGO LAKE OUTLET	33.6	18 7710 007 02	669
	MURDOCK CR	HWY 112, 2.5 M.E. OF SWASTIKA	63.6	18 7710 006 02	669
BLIND R.	BLIND R.	AT HWY 17 BRIDGE, BLIND RIVER	0.2	14 0014 003 02	362
BLOOMFIELD CR	BLOOMFIELD CR	AT CHURCH ST. BLOOMFIELD	3.7	06 0163 001 02	261
BONNECHERE R.	BONNECHERE R.	COUNTY RD 3,2 M. E. CASTLEFORD	0.5	18 3690 010 02	655
BOWMANVILLE CR	BOWMANVILLE CR	WEST BEACH RD., BOWMANVILLE	0.8	06 0116 001 02	247
	SOPER BR.	WEST BEACH RD., BOWMANVILLE	0.6	06 0116 002 02	248
	SOPER BR.	HWY 2, BOWMANVILLE	3.2	06 0116 003 02	249

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
CURRENT R.	CURRENT R.	AT CUMBERLAND ST. THUNDER BAY	0.3	01 0104 001 02	31
	CURRENT R.	HWY 11 & 17 THUNDER BAY	1.8	01 0104 002 02	32
DEDRICH CR.	DEDRICH CR.	AT NORFOLK COUNTY RD. 42	0.6	16 0126 001 02	471
DEMORESTVILLE CR.	DEMORESTVILLE CR.	AT COUNTY ROAD NO.14	3.0	17 0014 001 02	557
DON R.	DON R.	LAKESHORE RD., TORONTO	0.1	06 0085 001 02	223
	DON R.	BAYVIEW EXIT FROM DON PKWY,TOR.	2.4	06 0085 013 02	227
	DON R. E.	BAYVIEW & STEELES AVE., TORONTO	17.2	06 0085 003 02	225
	DON R. W.	AT SHEPPARD AVE., W. TORONTO	13.8	06 0085 002 02	224
	DON R. W.	HWY 7, WEST OF CONCORD	19.8	06 0085 004 02	226
	GERMAN MILLS CR.	16TH AVE., S.RICHMOND HILL STP	22.1	06 0085 005 02	226
DUFFINS CR.	DUFFINS CR.	BASELINE RD. 1 MILE W. OF AJAX	1.9	06 0104 001 02	235
	DUFFINS CR.	DOWNST. FROM AJAX STP.	1.7	06 0104 003 02	236
	DUFFINS CR.	AT HIGHWAY NO.2 PICKERING	3.6	06 0104 005 02	236
	GANATESKIAGON	AT CONCESSION 4	6.7	06 0104 022 02	238
	GANATESKIAGON	ON BROCK RD SOUTH OF CON. 8	5.1	06 0104 024 02	239
	STOUFFVILLE CR	BELOW STOUFFVILLE S.T.P.	17.2	06 0104 011 02	237
	STOUFFVILLE CR	AT FIRST RD.N.OF STOUFFVILLE	21.2	06 0104 012 02	238
	URFE' CR.	AT CONC.3 EAST OF BROCK ROAD	5.1	06 0104 026 02	240
E. DAVIGNON CR	E. DAVIGNON CR	AT BASELINE RD. SAULT ST. MARIE	0.3	13 0008 001 02	356
ENGLISH R.	BALMER CR.	AT BALMER LAKE OUTLET	176.2	19 0001 016 02	686
	BALMER CR.	500 FT. UPSTR. OF CHUKUNI R.	173.2	19 0001 032 02	690
	CHUKUNI R.	DNSTR. FROM BALMER CR.	172.6	19 0001 015 02	685
	ENGLISH R.	AT MANITOU FALLS	121.0	19 0001 007 02	678
	HOWEY BAY	500 FT. FROM SHORE, RED LAKE	177.5	19 0001 033 01	691
	RED L.	BRUCE CH. AT FERRY CROSSING	179.6	19 0001 018 01	689
	SNIB L. CR.	AT SNIB LAKE OUTLET	185.8	19 0001 017 02	687
	TROUTLAKE R.	AT HIGHWAY NO. 105	145.0	19 0001 008 02	679
	WABIGOON R.	UPSTREAM FROM REED LIMITED	165.3	19 0001 005 02	675
	WABIGOON R.	DNSTR.OF REED LTD.AT GOLF COURS	164.3	19 0001 006 02	677
ETOBICOKE CR.	ETOBICOKE CR.	HWY 2, LONG BRANCH	0.3	06 0080 001 02	212
	ETOBICOKE CR.	BURNHAMTHORPE RD., MISSISSAUGA	5.4	06 0080 003 02	214
	ETOBICOKE CR.	HWY 10,1.2 M.N.W.OF SNELGROVE	23.8	06 0080 004 02	215
	ETOBICOKE CR.W	DERRY RD.E., MISSISSAUGA	12.7	06 0080 002 02	213
FAREWELL CR.	HARMONY CR.	AT BLOOR ST. E., OSHAWA	1.2	06 0112 001 02	246
FARR CR.	COBALT LAKE	AT OUTLET COBALT	5.9	18 7370 002 01	661
	FARR CR.	DNSTR. CROSSWISE LAKE, COBALT	3.4	18 7370 001 02	660
	SASAGINAGA L.	NEAR COBALT	6.5	18 7370 003 01	662
FOLEY CR.	FOLEY CR.	FIRST RD.UPSTR.OF LAKE ERIE	0.1	16 0162 001 02	474
FORT CR.	FORT CR.	AT MOUTH, SAULT STE MARIE	0.1	13 0009 001 02	356
FORTY MILE CR	FORTY MILE CR	DOWNSTREAM FROM TOWN OF GRIMSBY	0.3	06 0038 001 02	189
FRENCH R.MAIN CHANNEL	CHIPPEWA CR.	AT MOUTH,AMELIA PARK, NORTH BAY	133.7	03 0133 019 02	124
	CHIPPEWA CR.	GOLF CLUB RD.BRIDGE, NORTH BAY	136.8	03 0133 025 02	126
	DUCHESNAY R.	UPSTR.JOHNS-MANVILLE,NORTH BAY HWY 17	71.3	03 0133 012 02	118
	DUCHESNAY R.	DNSTR.JOHNS-MANVILLE,NORTH BAY HWY 17B	71.0	03 0133 013 02	119
	FRENCH R.	AT HIGHWAY NO. 69	18.0	03 0133 001 02	115
	LA VASE R.	UPSTR. DUPONT, NORTH BAY	75.3	03 0133 014 02	120
	LA VASE R.	DNSTR. DUPONT, NORTH BAY	75.0	03 0133 015 02	120
	LA VASE R.	AT MOUTH, NORTH BAY	0.2	03 0133 024 02	126
	L. NIPISSING	AMELIA BEACH NEAR NORTH BAY	0.0	03 0133 010 01	116
	L. NIPISSING	DNSTR.CPR DOCKS,NORTH BAY	0.0	03 0133 011 01	117
	L. TEMAGAMI	NEAR CNR WATER INTAKE,TEMAGAMI	112.8	03 0133 016 01	121

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
FRENCH R.MAIN CHANNEL	SOUTH R.	HWY 11,0.5 M.N. OF SOUTH RIVER	33.1	03 0133 023 02	125
	STURGEON R.	AT 1ST.BR.UPSTR.OF CRYSTAL FALLS	87.3	03 0133 017 02	122
	STURGEON R.	DNSTR. STURGEON FALLS	75.0	03 0133 018 02	123
	STURGEON R.	DNSTR.FROM HIGHWAY NO. 17	76.9	03 0133 028 02	128
	TETAPAGA R.	DOWNSTREAM FROM SHERMAN MINE	108.6	03 0133 027 02	127
FRENCH R.WEST CHANNEL	CONISTON CR.	HWY 17, CONISTON	55.0	03 0134 005 02	132
	CONISTON CR.	UPSTR. WANAPITEI R.,CONISTON	52.8	03 0134 006 02	133
	CONISTON CR.	DNSTR. JUNCT. WITH ROMFORD CR.	53.0	03 0134 012 02	135
	EMERY CR.	UPSTR.WANAPITEI R.WAHNAPITAE	59.5	03 0134 003 02	131
	ROMFORD CR.	UPSTR. JUNCT. WITH CONISTON CR.	55.1	03 0134 013 02	136
	WANAPITEI R.	AT BRIDGE IN ST. CLOUD	45.2	03 0134 001 02	129
	WANAPITEI R.	HWY 17, IN WAHNAPITAE	55.2	03 0134 002 02	130
	WANAPITEI R.	AT TIMMINS CHUTE	59.7	03 0134 008 02	134
	WANAPITEI R.	AT HWY 637 9.5 MI.W. OF HWY 69	16.5	03 0134 015 82	137
GAGE CR.	GAGE CR.	HWY 2, 1 MILE E. OF PT. HOPE	0.3	06 0130 001 02	253
GANANOQUE R.	GANANOQUE R.	R.R.TRESTLE CAN.STEEL,GANANOQUE	0.6	12 0017 001 02	336
	GANANOQUE R.	AT HWY. 32, 2 M. N. OF HWY. 401	3.8	12 0017 004 02	337
GANARASKA R.	GANARASKA R.	PETER STREET, PT. HOPE	0.4	06 0129 001 02	252
GARDEN R.	GARDEN R.	AT HIGHWAY NO. 17, GARDEN RIVER	1.4	13 0013 001 02	359
GOULAIS R.	GOULAIS R.	AT BRIDGE, GOULAIS RIVER	7.6	07 0009 003 02	267
GRAHAM CR.	GRAHAM CR.	1ST BR.UPSTR.L.ONT.,NEWCASTLE	0.7	06 0118 001 02	251
GRAND R.	ALDER CR.	MANNHEIM BRIDGE	117.0	16 0184 026 02	495
	ALDER CR.	FIRST CONC. S. OF NEW DUNDEE	111.8	16 0184 038 02	513
	BADEN CR.	AT BLEANS RD.DNSTR.OF BADEN STP	127.4	16 0184 098 02	554
	BOSTON CR.	AT 1ST.CONC.RD.W.OF HWY.NO.6	30.6	16 0184 095 02	551
	BRANTFORD W.W.	AT WATER WORKS PARK FOOT BRIDGE	66.5	16 0184 097 02	553
	CANAGAGIGUE CR	FIRST BRIDGE DNSTR. ELMIRA STP	125.6	16 0184 016 02	491
	CANAGAGIGUE CR	1ST CONC. N. OF ELMIRA	129.2	16 0184 051 02	521
	CANAGAGIGUE CR	AT COUNTY RD. 19, FLORADALE	131.0	16 0184 052 02	522
	CANAGAGIGUE CR	AT WATERLOO-WELLINGTON CO.LINE	132.7	16 0184 053 02	523
	CONESTOGO R.	AT CONESTOGO C.A. DAM	139.6	16 0184 017 02	493
	CONESTOGO R.	AT WATERLOO CO. RD. NO. 22	120.3	16 0184 029 02	499
	CONESTOGO R.	AT WELLINGTON COUNTY ROAD NO.7	152.1	16 0184 100 02	556
	ERAMOSA R.	THIRD CONC. ERAMOSA TWP.	117.7	16 0184 040 02	514
	ERAMOSA R.	AT HWY 7 ROCKWOOD	118.7	16 0184 094 02	551
	FAIRCHILD CR.	1ST CONC.DNSTR. ST. GEORGE	66.8	16 0184 044 02	519
	FAIRCHILD CR.	LOT G SOUTH OF HAMILTON ROAD	50.1	16 0184 093 02	550
	GRAND R.	GLEN MORRIS BRIDGE	82.8	16 0184 010 02	485
	GRAND R.	FIRST BRIDGE DNSTR. GALT STP	86.5	16 0184 011 02	486
	GRAND R.	BLAIR BRIDGE	94.4	16 0184 012 02	488
	GRAND R.	BRIDGEPORT BRIDGE	110.3	16 0184 015 02	490
	GRAND R.	1ST BRIDGE DNSTR. LUTHER L.DAM	168.2	16 0184 019 02	494
	GRAND R.	BLOSSOM AVE. BRIDGE, NEWPORT	49.0	16 0184 024 02	495
	GRAND R.	COCKSHUTTS BRIDGE, BRANTFORD	57.5	16 0184 027 02	496
	GRAND R.	HWY 7, BRESLAU	106.8	16 0184 028 02	497
	GRAND R.	BRIDGE IN DUNNVILLE *COMPOSITE*	4.8	16 0184 035 03	503
	GRAND R.	1ST CONC.DNSTR.BELWOOD L.OUTLET	138.3	16 0184 037 02	511
	GRAND R.	E.LUTHER & AMARANTH TWP LINE	154.2	16 0184 039 02	514
	GRAND R.	AT HIGHWAY NO. 8, FREEPORT	101.0	16 0184 041 02	515
	GRAND R.	PILKINGTON - WOOLWICH TWP.LINE	127.6	16 0184 042 02	516
	GRAND RIVER	AT CONC.RD.13 N-W OF MARSVILLE	151.5	16 0184 067 02	524
	GRAND RIVER	AT BRIDGE WEST OF WINTERBOURNE	122.1	16 0184 069 02	526
	GRAND RIVER	MOUNT PLEASANT ST BRANTFORD	56.9	16 0184 076 02	527

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
GRAND R.	GRAND R.	COMMUNITY OF LEGGATT	164.3	16 0184 090 02	547
	GRAND R.	AT BRIDGE COMMUNITY OF YORK	26.3	16 0184 092 02	549
	LAUREL CR.	AT MOUTH, BRIDGEPORT	110.4	16 0184 030 02	500
	MCKENZIE CR.	AT 1ST.CONC.RD.W.OF HWY.NO.6	31.0	16 0184 096 02	552
	MONTGOMERY CR.	AT VANIER&SHELLEY DR.KITCHENER	101.6	16 0184 086 02	540
	MOOREFIELD CR.	CO.ROAD NO.10 MOOREFIELD	150.3	16 0184 091 02	548
	NITH R.	HWY 24 A, PARIS	75.3	16 0184 009 02	483
	NITH R.	FIRST BRIDGE DNSTR. PLATTSVILLE	113.3	16 0184 031 02	500
	NITH R.	FIRST BRIDGE DNSTR. NEW HAMBURG	126.3	16 0184 032 02	501
	NITH R.	FIRST BRIDGE DNSTR FROM AYR	98.3	16 0184 033 02	502
	NITH R.	1ST CONC.DNSTR. OF WELLESLEY	143.5	16 0184 045 02	519
	SCHNEIDER CR.	AT HAYWARD AVE.KITCHENER	101.7	16 0184 085 02	532
	SPEED R.	BEAVERDALE BR.,DNSTR. HESPELER	96.9	16 0184 013 02	489
	SPEED R.	EDINBOROUGH ST., GUELPH	107.3	16 0184 034 02	503
	SPEED R.	PUSLINCH L.RD.,4M. S-W GUELPH	102.2	16 0184 036 02	510
	SPEED R.	AT WOODLAWN AVE., GUELPH	111.9	16 0184 043 02	517
	SPEED R.	200 YDS UPSTR. FR CONF.GRAND R.	93.4	16 0184 046 02	520
	SPEED R.	ABOVE NEW GUELPH RESERVOIR	119.0	16 0184 099 02	555
GREEN CR.	GREEN CR	HIGHWAY NO. 17	2.5	18 2590 020 02	644
GRINDSTONE CR	GRINDSTONE CR	HWY 2,BAYVIEW,HAMILTON HARBOUR	0.3	09 0009 001 02	320
	GRINDSTONE CR	WATERDOWN RD., WATERDOWN	4.5	09 0009 002 02	321
HARMONY R.	HARMONY R.	HWY 17, CHIPPEWA FALLS	0.5	07 0028 001 02	267
HICKORY CR.	HICKORY CR.	PLYMPTON TWP RD 14 DNSTR.FOREST	5.3	08 0010 001 02	269
HIGHLAND CR.	HIGHLAND CR.	HIGHLAND CREEK PARK WEST HILL	1.6	06 0094 002 02	228
HUMBER R.	BLACK CR.	AT SCARLETT ROAD, TORONTO	5.1	06 0083 012 02	221
	HUMBER R.	LAKESHORE RD., TORONTO	0.0	06 0083 001 02	217
	HUMBER R.	HWY 7, WOODBRIDGE	16.6	06 0083 003 02	219
	HUMBER R.	YORK-PEEL COUNTY LINE, BOLTON	32.6	06 0083 005 02	220
	HUMBER R.	ALBION HILL CONSERVATION AREA	44.3	06 0083 018 02	222
	HUMBER R. E.	PINE GROVE RD., PINE GROVE	17.5	06 0083 004 02	220
	HUMBER R. W.	DNST. OF CLAIREVILLE DAM OUTLET	14.8	06 0083 002 02	218
KAMINISTIQUIA R.	KAMINISTIQUIA R.	AT HWY 61 B THUNDER BAY	4.2	01 0108 001 02	38
	KAMINISTIQUIA R.	UPSTREAM HWY 61 BRIDGE	5.5	01 0108 002 02	39
	KAMINISTIQUIA R.	MIDDLE OF TURNING BASIN	5.0	01 0108 003 02	40
	KAMINISTIQUIA R.	NEAR MOUTH THUNDER BAY	0.0	01 0108 004 02	41
	KAMINISTIQUIA R.	AT MISSION R. JUNCTION	2.5	01 0108 005 02	42
KETTLE CR	BEAVER CR	POND OUTL.,COMM. OF UNION	4.6	16 0087 006 02	457
	DODD CR.	FIRST CONC.NORTH OF HWY NO 3	22.6	16 0087 004 02	457
	DODDS CR.	AT HIGHWAY NO.3 ST.THOMAS	14.0	16 0087 013 02	462
	DODD CR.TRIB.	AT COUNTY ROAD NO. 35	28.2	16 0087 014 02	463
	KETTLE CR.	2ND. CONC.N. OF ST. THOMAS	18.4	16 0087 003 02	456
	KETTLE CR	1 ST CONC. RD. S-W OF BELMONT	27.6	16 0087 007 02	457
	KETTLE CR.	COUNTY RD. 26 ST. THOMAS	14.0	16 0087 009 02	459
	KETTLE CR.	1ST.BRIDGE ABOVE PORT STANLEY	3.0	16 0087 010 02	460
	KETTLE CR.	AT ELGIN COUNTY ROAD 45	10.6	16 0087 012 02	461
	KETTLE CR.	AT COUNTY ROAD NO.31	18.6	16 0087 015 02	463
	KETTLE CR.TRIB	2 MILES EAST OF UNION	9.2	16 0087 011 02	461
KEY R.	KEY R.	AT HIGHWAY NO. 69	8.2	03 0129 001 02	113
L. SUPERIOR	THUNDER BAY	INSIDE EASTERN GAP THUNDER BAY	0.0	01 0000 001 01	3
	THUNDER BAY	OFF MOUTH OF KAMINISTIQUIA	0.0	01 0000 002 01	3
	THUNDER BAY	NEAR PULP MILL, MISSION BAY	0.0	01 0000 003 01	4
	THUNDER BAY	NEAR PROV.MILL, EASTERN GAP	0.0	01 0000 004 01	5

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
MCCURRY L.OUT.	MCCURRY L. OUT	EMIL ST.. PARRY SOUND	0.2	03 0097 001 02	107
MC INTYRE R.	MC INTYRE R.	AT HAMMOND AVE. THUNDER BAY	0.6	01 0106 001 02	34
	MC INTYRE R.	HIGHWAYS 11 & 17, THUNDER BAY	1.2	01 0106 002 02	35
MC KELLAR R.	MC KELLAR R.	AT 104TH. AVE., THUNDER BAY	1.5	01 0109 001 02	43
	MC KELLAR R.	NEAR MOUTH, THUNDER BAY	0.4	01 0109 002 02	44
MC VICAR CR.	MC VICAR CR.	AT CUMBERLAND ST., THUNDER BAY	0.2	01 0105 001 02	33
MICHIPICOTEN R	MICHIPICOTEN R	HWY 17, 5 M. S. OF WAWA	3.8	01 0029 001 02	10
MILLHAVEN CR.	MILLHAVEN CR.	COUNTY RD. 5, SYDENHAM	21.1	06 0180 002 02	262
	MILLHAVEN CR.	1ST CONC.RD., N. OF MILLHAVEN	2.0	06 0180 003 02	263
	MILLHAVEN CR.	1ST CONC. RD. S. OF ODESSA	4.0	06 0180 004 02	264
	MILLHAVEN CR.	AT COUNTY ROAD NO. 6	6.7	06 0180 005 02	265
MIMICO CR.	MIMICO CR.	HWY 2, MIMICO	0.1	06 0082 001 02	215
	MIMICO CR.	RICHVIEW SIDE ROAD, ETOBICOKE	6.5	06 0082 002 02	216
MISSION R.	MISSION R.	NEAR MOUTH	0.2	01 0110 001 02	45
MISSISSAGI R.	MISSISSAGI R.	AT MISSISSAGI CHUTE	2.4	14 0012 001 02	361
MISSISSIPPI R.	CANONTO LAKE	AT DAM CANONTO LAKE INLET	93.2	18 3430 572 02	653
	CLYDE R.	BELOW LANARK	54.0	18 3430 520 02	652
	CLYDE R.	ABOVE LANARK	54.6	18 3430 530 02	653
	INDIAN R.	AT CLAYTON LAKE OUTLET	24.1	18 3430 250 02	652
	MISSISSIPPI L.	NEAR LAKE PARK, BECKWITH TWP	32.2	18 3430 100 01	650
	MISSISSIPPI R.	RAILWAY BRIDGE,NORTH GALETTA	2.3	18 3430 030 02	646
	MISSISSIPPI R.	AT DAM BELOW PAKENHAM	9.3	18 3430 034 02	647
	MISSISSIPPI R.	AT C.P.R. BRIDGE PAKENHAM	10.0	18 3430 036 02	647
	MISSISSIPPI R.	DOWNSTREAM OF ALMONTE	17.7	18 3430 040 02	648
	MISSISSIPPI R.	UPSTREAM OF ALMONTE	19.0	18 3430 050 02	648
	MISSISSIPPI R.	BELOW CARLETON PLACE	28.2	18 3430 060 02	649
	MISSISSIPPI R.	ABOVE CARLETON PLACE	30.2	18 3430 070 02	649
	MISSISSIPPI R.	AT HWY 7 INNISVILLE	41.8	18 3430 150 02	650
	MISSISSIPPI R.	AT DALHOUSIE LAKE OUTLET	64.0	18 3430 175 02	650
	MISSISSIPPI R	HWY 509 NEAR STONE RD STATION	73.0	18 3430 185 02	651
	MISSISSIPPI R.	AT KASHWAKAMAK LAKE OUTLET	91.0	18 3430 210 02	651
	MISSISSIPPI R.	AT MAZINAW LAKE OUTLET	105.2	18 3430 230 02	651
	MISSISSIPPI R.	AT MAZINAW LAKE INLET	114.0	18 3430 234 02	652
	SHARBOT L.	AT HWY. 38, SHARBOT LAKE	80.1	18 3430 630 02	653
MOIRA R.	BLACK R.	AT HWY. 7, 2 MILES W.ACTINOLITE	39.0	17 0026 010 02	613
	CLARE R.	1ST BRIDGE UPSTR.STOCO L.,TWEED	32.8	17 0026 007 02	610
	MADOC CR.	AT R.R. BRIDGE 1 M. S. MADOC	46.5	17 0026 012 02	614
	MOIRA L.	COUNTY BRIDGE, 1 M. S. MADOC	44.4	17 0026 011 01	614
	MOIRA R.	FOOTBRIDGE N. HWY 2, BELLEVILLE	0.7	17 0026 001 02	605
	MOIRA R.	BRIDGE IN CANNIFTON	3.9	17 0026 002 02	607
	MOIRA R.	STOCO L. OUTLET	27.2	17 0026 003 02	607
	MOIRA R.	STOCO BRIDGE, HUNGERFORD TWP	29.7	17 0026 004 02	608
	MOIRA R.	JAMESON STREET, TWEED	31.2	17 0026 006 02	610
	MOIRA R.	HWY 7, 1 MILE S. DELORO	57.6	17 0026 013 02	615
	MOIRA R.	DNSTR. VILLAGE OF MALONE	62.6	17 0026 019 02	616
	SKOOTAMATTA R.	HWY 7, NEAR ACTINOLITE	37.7	17 0026 009 02	612
	STOCO L.	MUNICIPAL BEACH - A, TWEED	31.0	17 0026 005 01	609
	SULPHIDE CR.	UPSTR. STOCO L., HUNGERFORD TWP	32.8	17 0026 008 02	611
MONTREAL R.	MONTREAL R.	HWY 17, 66 MILES SOUTH OF WAWA	0.5	01 0009 001 02	9
MONTREAL R.	GIROUX L.	AT OUTLET NEAR COBALT	66.3	18 6975 001 01	657
	GIROUX L.	AT GLEN LAKE OUTLET	67.7	18 6975 004 01	659

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
NELSON R.	RAINY R.	UPSTR.OF CONF.WITH BAUDETTE R.	142.0	19 0001 010 02	681
	RAINY R.	ABOVE EMO	182.4	19 0001 011 02	682
	RAINY R.	DNSTR. FORT FRANCES, NORTH	204.0	19 0001 012 02	683
	RAINY R.	DNSTR. FORT FRANCES, CENTRE	204.0	19 0001 013 02	684
	RAINY R.	DNSTR. FORT FRANCES, SOUTH	204.0	19 0001 014 02	685
	WINNIPEG R.	UPSTR. MINNISOTA PULP & PAPER	59.0	19 0001 001 02	672
	WINNIPEG R.	DOWNSTR. MINNISOTA PULP & PAPER	57.3	19 0001 002 02	673
NIPIGON R.	NIPIGON R.	AT BRIDGE CAMERON FALLS	11.8	01 0090 001 02	27
	NIPIGON R.	AT HWY 17, NIPIGON	6.0	01 0090 002 02	28
NORTH R.	COLDWATER R.	C.N.R. RR. BRIDGE, COLDWATER	1.7	03 0076 001 02	73
NOTTAWASAGA R.	BEETON CR.	BRIDGE ON CONC. 9,N.OF BEETON	58.2	03 0057 014 02	68
	BEETON CR.	AT SIMCOE CO.RD.NO.10	66.2	03 0057 024 02	71
	BOYNE R.	CONC. 6,EARL ROWE PROV. PARK	54.2	03 0057 003 02	62
	BOYNE R.	COUNTY RD. 10,DNSTR. ALLISTON	48.6	03 0057 007 02	64
	BOYNE R.	1ST CULVERT HWY. 24 N.OF HWY.10	76.1	03 0057 011 02	67
	BOYNE R.	1ST CONC.E.OF HWY24 N.OF HWY 10	73.7	03 0057 012 02	67
	BOYNE R.	AT HWY'S.NO 10&89 SHELBURNE	76.5	03 0057 016 02	69
	LAMONT CR.	HWY 26, STAYNER	11.2	03 0057 009 02	65
	MAD R.	AT CONC.2 TOSORONTIO TWP.	38.6	03 0057 021 02	70
	NOTTAWASAGA R.	AT HIGHWAY NO. 92, WASAGA BEACH	0.2	03 0057 006 83	63
	NOTTAWASAGA R.	AT HWY.NO.26 EDENVALE	19.1	03 0057 023 02	70
	PINE R.	UPSTR. CAMP BORDEN STP	33.9	03 0057 005 02	63
	PINE R.	UPSTR. NOTTAWASAGA R.,ANGUS	32.2	03 0057 010 02	66
OAKVILLE CR.	E.OAKVILLE CR.	BASE LINE RD.AT SIXTEEN VALLEY	12.2	06 0063 011 02	201
	M.OAKVILLE CR.	HWY 25 1.8 MI S SCOTCH BLOCK	26.4	06 0063 003 02	197
	M.OAKVILLE CR.	4TH CONC. ESQUESING TWP.	29.8	06 0063 007 02	198
	OAKVILLE CR.	HWY 2, OAKVILLE	0.4	06 0063 001 02	195
	OAKVILLE CR.	SIDEROAD 10, MILTON	14.8	06 0063 002 02	197
	OAKVILLE CR.	AT COUNTY RD. 9 (MILTON FALLS)	20.2	06 0063 008 02	199
	OAKVILLE CR.	AT CO.RD.28 UPSTRM OF MILTON	20.6	06 0063 009 02	200
	OAKVILLE CR.	AT CO.RD.8 UPSTRM OF KELSO RSVR	18.6	06 0063 010 02	200
ORCHARD CR.	ORCHARD CR.	AT GRANVIEW DR.,MEAFORD	0.0	03 0027 001 02	52
OSHAWA CR.	MONTGOMERY CR.	AT HARBOUR ROAD OSHAWA	0.5	06 0111 002 02	246
	OSHAWA CR.	SIMCOE ST. S., OSHAWA	0.4	06 0111 001 02	245
OTTAWA R.	OTTAWA R.	CHANNEL 1&2, HAWKESBURY (COMP.)	68.0	18 0000 051 82	622
	OTTAWA R.	AT PERLEY BRIDGE, HAWKESBURY	68.0	18 0000 078 83	622
	OTTAWA R.	BRITANNIA WATERWORKS, OTTAWA	133.8	18 0000 150 02	623
	OTTAWA R.	AT CHATS FALLS, HYDRO PLANT	163.6	18 0000 170 02	623
	OTTAWA R.	CHENAUX,HYDRO PLANT	188.6	18 0000 240 02	624
	OTTAWA R.	DES JOACHIMS,HYDRO PLANT	282.0	18 0000 300 02	625
	OTTAWA R.	AT OTTO HOLDEN, HYDRO PLANT	340.9	18 0000 360 02	625
	OTTAWA R.	DAM AT TEMISCAMING,ONTARIO SIDE	372.4	18 0000 380 02	626
PETAWAWA R.	PETAWAWA R.	HWY 17 BRIDGE, PETAWAWA	1.8	18 4930 020 02	655
PIC R.	BLACK R.	AT HWY 17	9.5	01 0060 002 02	17
	BLACK R.	HWY 614 SOUTH OF AGONZON	52.4	01 0060 003 02	18
	BLACK R.	1 MILE BELOW OUTLET OF MOSE L.	82.0	01 0060 004 02	19
	BLACK R.	ABOVE MOOSE LAKE INLET	82.8	01 0060 006 02	22
	FOX CR.	HWY 614 MANITOUWADGE LAKE	85.1	01 0060 005 02	20
	PIC R.	AT HWY 17	9.2	01 0060 001 02	15
	RUDDER CR.	WEST OF HIGHWAY NO.614	62.6	01 0060 007 02	23
PICKEREL R.	PICKEREL R.	AT HIGHWAY NO. 69	17.2	03 0130 001 02	114
PICTON CR.	PICTON CR.	AT CONSERVATION AREA POND	0.8	17 0008 001 02	557

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
ROUGE R.	ROUGE R.	AT BOX GROVE MARKHAM	10.7	06 0097 003 02	230
	ROUGE R.	AT HWY.2,1 MILE W.OF ROUGE HILL	1.5	06 0097 005 02	231
	ROUGE R.	TWIN RIVERS DR. SCARBOROUGH	3.3	06 0097 011 02	232
	ROUGE R.	SEWELL RD.N.OF FINCH AVE.	7.0	06 0097 012 02	233
RUSCOM R.	RUSCOM R.	1 MI E OF EXIT 6 ON HWY 401	6.2	04 0010 002 02	141
SALEM CR.	SALEM CR.	AT 1ST.RD. UPSTR.OF L.ONTARIO	0.4	06 0148 001 02	257
SALMON R.	SALMON R.	SHANNONVILLE, OLD HWY 2	1.8	17 0031 001 02	617
SANDUSK CR.	SANDUSK CR.	AT HALDIMAND CO.RD.NO.11	2.8	16 0170 002 02	481
	SANDUSK CR.	AT HALDIMAND CO.ROAD NO.11	2.8	16 0170 002 82	481
	SANDUSK CR.	FIRST BR.DNSTR.OF JARVIS LAGOON	11.0	16 0170 003 02	482
	SANDUSK CR.	AT HWY.3 3.4 MI EAST OF HWY.6	11.7	16 0170 004 02	483
SAUBLE R.	ALBEMARLE BR	AT HIGHWAY NO.6 NEAR MAR	15.6	08 0135 004 02	313
	SAUBLE R.	BRIDGE, 1ST CONC. N. OF TARA	27.9	08 0135 002 02	311
	SAUBLE R.	AT SAUBLE FALLS	2.0	08 0135 003 02	311
SAUGEEN R.	N. SAUGEEN R.	ELDERSLIE TWP. RD. 25&26	34.4	08 0123 009 02	300
	OTTER CR.	BRUCE COUNTY RD 16 N OF MILDMAY	54.6	08 0123 010 02	301
	PEARL CR.	AT CONC RD.NO.12&13 BRANT TWP.	34.9	08 0123 042 02	308
	PEARL CR.	AT CONC.RD.NO.10 BRANT TWP.	37.7	08 0123 045 02	310
	ROCKY SAUGEEN	CONC. ROAD, S.W. OF MARKDALE	89.1	08 0123 006 02	298
	SAUGEEN R.	YONGE ST., TOWN OF WALKERTON	47.6	08 0123 002 02	295
	SAUGEEN R.	HWY 4, HANOVER	58.8	08 0123 003 02	296
	SAUGEEN R.	HWY 4, TOWN OF DURHAM	78.2	08 0123 005 02	298
	SAUGEEN R.	DNSTR.FROM PAISLEY	21.6	08 0123 007 02	299
	SAUGEEN R.	DURHAM CONSERVATION AREA	81.5	08 0123 015 02	302
	SAUGEEN R.	AT HIGHWAY NO. 21, SOUTHAMPTON	0.4	08 0123 017 83	304
	SAUGEEN R.	AT CONC RD 2.5 MI E OF CARGILL	39.7	08 0123 038 02	305
	SAUGEEN R.	ONE MILE N OF BURGOYNE	7.4	08 0123 041 02	307
	SAUGEEN R.	AT CONC RD 4&5 SAUGEEN TWP	17.0	08 0123 043 02	309
	S. SAUGEEN R.	NORMANBY TWP. RD. 17&18	63.2	08 0123 012 02	301
	S. SAUGEEN R.	AT WELLINGTON COUNTY RD. NO. 9	82.2	08 0123 016 02	303
	S. SAUGEEN R.	COUNTY RD.16 EAST OF NEUSTADT	67.4	08 0123 036 02	305
	TEESWATER R.	DNSTR. DAM, W. OF TEESWATER	62.1	08 0123 004 02	297
	TEESWATER R.	AT COUNTY ROAD NO.1	24.6	08 0123 039 02	306
	TEESWATER R.	AT CHEPSTOW	42.0	08 0123 044 02	309
SAWGUIN CR.	SAWGUIN CR.	AT COUNTY ROAD NO.28	5.5	17 0016 001 02	558
SEGUIN R.	SEGUIN R.	AT HWY 69 B PARRY SOUND	0.3	03 0098 001 02	108
SERPENT R.	BUCKLES CR.	HWY 108, 2 M.S. OF ELLIOT LAKE	45.4	14 0019 007 09	369
	BUD L.CONTROL	WEST END OF BUD L. TLGS.	57.0	14 0019 022 01	382
	BUD LAKE CR.	HWY 108, BUD LAKE	55.5	14 0019 013 02	374
	BUD LAKE TLGS.	BUD L.TLGS UPSTR.BARIUM TREATMT	56.4	14 0019 024 01	384
	BUD LAKE TLGS	AT DAM "D" BUD LAKE TAILINGS	55.9	14 0019 050 01	403
	BUD LAKE TLGS	EFFLUENT FROM BUD L. AT DAM "E"	55.8	14 0019 051 01	404
	CAMP LAKE	AT SOUTH END	10.4	14 0019 037 01	392
	CREEK	NEAR RD. TO STANROCK TOWN SITE	54.0	14 0019 012 09	374
	CREEK	NEW DAM OVERFLOW, STANROCK	53.0	14 0019 020 02	381
	CROTCH LAKE	TREATMENT PLANT CROTCH LAKE CL1	46.1	14 0019 048 01	401
	CROTCH L.OUT.	AT CROTCH L.	43.5	14 0019 006 09	368
	DEPOT L.OUT.	AT L. DEPOT	28.9	14 0019 002 02	364
	DUNLOP LAKE	IN BAY A DUNLOP LAKE	59.3	14 0019 030 01	387
	DUNLOP L. OUT.	AT OUTLET OF DUNLOP L.	58.0	14 0019 019 02	379
	ELLIOT L.	AT ELLIOT LAKE MUN. PUMPHOUSE	47.5	14 0019 027 01	385
	ESTEN LAKE	CENTRAL PART OF ESTEN LAKE	37.4	14 0019 067 01	408
	FRESH WATER	NORDIC TREATMENT PLANT N 17	45.2	14 0019 042 02	396

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
SHELTER V. BK.	SHELTER V. BR.	CONC. RD., S. OF GRAFTON	0.8	06 0142 001 02	255
SILVER CR.	SILVER CR.	AT HWY 26	0.6	03 0047 001 02	60
SMITHFIELD CR.	SMITHFIELD CR.	COUNTY RD.,NO 64 NEAR LOVETT	0.2	06 0152 001 02	258
SOUTH NATION R	BEAR BR.	AT CARLSBAD SPRINGS	51.8	18 2070 130 02	643
	SCOTCH R.	CONC. 17, DNSTR. ST. ISIDORE	30.2	18 2070 040 02	641
	SCOTCH R.	CONC. 19, UPSTR. ST. ISIDORE	31.7	18 2070 060 02	642
	SOUTH NATION R	DNSTR. FROM CASSELMAN AT DAM	39.0	18 2070 100 02	642
	SOUTH NATION R	AT DAM, CHESTERVILLE	58.0	18 2070 110 02	643
SPANISH R.	COPPER CLIFF	DNSTR AT CEASAR RD. SUDBURY	81.9	14 0028 005 02	412
	COPPER CLIFF	BALSAN ST. SMELTER RD COPPER	82.3	14 0028 041 02	438
	FINLAND CR.	AT POWER STREET COPPER CLIFF	83.1	14 0028 044 02	441
	JOHN CR.	BELOW DITCH FROM AGNEW L.MINE	65.9	14 0028 023 02	426
	JOHN CR.	ABOVE DITCH FROM AGNEW L.MINE	66.2	14 0028 024 02	427
	JUNCTION CR.	AT OUTLET OF KELLY LAKE	76.4	14 0028 003 02	410
	JUNCTION CR.	UPSTR. FROM KELLY LAKE	80.8	14 0028 004 02	411
	JUNCTION CR.	DNSTR. FROM GARSON STP	90.8	14 0028 017 02	421
	JUNCTION CR.	END OF MC CHARLES LAKE ROAD	68.6	14 0028 034 01	435
	JUNCTION CR.	AT ORELL STREET CARSON	93.3	14 0028 042 02	439
	JUNCTION CR.	UPSTR.SIMON L.AT RESERVE ROAD	70.2	14 0028 046 02	444
	JUNCTION CR.	100FT.UPSTR.SUDBURY STP OUTFALL	80.3	14 0028 047 02	445
	JUNCTION CR.	AT KELLEY LAKE ROAD	81.1	14 0028 048 02	446
	JUNCTION CR.	AT KING STREET SUDBURY	85.3	14 0028 049 02	447
	JUNCTION CR. W	AT LASALLE BLVD SUDBURY	86.2	14 0028 040 02	437
	MILL DITCH	AT OPEN DITCH BELOW MINE OUTFAL	67.4	14 0028 025 02	429
	MINISTIC CR.	AT FIRST BRIDGE ON AGNEW ROAD	59.8	14 0028 021 02	424
	MINISTIC CR.	ABOVE AGNEW LAKE MINE PUMPHOUSE	59.8	14 0028 022 02	425
	MINISTIC CR.	AT BRIDGE ON HIGH FALLS ROAD	49.8	14 0028 053 02	451
	MOOSE CR.	UPSTR. LEVACK	111.4	14 0028 014 02	419
	MOOSE CR.	DNSTR.TREATMENT BY FALCONBRIDGE	113.0	14 0028 015 02	420
	MOOSE CR.	DNSTR. TOWN OF LEVACK	109.7	14 0028 018 02	422
	NOLIN CR.	AT HWY 144	86.9	14 0028 043 02	440
	NOLIN CR.	AT INCO TREATMENT EFFLUENT	87.5	14 0028 054 09	452
	ONAPING R.	1 M. UPSTR. HIGH FALLS	106.8	14 0028 012 02	417
	ONAPING R.	UPSTR. LEVACK SEPTIC TANK	110.2	14 0028 013 02	418
	POLISHING POND	ABOVE MINISTIC CR.AGNEW MINE	56.6	14 0028 052 09	450
	ROBERTS R.	MILNET-SELLWOOD RD.,MOOSE MINE	146.8	14 0028 011 02	416
	ROBERTS R.	UPSTR.NAT.STEEL PUMPH.,SELLWOOD	149.9	14 0028 032 02	433
	SPANISH R.	AT WEBBWOOD BRIDGE	25.8	14 0028 001 02	408
	SPANISH R.	HWY 17,8 M.E. JUNCT 68 & 17	38.4	14 0028 002 02	409
	SPANISH R.	AT HIGH FALLS	53.1	14 0028 020 02	422
	SPANISH R.	AT BRIDGE S.TOWN OF MASSEY	18.7	14 0028 038 83	435
	SPANISH R.	UPSTREAM OF E.B.EDDY ESPANOLA	31.4	14 0028 045 02	443
	VERMILION R.	DNSTR. JUNCT. WITH WHITSON R.	79.4	14 0028 006 02	413
	VERMILION R.	DNSTR. CPR YARDS, CAPREOL	134.2	14 0028 009 02	415
	VERMILION R.	AT PT. OF BASS L.UPSTR.CAPREOL	137.6	14 0028 010 02	415
	VERMILION R.	HWY 17, 2 M. E. OF WHITEFISH	65.4	14 0028 027 02	430
	VERMILION R.	DOWLING, 6 M. W. CHELMSFORD	95.8	14 0028 033 02	433
	VERMILLION R.	ON ROAD TO VAL THERESE	127.1	14 0028 050 02	448
	VERMILLION R.	DOWNSTREAM OF MCCHARLES LAKE	64.4	14 0028 051 02	449
	WHITSON R.	AT BRIDGE IN CHELMSFORD	86.5	14 0028 008 02	414
	WHITSON R.	HWY 634, W. OF VAL CARON	97.7	14 0028 028 02	431
	WHITSON R.	BRIDGE IN THE COMM. OF BRADLEY	80.6	14 0028 030 02	432
SPENCER CR.	DESJARDINS C.	UPSTR. CONF. WITH SPENCER CR.	1.6	09 0008 002 02	318
	SPENCER CR.	AT COOTES ROAD, DUNDAS	2.3	09 0008 001 02	317
	SPENCER CR.	AT VALENS SIDE ROAD CULVERT	27.6	09 0008 004 02	319

INDEX TO REPORT

RIVER BASIN	STREAM	SAMPLE POINT DESCRIPTION	MILEAGE	LOCATION CODE	PAGE NO.
THAMES R.	TILBURY CR.	AT HIGHWAY NO.2 WEST OF TILBURY	5.6	04 0013 046 02	155
	TURKEY CR.	AT CO.RD.NO.19 SOUTHWOLD	101.5	04 0013 061 02	165
THESSALON R.	THESSALON R.	AT MOUTH SOUTH OF THESSALON	0.0	14 0003 001 02	360
	THESSALON R.	AT HWY 17 B HURON ST. THESSALON	0.5	14 0003 002 02	360
TREN. R.	AUGER LAKE	UPSTR.OF BICROFT TAILINGS	116.0	17 0021 112 01	604
	BALSAM L. OUT	AT ROSEDALE DAM	159.0	17 0021 054 02	591
	BAXTER CR.	1.5 M. DNSTR. MILLBROOK	83.3	17 0021 069 02	588
	BAXTER CR.	AT CONC RD.NO.5 TWP.OF CAVAN	87.4	17 0021 077 01	594
	BEAVER CR.	BRIDGE ON RD. TO CORDOVA MINES	48.6	17 0021 095 02	602
	BEAVER CR.	AT ST OLA	22.4	17 0021 096 02	602
	BOW LAKE OUT.	HWY 28, 8 M. S-W BANCROFT	115.2	17 0021 062 02	584
	BUCKHORN L.OUT	HWY 507, BUCKHORN	122.8	17 0021 018 02	567
	BURNT R.	AT 1ST.BR.4 M.S.OF KINMOUNT	174.8	17 0021 075 02	592
	CAMERON L. OUT	HWY 35, FENELON FALLS	155.0	17 0021 013 02	568
	CENTRE L.OUT.	HWY 121, 4 M. W. OF CARDIFF	122.1	17 0021 061 02	583
	CHANDOS L.OUT	AT HIGHWAY NO 620 77-1	95.3	17 0021 098 02	599
	CLEAR L. OUT.	HWY 28, YOUNGS POINT	136.6	17 0021 016 02	566
	COLD CR.	HWY 33 BRIDGE IN FRANKFORD	7.5	17 0021 046 02	578
	CR.FROM BENTLEY L.	UPSTR.FROM FARADAY TAILINGS	117.0	17 0021 064 02	585
	CR. TO BOW L	DNSTR.FARADAY MINE TAILINGS	117.0	17 0021 063 02	584
	CROWE R.	HWY 7, MARMORA	47.1	17 0021 003 02	560
	CROWE R.	CROWE BRIDGE NEAR HEALY FALLS	38.1	17 0021 048 02	579
	CROWE R.	BRIDGE ON CORDOVA RD ROCKDALE R	56.3	17 0021 082 02	596
	CROWE R.	BRIDGE ON 1ST RD ABOVE BELMONT	59.3	17 0021 083 02	596
	CROWE R.	CORDOVA L. OUTLET DAM	61.3	17 0021 084 02	597
	CROWE R.	BRIDGE ON CORDOVA MINES	63.9	17 0021 085 02	597
	CROWE R.	NEAR THE COMMUNITY OF LAKE	81.9	17 0021 086 02	598
	CROWE R.	HWY 28 PAUDASH L. OUTLET 76 1	106.9	17 0021 089 02	599
	CROWE R.	BELOW CONF.WITH CR.FROM BOW L.	103.7	17 0021 100 02	603
	DEER CR.	DNSTR. FROM BICROFT MINE TLGS.	120.9	17 0021 060 02	583
	DEER CR.	AT WOLLASTON LAKE OUTLET DAM	84.8	17 0021 087 02	598
	DRAG R.	HWY 519, 12 M. S-W HALIBURTON	196.9	17 0021 033 02	570
	FARRELL CR.	DNSTR. FROM DYNO TLGS,DYNO ROAD	152.8	17 0021 058 02	582
	GULL L. OUT	HWY 35,MOORE FALLS	179.6	17 0021 032 02	570
	GULL R.	HWY 35, COBOCONK	166.3	17 0021 025 02	569
	GULL R.	HWY 35, N. OF CARNARVON	203.3	17 0021 036 02	572
	GULL R.	1.3 M. DNSTR. FROM MINDEN	187.6	17 0021 043 02	576
	GULL R.	HWY 35, 1 MILE UPSTR.MINDEN	191.2	17 0021 044 02	577
	GULL R.	HWY 503 BRIDGE, NORLAND	173.3	17 0021 076 02	593
	HEAD LAKE OUT.	HWY 121, HALIBURTON	207.9	17 0021 037 02	573
	INDIAN R.	FIRST ROAD SOUTH OF KEENE	63.9	17 0021 006 02	562
	JACKSON CR.	DALHOUSIE ST., PETERBOROUGH	93.2	17 0021 038 02	573
	LOVESICK L.OUT	HWY 28, BURLEIGH FALLS	115.4	17 0021 017 02	566
	MISSISSAGUA R.	HWY 36, 1 M. N. OF BUCKHORN	122.9	17 0021 052 02	580
	NONQUON R.	AT CO. RD. NO. 2, SEAGRAVE	180.5	17 0021 040 02	574
	NORTH R.	BRIDGE NEAR N E BAY BELMONT L.	53.3	17 0021 091 02	601
	NORTH R.	AT BRIDGE ON BLUE MOUNTAIN RD.	63.5	17 0021 092 02	601
	OTONABEE R.	BENSFORTH BR.8 M.S.PETERBOROUGH	77.8	17 0021 009 02	563
	OTONABEE R.	HWY 7, PETERBOROUGH	88.5	17 0021 011 02	564
	OTONABEE R.	ROAD TO NASSAU MILLS	93.1	17 0021 013 02	565
	OTONABEE R.	LOCK 25, LAKEFIELD	98.5	17 0021 065 02	585
	OTONABEE R.	AT LOCK NO.19 PETERBOROUGH	89.9	17 0021 070 02	586
	OUSE R.	AT HWY.NO.45	64.7	17 0021 007 02	563
	OUSE R.	1ST CONC.DOWNSTR.FROM NORWOOD	63.0	17 0021 066 02	586
	PAUDASH L.	INLET BAY NEAR MOUTH OF DEER CR	120.2	17 0021 059 01	583
	PAUDASH L.	AT PAUDASH L. ROAD 76 1	110.7	17 0021 090 01	600

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  25 OCT 79  PAGE     3

 B.O.W./ SITE: LAKE SUPERIOR                                                                    STATION ID:  01-0000-001-01
 SAMPLE POINT: INSIDE EASTERN GAP THUNDER BAY
 STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE SUPERIOR                                      001

STN NO:     1    LAT:                  LONG:                U T M: 16 0338850.0 5368250.0 4    REGION: 06

                                       934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS               MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

22 05 78 1205               .3       20071     3300.        8.       12.      11.0      10.0       2.1     0.015     0.002    0.010L
26 06 78 1430               .3       20095     2600.      200.       68.      14.0       9.0       2.2     0.026     0.002
31 07 78 1015               .3       20119      160.       20.       32.      11.5       8.7       1.5     0.010     0.003
30 08 78 1015               .3       20143      930.        4.       12.      13.0       8.5       1.6     0.007     0.001
25 09 78 1045               .3       20167      360.        4.  L    56.      10.0       9.0       1.1     0.007     0.003
23 10 78 1105               .3       20191      100.       12.       32.       6.0      10.4       1.8     0.012     0.001
         1125               .3       20179        4.        4.  L     4.  L    7.0      11.4       0.6     0.003    0.001L

                       MAXIMUM                 3300.      200.       68.      14.0      11.4       2.2     0.026     0.003     0.010
            AVG OR GEOM MN (*)                  293.*      11.* D    22.* D    10.4       9.6       1.6     0.011    0.002D    0.010D
                       MINIMUM                    4.        4.        4.       6.0       8.5       0.6     0.003     0.001     0.010

                 NO OF SAMPLES                     7         7         7         7         7         7         7         7         1

                                        20        21        22        17        18        23         5         6        14        16
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS       25C  FORMAZIN
               FEET      MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1205               .3       0.440     0.007     0.110    0.1270    0.430<     0.557      70.0       3.0        73      3.30
26 06 78 1430               .3                                                                   120.0       5.0       126      3.70
31 07 78 1015               .3                                                                    60.0      10.0       111      9.80
30 08 78 1015               .3                                                                    70.0       5.0       109      9.20
25 09 78 1045               .3                                                                   100.0       5.0       122      5.90
23 10 78 1105               .3                                                                    60.0       3.0       108      7.00
         1125               .3                                                                    50.0       1.0       102      1.

                       MAXIMUM       0.440     0.007     0.110     0.127     0.430     0.557     120.0      10.0       126      9.80
            AVG OR GEOM MN (*)       0.440     0.007     0.110     0.127     0.430     0.557      75.7       4.6       107      5.70
                       MINIMUM       0.440     0.007     0.110     0.127     0.430     0.557      50.0       1.0        73      1.

                 NO OF SAMPLES           1         1         1         1         1         1         7         7         7         7

                                        56        52        55        71       208        76        68       265       225       229
SAMP DTE HOUR  STN  STN SAMP  PJ  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         MG/L    AT LAB    AT LAB IN   SITU      IRON  HARDNESS     HAZEN   ARSENIC    COPPER      LEAD
               FEET      MTRS                   MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

26 06 78 1430               .3         8.0        45      7.10               0.250      52.0        15    0.004L     0.004     0.006
31 07 78 1015               .3         3.0        43      7.40                          50.0         5    0.004L     0.004     0.006
30 08 78 1015               .3         2.0        45      7.30       8.0                50.0        5L    0.004L     0.004     0.006
25 09 78 1045               .3         4.0        45      7.60               0.320      52.0        70
23 10 78 1105               .3         2.0        43      7.40       7.8                48.0        10
         1125               .3         1.0        43      7.70                           46.         5




                       MAXIMUM         8.0        45      7.70       8.0     0.320      52.0        70     0.004     0.004     0.006
            AVG OR GEOM MN (*)         3.3        44      7.42       7.9     0.285      49.7       18D    0.004D     0.004     0.006
                       MINIMUM         1.0        43      7.10       7.8     0.250       46.         5     0.004     0.004     0.006

                 NO OF SAMPLES           6         6         6         2         2         6         6         3         3         3

                                       215       249       201       238       272       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE     TOTAL
DY MO YR LMT   DIST BRG DEPTH      CADMIUM      ZINC        MN    NICKEL   CYANIDE    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L   MG/L CN      MG/L

26 06 78 1430               .3       0.001     0.004     0.014     0.001     0.01L    0.001L
31 07 78 1015               .3       0.001     0.004     0.014     0.001     0.01L    0.001L
30 08 78 1015               .3       0.001     0.004     0.014     0.001     0.01L    0.001L
25 09 78 1045               .3                           0.016
23 10 78 1105               .3                           0.016
         1125               .3                           0.016

                       MAXIMUM       0.001     0.004     0.016     0.001     0.01      0.001
            AVG OR GEOM MN (*)       0.001     0.004     0.015     0.001     0.01D     0.001D
                       MINIMUM       0.001     0.004     0.014     0.001     0.01      0.001

                 NO OF SAMPLES           3         3         6         3         3         3


 B.O.W./ SITE: LAKE SUPERIOR                                                                    STATION ID:  01-0000-002-01
 SAMPLE POINT: OFF MOUTH OF KAMINISTIQUIA RIVER
 STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE SUPERIOR                                      001

STN NO:     2    LAT:                  LONG:                U T M: 16 0336550.0 5362000.0 4    REGION: 06

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

18 01 78 0915               .3       20014   4                                         0.0      13.5       6.5     0.060     0.006
13 02 78 1420               .3       20022             11000E+1       70.    1500.  G    2.0      11.4       6.0     0.066     0.007
20 03 78 1100               .3       20035   4             800.        4.      430.      1.5       8.4       6.0     0.077     0.007
17 04 78 1450               .3       20049                 310.       24.      116.      0.0       9.0       2.2     0.043     0.004
22 05 78 1225               .3       20072               12400.      600.  G    84.     13.5       5.7       3.9     0.079     0.003
26 06 78 1500               .3       20096   6 0         10000.      340.      120.     12.5       7.1       1.8     0.050     0.003
31 07 78 1040               .3       20120                3800.     2300.      156.     13.0       3.4       2.0     0.032     0.004
30 08 78 1415               .3       20144               63000.     3700.      396.     14.0       4.4       2.9     0.074     0.002
25 09 78 1135               .3       20168                 300.        4.        4.     10.0      10.2       1.0     0.009     0.002
23 10 78 1130               .3       20192                  20.        8.        4.      7.0      11.6       0.4     0.008     0.002

                       MAXIMUM                         11000E+1     3700.     1500.     14.0      13.5       6.5     0.079     0.007
            AVG OR GEOM MN (*)                            2568.*      90.* U    97.* U   7.4       8.5       3.3     0.050     0.004
                       MINIMUM                              20.        4.        4.      0.0       3.4       0.4     0.008     0.002

                 NO OF SAMPLES                               9         9         9        10        10        10        10        10



                                                                                                                        ( C O N T D )
```

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  25 OCT 79  PAGE

                                                                                          STATION ID:  01-0000-002-01
 B.O.W./ SITE: LAKE SUPERIOR
 SAMPLE POINT: OFF MOUTH OF KAMINISTIQUIA RIVER                                                       STORET CODE: 02
 STATION TYPE: LAKE                                 MAJOR BASIN: GREAT LAKES                                        001
                                                    MINOR BASIN: LAKE SUPERIOR

STN NO:      2    LAT:              LONG:               U T M: 16 0336550.0 5362000.0 4   REGION: 06

                                           19         20         21         22         17         18         23          5          6         14
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      COND.
DY MO YR LMT    DIST BRG DEPTH        AMMONIA   KJELDAHL      NO2-N      NO3-N          N   ORGNC  N                SOLIDS     SOLIDS        25C
                FEET     MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L      UMHOS

18 01 78 0915              .3          0.010L      1.100      0.011      0.020      0.041      1.090      1.131                   4.0        148
13 02 78 1420              .3          0.010L      0.800      0.012      0.040      0.062      0.790      0.852                  10.0        155
20 03 78 1100              .3           0.010      0.820      0.009      0.020      0.039      0.810      0.849                              135
17 04 78 1450              .3           0.060      0.440      0.005      0.230      0.295      0.380      0.675                              121
22 05 78 1225              .3           0.140      0.680      0.007      0.060      0.207      0.540      0.747      130.0       10.0        142
26 06 78 1500              .3                                                                                      100.0       10.0        136
31 07 78 1040              .3                                                                                       60.0        5.0        124
30 08 78 1415              .3                                                                                       80.0        5.0        138
25 09 78 1135              .3                                                                                       95.0        4.0        116
23 10 78 1130              .3                                                                                       45.0        2.0        103

                      MAXIMUM           0.140      1.100      0.012      0.230      0.295      1.090      1.131      130.0       10.0        155
           AVG OR GEOM MN (*)          0.046D      0.768      0.009      0.074      0.129      0.722      0.851       85.0        6.3        132
                      MINIMUM           0.010      0.440      0.005      0.020      0.039      0.380      0 675       45.0        2.0        103

                NO OF SAMPLES               5          5          5          5          5          5          5          6          8         10

                                           16         56         52         55         71        208         76         68        265        225
SAMP DTE HOUR   STN  STN SAMP  PJ       TURB.   CHLORIDE    TOT ALK         PH         PH      TOTAL     CALCUL     COLOUR      TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH       FORMAZIN       MG/L     AT LAB     AT LAB   IN  SITU       IRON   HARDNESS      HAZEN    ARSENIC     COPPER
                FEET     MTRS           UNITS                  MG/L                             MG/L       MG/L      UNITS       MG/L       MG/L

18 01 78 0915              .3            5.60       10.0
13 02 78 1420              .3            6.40       11.0
20 03 78 1100              .3            3.20        8.0
17 04 78 1450              .3            5.40        5.0
22 05 78 1225              .3            8.00
26 06 78 1500              .3            6.00        8.0         47       7.00                 0.550       52.0         30     0.004L      0.007
31 07 78 1040              .3            4.40        5.0         44       7.30                 0.400       50.0         15                 0.001
30 08 78 1415              .3            4.60        7.0         47       7.20        6.7      0.450       54.0         30                 0.003
25 09 78 1135              .3            4.70        2.0         45       7.70        7.4      0.300       50.0          5     0.004L     0.001L
23 10 78 1130              .3            2.50        2.0         43       7.70        7.7      0.130       46.0         5L                0.001L

                      MAXIMUM            8.00       11.0         47       7.70        7.7      0.550       54.0         30      0.004      0.007
           AVG OR GEOM MN (*)            5.08        6.4         45       7.38        7.3      0.366       50.4        17D     0.004D     0.003D
                      MINIMUM            2.50        2.0         43       7.00        6.7      0.130       46.0          5      0.004      0.001

                NO OF SAMPLES              10          9          5          5          3          5          5          5          2          5

                                          229        215        249        201        238        217
SAMP DTE HOUR   STN  STN SAMP  PJ       TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH           LEAD    CADMIUM       ZINC         MN     NICKEL     COBALT
                FEET     MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

26 06 78 1500              .3          0.005L      0.001      0.007      0.028      0.003     0.001L
31 07 78 1040              .3                                 0.001      0.019
30 08 78 1415              .3                                 0.140
25 09 78 1135              .3          0.010L     0.001L      0.002      0.011     0.001L     0.001L
23 10 78 1130              .3                                0.001L      0.005


                      MAXIMUM           0.010      0.001      0.140      0.028      0.003      0.001
           AVG OR GEOM MN (*)          0.008D     0.001D     0.030D      0.016     0.002D     0.001D
                      MINIMUM           0.005      0.001      0.001      0.005      0.001      0.001

                NO OF SAMPLES               2          2          5          4          2          2


                                                                                          STATION ID:  01-0000-003-01
 B.O.W./ SITE: LAKE SUPERIOR
 SAMPLE POINT: NEAR PULP MILL MISSION BAY THUNDER BAY                                                 STORET CODE: 02
 STATION TYPE: LAKE                                 MAJOR BASIN: GREAT LAKES                                        001
                                                    MINOR BASIN: LAKE SUPERIOR

STN NO:      3    LAT:              LONG:               U T M: 16 0336550.0 5357325.0 4   REGION: 06

                                          934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO               COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P   REACTIVE
                FEET     MTRS                               MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

22 05 78 1355              .3           20062                88000.    10.   L        10.       12.5        8.0        4.6      0.034      0.002
25 06 78 1130              .3           20086          0   22000E+1      1700.    10.   L       12.5        7.1        4.4      0.024      0.002
31 07 78 1135              .3           20110                 3000.      1300.         4.       11.0        7.0        5.1      0.012      0.002
30 08 78 1240              .3           20134                17000.        50.    10.   L       14.0        2.8        6.4      0.043      0.002
25 09 78 1310              .3           20158                 6900.        60.       140.       11.0        7.6        4.5      0.036      0.002
23 10 78 1230              .3           20182                 1500.        52.        64.        6.0        8.8        4.4      0.028      0.002

                      MAXIMUM                              22000E+1      1700.       140.       14.0        8.8        6.4      0.043      0.002
           AVG OR GEOM MN (*)                               14728.*    123.* D     18.* D       11.2        6.9        4.9      0.030      0.002
                      MINIMUM                                 1500.        10.         4.        6.0        2.8        4.4      0.012      0.002

                NO OF SAMPLES                                     6          6          6          6          6          6          6          6

                                           19         20         21         22         17         18         23          5          6         14
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      COND.
DY MO YR LMT    DIST BRG DEPTH        AMMONIA   KJELDAHL      NO2-N      NO3-N          N   ORGNC  N                SOLIDS     SOLIDS        25C
                FEET     MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L      UMHOS

22 05 78 1355              .3          0.010L      0.440      0.009      0.050      0.069      0.430      0.499      110.0        5.0        132
25 06 78 1130              .3                                                                                      120.0       10.0        126
31 07 78 1135              .3                                                                                       90.0        5.0        122
30 08 78 1240              .3                                                                                      140.0       10.0        146
25 09 78 1310              .3                                                                                      130.0        6.0        149
23 10 78 1230              .3                                                                                      100.0        3.0        132

                      MAXIMUM           0.010      0.440      0.009      0.050      0.069      0.430      0.499      140.0       10.0        149
           AVG OR GEOM MN (*)          0.010D      0.440      0.009      0.050      0.069      0.430      0.499      115.0        6.5        135
                      MINIMUM           0.010      0.440      0.009      0.050      0.069      0.430      0.499       90.0        3.0        122

                NO OF SAMPLES               1          1          1          1          1          1          1          6          6          6
```

(CONTD)

```
                                        16        56        52        55        71       208        76        68       225       229
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN    COPPER      LEAD
               FEET      MTRS        UNITS                MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L

22 05 78 1355              .3         6.90
25 06 78 1130              .3         4.30       5.0        45      6.90               0.450      46.0        30     0.007    0.005L
31 07 78 1135              .3         3.50       4.0        41      7.30                          44.0        30     0.007    0.005L
30 08 78 1240              .3         4.90       7.0        45      7.00       6.3                52.0        20     0.007    0.005L
25 09 78 1310              .3         4.40       6.0        45      7.10       7.0     0.340      48.0        30    0.001L    0.010L
23 10 78 1230              .3         3.30       5.0        44      7.10       7.5                50.0        30    0.001L    0.010L

                      MAXIMUM         6.90       7.0        45      7.30       7.5     0.450      52.0        30     0.007     0.010
           AVG OR GEOM MN (*)         4.55       5.4        44      7.08       6.9     0.395      48.0        28    0.005D    0.007D
                      MINIMUM         3.30       4.0        41      6.90       6.3     0.340      44.0        20     0.001     0.005

                NO OF SAMPLES            6         5         5         5         3         2         5         5         5         5
                                       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L

25 06 78 1130              .3        0.001     0.006     0.037     0.002    0.001L
31 07 78 1135              .3        0.001     0.006     0.037     0.002    0.001L
30 08 78 1240              .3        0.001     0.006     0.037     0.002    0.001L
25 09 78 1310              .3       0.001L     0.003     0.036    0.001L    0.001L
23 10 78 1230              .3       0.001L     0.003     0.036    0.001L    0.001L

                      MAXIMUM        0.001     0.006     0.037     0.002     0.001
           AVG OR GEOM MN (*)       0.001D     0.005     0.037    0.002D    0.001D
                      MINIMUM        0.001     0.003     0.036     0.001     0.001

                NO OF SAMPLES            5         5         5         5         5


  B.O.W./ SITE: LAKE SUPERIOR                                                          STATION ID:  01-0000-004-01
  SAMPLE POINT: NEAR PROVINCIAL MILL EASTERN GAP THUNDER BAY
  STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                        MINOR BASIN: LAKE SUPERIOR                                 001

STN NO:     4    LAT:                  LONG:                 U T M: 16 0339500.0 5368400.0 4    REGION: 06

                                       934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO  COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS               MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

22 05 78 1200              .3        20070   4300.        4. L      4. L       9.0       9.6       5.4     0.014     0.002    0.010L
26 06 78 1420              .3        20094   1000.      112.      140.        14.5       8.0       5.8     0.021     0.002
31 07 78 1010              .3        20118   1000.       68.       60.        11.5       8.1       2.1     0.022     0.005
30 08 78 1025              .3        20142    320.        4.       12.        12.5       8.1       1.8     0.013     0.003
25 09 78 1040              .3        20166  16000. G      4. L    600. G      10.0       9.0       3.0     0.044     0.004
23 10 78 1040              .3        20190   2300.      104.     1500. G       6.0      10.5       1.4     0.011     0.001
```

```
                      MAXIMUM                 16000.      112.     1500.      14.5      10.5       5.8     0.044     0.005     0.010
           AVG OR GEOM MN (*)                 1923.* U    19.* D    84.* E    10.6       8.9       3.3     0.021     0.003    0.010D
                      MINIMUM                   320.        4.        4.       6.0       8.0       1.4     0.011     0.001     0.010

                NO OF SAMPLES                      6         6         6         6         6         6         6         6         1
                                        20        21        22        17        18        23         5         6        14        16
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS       25C  FORMAZIN
               FEET      MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1200              .3        0.310     0.011     0.110     0.131     0.300     0.431     320.0       5.0        98      9.20
26 06 78 1420              .3                                                                  140.0       5.0       125      6.80
31 07 78 1010              .3                                                                   60.0       5.0       112     12.00
30 08 78 1025              .3                                                                   70.0       5.0       111     16.00
25 09 78 1040              .3                                                                  130.0      10.0       127     22.00
23 10 78 1040              .3                                                                   70.0       5.0       107     10.00

                      MAXIMUM        0.310     0.011     0.110     0.131     0.300     0.431     320.0      10.0       127     22.00
           AVG OR GEOM MN (*)        0.310     0.011     0.110     0.131     0.300     0.431     131.7       5.8       113     12.67
                      MINIMUM        0.310     0.011     0.110     0.131     0.300     0.431      60.0       5.0        98      6.80

                NO OF SAMPLES            1         1         1         1         1         1         6         6         6         6
                                        56        52        55        71       208        76        68       225       229       215
SAMP DTE HOUR  STN  STN SAMP  PJ  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN    COPPER      LEAD   CADMIUM
               FEET      MTRS                   MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

26 06 78 1420              .3          8.0        37      6.90               0.300      50.0        40     0.005    0.005L    0.001L
31 07 78 1010              .3          3.0        43      7.40                          50.0         5     0.005    0.005L    0.001L
30 08 78 1025              .3          2.0        45      7.20       8.0                50.0        15     0.005    0.005L    0.001L
25 09 78 1040              .3          3.0        44      7.30               0.400      54.0
23 10 78 1040              .3          2.0        43      7.40       7.5                46.0        15

                      MAXIMUM          8.0        45      7.40       8.0     0.400      54.0        40     0.005     0.005     0.001
           AVG OR GEOM MN (*)          3.6        42      7.24       7.8     0.350      50.0        19     0.005    0.005D    0.001D
                      MINIMUM          2.0        37      6.90       7.5     0.300      46.0         5     0.005     0.005     0.001

                NO OF SAMPLES            5         5         5         2         2         5         4         3         3         3
                                       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         ZINC        MN    NICKEL    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L

26 06 78 1420              .3        0.005     0.016    0.001L    0.001L
31 07 78 1010              .3        0.005     0.016    0.001L    0.001L
30 08 78 1025              .3        0.005     0.016    0.001L    0.001L
25 09 78 1040              .3                  0.033
23 10 78 1040              .3                  0.033

                      MAXIMUM        0.005     0.033     0.001     0.001
           AVG OR GEOM MN (*)        0.005     0.023    0.001D    0.001D
                      MINIMUM        0.005     0.016     0.001     0.001

                NO OF SAMPLES            3         5         3         3
```

```
 B.O.W./ SITE: LAKE SUPERIOR                                                              STATION ID:  01-0000-005-01
 SAMPLE POINT: NEAR ABITIBI THUNDER BAY PAPER MILL SLIP
 STATION TYPE: LAKE                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                      MINOR BASIN: LAKE SUPERIOR                                     001

STN NO:      5    LAT:                 LONG:             U T M: 16 0340425.0 5370550.0 4    REGION: 06

                                        934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO  COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS                MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

22 05 78 1140                .3       20068     4.  L     4.  L     4.  L       7.5      12.2       1.4     0.002     0.001    0.010L
26 06 78 1410                .3       20092       48.     4.  L     4.  L      10.5      10.6       5.0     0.014     0.001
31 07 78 1000                .3       20116      140.        4.     4.  L      11.0       9.9       2.2     0.004     0.001
30 08 78 1030                .3       20140     4.  L        4.     4.  L       9.5      10.1       0.2    0.001L     0.001
25 09 78 1015                .3       20164       10.     4.  L        4.      10.0      10.8       1.2     0.001     0.001
23 10 78 1020                .3       20188     4.  L     4.  L     4.  L       6.0      11.4       0.4     0.005     0.001

                        MAXIMUM                  140.        4.        4.      11.0      12.2       5.0     0.014     0.001     0.010
             AVG OR GEOM MN (*)                13.* D     4.* D     4.* D       9.1      10.8       1.7    0.005D     0.001    0.010D
                        MINIMUM                    4.        4.        4.       6.0       9.9       0.2     0.001     0.001     0.010

                  NO OF SAMPLES                     6         6         6         6         6         6         6         6         1

                                         20        21        22        17        18        23         5         6        14        16
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS       25C  FORMAZIN
               FEET      MTRS          MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1140                .3       0.120     0.004     0.260     0.274     0.110     0.384      55.0       1.0        98      1.10
26 06 78 1410                .3                                                                   120.0       5.0       114      2.10
31 07 78 1000                .3                                                                    45.0       2.0       107      2.30
30 08 78 1030                .3                                                                    65.0       1.0       101      0.72
25 09 78 1015                .3                                                                    60.0       1.0       108      1.10
23 10 78 1020                .3                                                                    45.0       1.0       100      1.50

                        MAXIMUM       0.120     0.004     0.260     0.274     0.110     0.384     120.0       5.0       114      2.30
             AVG OR GEOM MN (*)       0.120     0.004     0.260     0.274     0.110     0.384      65.0       1.8       105      1.47
                        MINIMUM       0.120     0.004     0.260     0.274     0.110     0.384      45.0       1.0        98      0.72

                  NO OF SAMPLES           1         1         1         1         1         1         6         6         6         6

                                         56        52        55        71       208        76        68       265       225       229
SAMP DTE HOUR  STN  STN SAMP  PJ   CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH          MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN   ARSENIC    COPPER      LEAD
               FEET      MTRS                    MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

26 06 78 1410                .3         2.0        43      7.20               0.150      46.0         5    0.004L     0.004    0.005L
31 07 78 1000                .3         2.0        42      7.60                          46.0        5L    0.004L     0.004    0.005L
30 08 78 1030                .3         2.0        45      7.80       7.0                46.0        5L    0.004L     0.004    0.005L
25 09 78 1015                .3         2.0        43      7.80       7.2     0.100      52.0         5    0.004L    0.001L    0.010L
23 10 78 1020                .3         2.0        42      7.80       7.7                44.0         5    0.004L    0.001L    0.010L

                        MAXIMUM         2.0        45      7.80       7.7     0.150      52.0         5     0.004     0.004     0.010
             AVG OR GEOM MN (*)         2.0        43      7.64       7.3     0.125      46.8        5D    0.004D    0.003D    0.007D
                        MINIMUM         2.0        42      7.20       7.0     0.100      44.0         5     0.004     0.001     0.005

                  NO OF SAMPLES           5         5         5         3         2         5         5         5         5         5




                                        215       249       201       238       272       217
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE     TOTAL
DY MO YR LMT   DIST BRG DEPTH       CADMIUM      ZINC        MN    NICKEL   CYANIDE    COBALT
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L   MG/L CN      MG/L

26 06 78 1410                .3      0.001L     0.023     0.016     0.003     0.01L    0.001L
31 07 78 1000                .3      0.001L     0.023     0.016     0.003     0.01L    0.001L
30 08 78 1030                .3      0.001L     0.023     0.016     0.003     0.01L    0.001L
25 09 78 1015                .3       0.001     0.003     0.004    0.001L              0.001L
23 10 78 1020                .3       0.001     0.003     0.004    0.001L              0.001L

                        MAXIMUM       0.001     0.023     0.016     0.003      0.01     0.001
             AVG OR GEOM MN (*)      0.001D     0.015     0.011    0.002D     0.01D    0.001D
                        MINIMUM       0.001     0.003     0.004     0.001      0.01     0.001

                  NO OF SAMPLES           5         5         5         5         3         5


 B.O.W./ SITE: LAKE SUPERIOR                                                              STATION ID:  01-0000-006-01
 SAMPLE POINT: AT ABITIBI THUNDER BAY PAPER MILL DITCH Y
 STATION TYPE: LAKE                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                      MINOR BASIN: LAKE SUPERIOR                                     001

STN NO:      6    LAT:                 LONG:             U T M: 16 0340100.0 5370100.0 4    REGION: 06

                                        934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO  COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS                MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

22 05 78 1145                .3       20069     4.  L     4.  L     4.  L       9.5      12.0       2.0     0.010     0.001    0.010L
26 06 78 1400                .3       20093      112.     4.  L        4.      12.5      10.9       4.4     0.017     0.002
31 07 78 1002                .3       20117      800.       36.       40.      10.5       8.7       7.0     0.014     0.002
30 08 78 1035                .3       20141        4.     4.  L     4.  L       7.5      10.0       3.0    0.001L     0.001
25 09 78 1030                .3       20165     6000.     4.  L   600.  G      12.5       9.8      95.0     0.110     0.008
23 10 78 1025                .3       20189      200.     4.  L       40.       6.5      11.6       5.0     0.006     0.001

                        MAXIMUM                 6000.       36.      600.      12.5      12.0      95.0     0.110     0.008     0.010
             AVG OR GEOM MN (*)               109.* D     6.* D    20.* E       9.8      10.5      19.4    0.026D     0.003    0.010D
                        MINIMUM                    4.        4.        4.       6.5       8.7       2.0     0.001     0.001     0.010

                  NO OF SAMPLES                     6         6         6         6         6         6         6         6         1

                                         20        21        22        17        18        23         5         6        14        16
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS       25C  FORMAZIN
               FEET      MTRS          MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1145                .3       0.140     0.003     0.260     0.273     0.130     0.403      65.0       2.0        96      2.00
26 06 78 1400                .3                                                                   110.0       5.0       117      2.80
31 07 78 1002                .3                                                                    90.0       5.0       117      4.20
30 08 78 1035                .3                                                                    70.0       1.0       105      1.10
25 09 78 1030                .3                                                                   480.0       9.0       267     16.00
23 10 78 1025                .3                                                                    65.0       2.0       115      2.50

                        MAXIMUM       0.140     0.003     0.260     0.273     0.130     0.403     480.0       9.0       267     16.00
             AVG OR GEOM MN (*)       0.140     0.003     0.260     0.273     0.130     0.403     146.7       4.0       136      4.77
                        MINIMUM       0.140     0.003     0.260     0.273     0.130     0.403      65.0       1.0        96      1.10

                  NO OF SAMPLES           1         1         1         1         1         1         6         6         6         6

                                                                                                                         ( C O N T D )
```

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
26 06 78 1400			.3		2.0	45	7.20		0.250	44.0	15	0.001	0.005L	0.001L
31 07 78 1002			.3		3.0	43	7.50			46.0	5	0.001	0.005L	0.001L
30 08 78 1035			.3		2.0	45	7.70	7.4		48.0	5L	0.001	0.005L	0.001L
25 09 78 1030			.3		8.0	36	6.70	6.3	0.460	60.0		0.004	0.010L	0.001L
23 10 78 1025			.3		3.0	42	7.50	7.5		48.0	5	0.004	0.010L	0.001L
MAXIMUM					8.0	45	7.70	7.5	0.460	60.0	15	0.004	0.010	0.001
AVG OR GEOM MN (*)					3.6	42	7.32	7.1	0.355	49.2	8D	0.002	0.007D	0.001D
MINIMUM					2.0	36	6.70	6.3	0.250	44.0	5	0.001	0.005	0.001
NO OF SAMPLES					5	5	5	3	2	5	4	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
26 06 78 1400			.3		0.027	0.025	0.001	0.001L
31 07 78 1002			.3		0.027	0.025	0.001	0.001L
30 08 78 1035			.3		0.027	0.025	0.001	0.001L
25 09 78 1030			.3		0.740	0.230	0.001L	0.001L
23 10 78 1025			.3		0.740	0.230	0.001L	0.001L
MAXIMUM					0.740	0.230	0.001	0.001
AVG OR GEOM MN (*)					0.312	0.107	0.001D	0.001D
MINIMUM					0.027	0.025	0.001	0.001
NO OF SAMPLES					5	5	5	5

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: THREE AND ONE HALF MILES NORTH EAST OF WELCOME ISLANDS LIGHTHOUSE
STATION TYPE: LAKE
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
STATION ID: 01-0000-007-01
STORET CODE: 02 001

STN NO: 7 LAT: LONG: U T M: 16 0345600.0 5362250.0 4 REGION: 06

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
23 05 78 1200			.3		20057	4. L	4. L	4. L			0.6	0.007	0.001	0.010L
26 06 78 1340			.3		20081	44.	4. L	4. L	10.0	11.6	0.2	0.004	0.001	
31 07 78 0935			.3		20105	4. L	4. L	4. L	10.5	10.3	1.3	0.002	0.001L	
30 08 78 1100			.3		20129	4. L	4. L	4. L	12.0	9.8	0.8	0.002	0.001	
25 09 78 1000			.3		20153	4. L	4. L	4. L	10.0	11.3	0.8	0.001L	0.001	
23 10 78 1000			.3		20177	4. L	4. L	4. L	7.0	11.9	0.6	0.007	0.001L	
MAXIMUM						44.	4.	4.	12.0	11.9	1.3	0.007	0.001	0.010
AVG OR GEOM MN (*)						6.* D	4.* D	4.* D	9.9	11.0	0.7	0.004D	0.001D	0.010D
MINIMUM						4.	4.	4.	7.0	9.8	0.2	0.001	0.001	0.010
NO OF SAMPLES						6	6	6	5	5	6	6	6	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
23 05 78 1200			.3		0.110	0.003	0.280	0.293	0.100	0.393	60.0	1.0	95	0.50
26 06 78 1340			.3								65.0	1.0	100	0.75
31 07 78 0935			.3								50.0	1.0	103	0.40
30 08 78 1100			.3								65.0	1.0	102	0.48
25 09 78 1000			.3								70.0	1.0	103	0.50
23 10 78 1000			.3								40.0	1.0	101	0.65
MAXIMUM					0.110	0.003	0.280	0.293	0.100	0.393	70.0	1.0	103	0.75
AVG OR GEOM MN (*)					0.110	0.003	0.280	0.293	0.100	0.393	58.3	1.0	101	0.55
MINIMUM					0.110	0.003	0.280	0.293	0.100	0.393	40.0	1.0	95	0.40
NO OF SAMPLES					1	1	1	1	1	1	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
26 06 78 1340			.3		2.0	3.5	45	7.70		0.050	48.0	5L		
31 07 78 0935			.3		2.0		43	7.80		0.200	44.0	5L		0.001L
30 08 78 1100			.3		2.0		45	7.80	7.9	0.050L	46.0	5L		0.001
25 09 78 1000			.3		2.0	3.2	44	7.90	7.0	0.055	44.0	5L	0.004L	0.002
23 10 78 1000			.3		1.0		42	7.70		0.052	44.0	5		0.003
MAXIMUM					2.0	3.5	45	7.90	7.9	0.200	48.0	5	0.004	0.003
AVG OR GEOM MN (*)					1.8	3.4	44	7.78	7.5	0.081D	45.2	5D	0.004D	0.002D
MINIMUM					1.0	3.2	42	7.70	7.0	0.050	44.0	5	0.004	0.001
NO OF SAMPLES					5	2	5	5	2	5	5	5	1	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
31 07 78 0935			.3		0.005L	0.002	0.002	0.005	0.001L	0.001L
30 08 78 1100			.3		0.005L	0.001L	0.001		0.001L	0.001L
25 09 78 1000			.3		0.010L	0.001L	0.001	0.001	0.001L	0.001L
23 10 78 1000			.3		0.016	0.001	0.008	0.002	0.001L	0.001L
MAXIMUM					0.016	0.002	0.008	0.005	0.001	0.001
AVG OR GEOM MN (*)					0.009D	0.001D	0.003	0.003	0.001D	0.001D
MINIMUM					0.005	0.001	0.001	0.001	0.001	0.001
NO OF SAMPLES					4	4	4	3	4	4

```
                                                                                  DATE OF REPORT  25 OCT 79  PAGE     8
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS
                                                                                    STATION ID:  01-0000-010-01
B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 2.5 KILOMETERS EAST OF MCKELLAR ISLAND                                              STORET CODE: 02
STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                                 001
                                                      MINOR BASIN: LAKE SUPERIOR

STN NO:     10     LAT:                LONG:            U T M: 16 0339800.0 5359800.0 4    REGION: 06

                                              934       80        81        84       805        3         1        33        34        19
SAMP DTE HOUR   STN  STN SAMP   PJ          SAMPLE     TOTAL     FECAL     M.F.     WATER     DISS.    5-DAY     TOTAL   FILTERED  FILTERED
DY MO YR LMT    DIST BRG DEPTH                  NO  COLIFORM  COLIFORM    ENTER.    TEMP.       O2      BOD         P   REACTIVE  AMMONIA
                FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L      MG/L    P MG/L     MG/L

22 05 78 1200               .3               20058     800.       4. L      4. L                        1.1     0.014     0.001    0.010L
26 06 78 1140               .3               20082     800.     200.        4. L     13.0       8.7     1.4     0.030     0.002
31 07 78 0920               .3               20106     370.     184.        4. L     10.0      10.1     1.1     0.003     0.001
30 08 78 1120               .3               20130    2200.      88.       16.       13.0       9.1     1.0     0.006     0.002
25 09 78 1215               .3               20154      56.       4. L      4. L     10.0      11.2     0.8     0.002     0.001L
23 10 78 1325               .3               20178       8.       4. L      4.        6.0      11.7     0.6     0.004     0.001L

                        MAXIMUM                       2200.     200.       16.       13.0      11.7     1.4     0.030     0.002     0.010
            AVG OR GEOM MN (*)                         248.*     24.* D     5.* D    10.4      10.2     1.0     0.010     0.001D    0.010D
                        MINIMUM                          8.       4.        4.        6.0       8.7     0.6     0.002     0.001     0.010

                NO OF SAMPLES                            6         6         6         5         5       6         6         6         1

                                              20        21        22        17        18        23        5         6         14        16
SAMP DTE HOUR   STN  STN SAMP   PJ          TOTAL   FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT    DIST BRG DEPTH           KJELDAHL   NO2-N     NO3-N          N   ORGNC  N             SOLIDS    SOLIDS      25C  FORMAZIN
                FEET      MTRS               MG/L   MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1200               .3               0.210     0.005     0.210     0.225     0.200     0.425     280.0       2.0       103      2.40
26 06 78 1140               .3                                                                         180.0       5.0       125      2.70
31 07 78 0920               .3                                                                          50.0       2.0       106      1.30
30 08 78 1120               .3                                                                          65.0       3.0       108      1.70
25 09 78 1215               .3                                                                          70.0       1.0       106      1.10
23 10 78 1325               .3                                                                          45.0       1.0       102      0.88

                        MAXIMUM              0.210     0.005     0.210     0.225     0.200     0.425     280.0       5.0       125      2.70
            AVG OR GEOM MN (*)               0.210     0.005     0.210     0.225     0.200     0.425     115.0       2.3       108      1.68
                        MINIMUM              0.210     0.005     0.210     0.225     0.200     0.425      45.0       1.0       102      0.88

                NO OF SAMPLES                    1         1         1         1         1         1         6         6         6         6

                                              56        59        52        55        71        208       76        68        225       229
SAMP DTE HOUR   STN  STN SAMP   PJ        CHLORIDE  SULPHATE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH                MG/L              AT LAB    AT LAB   IN SITU      IRON  HARDNESS     HAZEN    COPPER      LEAD
                FEET      MTRS                          MG/L      MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L

22 05 78 1200               .3                 3.0
26 06 78 1140               .3                 7.0       7.4        45      7.20               0.300      46.0        30     0.003    0.005L
31 07 78 0920               .3                 2.0                  42      7.80                          44.0         5
30 08 78 1120               .3                 3.0                  45      7.70       7.5                48.0         5L
25 09 78 1215               .3                 2.0       3.1        44      7.90       7.4     0.120      52.0         5     0.003    0.010L
23 10 78 1325               .3                 2.0                  42      7.70                          46.0         5     0.003    0.010L

                        MAXIMUM                7.0       7.4        45      7.90       7.5     0.300      52.0        30     0.003    0.010
            AVG OR GEOM MN (*)                 3.2       5.3        44      7.66       7.5     0.210      47.2        10D    0.003    0.008D
                        MINIMUM                2.0       3.1        42      7.20       7.4     0.120      44.0         5     0.003    0.005

                NO OF SAMPLES                    6         2         5         5         2         2         5         5         3         3



                                              215       249       201       238       217
SAMP DTE HOUR   STN  STN SAMP   PJ          TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH            CADMIUM      ZINC        MN    NICKEL    COBALT
                FEET      MTRS               MG/L      MG/L      MG/L      MG/L      MG/L

26 06 78 1140               .3              0.001L    0.001L     0.017     0.002    0.001L
31 07 78 0920               .3                                   0.005
30 08 78 1120               .3                                   0.005
25 09 78 1215               .3              0.001L    0.003      0.004     0.001L   0.001L
23 10 78 1325               .3              0.001L    0.003      0.004     0.001L   0.001L

                        MAXIMUM              0.001     0.003     0.017     0.002     0.001
            AVG OR GEOM MN (*)               0.001D    0.002D    0.007     0.001D    0.001D
                        MINIMUM              0.001     0.001     0.004     0.001     0.001

                NO OF SAMPLES                    3         3         5         3         3

                                                                                    STATION ID:  01-0000-011-01
B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: 2 KILOMETES EAST OF NORTHEN WOOD PRESERVERS                                          STORET CODE: 02
STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                                 001
                                                      MINOR BASIN: LAKE SUPERIOR

STN NO:     11     LAT:                LONG:            U T M: 16 0339850.0 5365200.0 4    REGION: 06

                                              934       80        81        84       805        3         1        33        34        19
SAMP DTE HOUR   STN  STN SAMP   PJ          SAMPLE     TOTAL     FECAL     M.F.     WATER     DISS.    5-DAY     TOTAL   FILTERED  FILTERED
DY MO YR LMT    DIST BRG DEPTH                  NO  COLIFORM  COLIFORM    ENTER.    TEMP.       O2      BOD         P   REACTIVE  AMMONIA
                FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L      MG/L    P MG/L     MG/L

22 05 78 1200               .3               20059     240.       4. L      4. L                        0.9     0.013     0.001    0.010L
26 06 78 1325               .3               20083    2400.     510.        8.       12.5      10.2     0.8     0.014     0.001
31 07 78 1025               .3               20107     170.      52.        4. L     10.5      10.2     1.2     0.001L    0.001
30 08 78 1110               .3               20131       4. L     4. L      4. L     12.0       9.8     0.6     0.003     0.002
25 09 78 0945               .3               20155       8.       4. L      4. L     10.0      11.0     0.8     0.001L    0.001L

                        MAXIMUM                       2400.     510.        8.       12.5      11.0     1.2     0.014     0.002     0.010
            AVG OR GEOM MN (*)                          79.* D   18.* D     5.* D    11.3      10.3     0.9     0.006D    0.001D    0.010D
                        MINIMUM                          4.       4.        4.       10.0       9.8     0.6     0.001     0.001     0.010

                NO OF SAMPLES                            5         5         5         4         4       5         5         5         1

                                              20        21        22        17        18        23        5         6         14        16
SAMP DTE HOUR   STN  STN SAMP   PJ          TOTAL   FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.     COND.     TURB.
DY MO YR LMT    DIST BRG DEPTH           KJELDAHL   NO2-N     NO3-N          N   ORGNC  N             SOLIDS    SOLIDS      25C  FORMAZIN
                FEET      MTRS               MG/L   MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

22 05 78 1200               .3               0.200     0.005     0.220     0.235     0.190     0.425      70.0       3.0       100      2.20
26 06 78 1325               .3                                                                         100.0       5.0       111      3.00
31 07 78 1025               .3                                                                          50.0       1.0       104      9.80
30 08 78 1110               .3                                                                          70.0       1.0       102      0.48
25 09 78 0945               .3                                                                          70.0       1.0       106      1.10

                        MAXIMUM              0.200     0.005     0.220     0.235     0.190     0.425     100.0       5.0       111      9.80
            AVG OR GEOM MN (*)               0.200     0.005     0.220     0.235     0.190     0.425      72.0       2.2       105      3.32
                        MINIMUM              0.200     0.005     0.220     0.235     0.190     0.425      50.0       1.0       100      0.48

                NO OF SAMPLES                    1         1         1         1         1         1         5         5         5         5

                                                                                                              ( C O N T D )
```

```
                                      56        59        52        55        71       208        76        68       225       229
SAMP DTE HOUR  STN  STN SAMP  PJ  CHLORIDE  SULPHATE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         MG/L              AT LAB    AT LAB   IN SITU      IRON  HARDNESS     HAZEN    COPPER      LEAD
               FEET       MTRS                  MG/L      MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L

22 05 78 1200               .3         3.0
26 06 78 1325               .3         4.0       5.5        45      7.40               0.150      46.0        15     0.004    0.005L
31 07 78 1025               .3         2.0                  43      7.90                          44.0         5
30 08 78 1110               .3         2.0                  45      8.00       7.8                48.0        5L
25 09 78 0945               .3         2.0       2.5        44      7.90       6.4     0.038      50.0         5     0.001    0.010L

                       MAXIMUM         4.0       5.5        45      8.00       7.8     0.150      50.0        15     0.004     0.010
          AVG OR GEOM MN (*)           2.6       4.0        44      7.80       7.1     0.094      47.0        80     0.003    0.0080
                       MINIMUM         2.0       2.5        43      7.40       6.4     0.038      44.0         5     0.001     0.005

              NO OF SAMPLES              5         2         4         4         2         2         4         4         2         2

                                     215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET       MTRS        MG/L      MG/L      MG/L      MG/L      MG/L

26 06 78 1325               .3      0.001L     0.003     0.009    0.001L     0.002
31 07 78 1025               .3                          0.005L
30 08 78 1110               .3                          0.005L
25 09 78 0945               .3      0.001L    0.001L     0.003    0.001L    0.001L

                       MAXIMUM       0.001     0.003     0.009     0.001     0.002
          AVG OR GEOM MN (*)        0.001D    0.002D    0.0060    0.001D    0.0020
                       MINIMUM       0.001     0.001     0.003     0.001     0.001

              NO OF SAMPLES              2         2         4         2         2
```

```
B.O.W./ SITE: MONTREAL RIVER                                                                    STATION ID:  01-0009-001-02
SAMPLE POINT: HIGHWAY NO 17 66 MILES SOUTH OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BE002                MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                          MINOR BASIN: LAKE SUPERIOR                                       001
                                                          TERM STREAM: MONTREAL RIVER                                      0410

STN NO:      1    LAT:             LONG:                  U T M: 16 0678200.0 5234175.0 4    REGION: 05            MILEAGE:    0.50
```

```
                                     934       444        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                       MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

05 02 78 1245               .3       24015   1800.00        0.        0.        0.       0.0      15.0       1.2     0.023     0.007
25 03 78 1110               .3       24037   1770.00                                     0.0      15.0       0.2     0.012     0.004
11 06 78 1235               .3       24060   1200.00                                    10.0       9.0       1.0
08 07 78 1215               .3       24083    895.00                                    13.0       9.0       0.5     0.007    0.001L
04 08 78 1330               .3       24106   1110.00                                    12.0       7.0       0.2     0.008     0.004
01 10 78 1030               .3       24129   1780.00                                    10.0       9.0       0.8     0.005     0.002
04 11 78 1545               .3       24152    750.00                                    10.0      11.0       0.4     0.009     0.001
30 12 78 1250               .3       24174    695.00                                     2.0      12.0       0.4     0.006     0.001




                       MAXIMUM               1800.00      0.00      0.00      0.00      13.0      15.0       1.2     0.023     0.007
          AVG OR GEOM MN (*)                 1250.00       1.*       1.*       1.*       7.1      10.9       0.6     0.010    0.0030
                       MINIMUM                695.00        0.        0.        0.       0.0       7.0       0.2     0.005     0.001

              NO OF SAMPLES                        8         1         1         1         8         8         8         7         7

                                      19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET       MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

05 02 78 1245               .3       0.004     0.370     0.004     0.121     0.129     0.366     0.495      40.0       0.6        39
25 03 78 1110               .3       0.002     0.350     0.001     0.204     0.207     0.348     0.555      46.0       1.6        44
11 06 78 1235               .3                                                                            42.0       1.9        40
08 07 78 1215               .3       0.034     0.350     0.001     0.340     0.375     0.316     0.691      34.0       0.2        34
04 08 78 1330               .3       0.016     0.300     0.004     0.365     0.385     0.284     0.669      37.0       0.6        36
01 10 78 1030               .3       0.026     0.430     0.004     0.275     0.305     0.404     0.709      37.0       0.7        36
04 11 78 1545               .3       0.016      0.43     0.005     0.270     0.291     0.414     0.705       38.        2.        36
30 12 78 1250               .3       0.101     0.530     0.002     0.301     0.404     0.429     0.833       43.       1.0        42

                       MAXIMUM       0.101     0.530     0.005     0.365     0.404     0.429     0.833      46.0        2.        44
          AVG OR GEOM MN (*)         0.028     0.394     0.003     0.268     0.299     0.366     0.665      39.6       1.1        38
                       MINIMUM       0.002     0.300     0.001     0.121     0.129     0.284     0.495      34.0       0.2        34

              NO OF SAMPLES              7         7         7         7         7         7         7         8         8         8

                                      14        16        56        59       280        55       208        25        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C
               FEET       MTRS       UMHOS     UNITS                MG/L   SI MG/L                MG/L      UG/L      MG/L      MG/L

05 02 78 1245               .3          61      1.30       0.6       8.5      2.45      6.76     0.170       1.0                  37
25 03 78 1110               .3          67      1.20       0.8      13.0      2.65      6.67     0.310       1.0      12.0        44
11 06 78 1235               .3          61      0.70                                    7.06                1.0L       7.3
08 07 78 1215               .3          53      0.75       0.6       8.0      2.55      6.93     0.140                 8.4
04 08 78 1330               .3          55      0.40       0.6       7.5      2.50      6.92     0.160                 7.7
01 10 78 1030               .3          55      0.80       0.7       8.0      2.15      6.92     0.130      1.0L       9.2
04 11 78 1545               .3          56       0.9       0.6       7.5      2.10      6.81      0.17        1.       9.4
30 12 78 1250               .3          65       0.5       1.0       9.0      2.55      7.04     0.170                  8.

                       MAXIMUM          67      1.30       1.0      13.0      2.65      7.06     0.310       1.0      12.0        44
          AVG OR GEOM MN (*)            59      0.82       0.7       8.8      2.42      6.89     0.179      1.00       8.9        41
                       MINIMUM          53      0.40       0.6       7.5      2.10      6.67     0.130       1.0       7.3        37

              NO OF SAMPLES              8         8         7         7         7         8         7         5         7         2
```

(C O N T D)

STATION ID: 01-0009-001-02

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: HIGHWAY NO 17 66 MILES SOUTH OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BE002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
001
0410

STN NO: 1 LAT: LONG: U T M: 16 0678200.0 5234175.0 4 REGION: 05 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 06 78 1235			.3		0.001L	0.030L	0.020L	0.120	0.030L	0.005L	0.020	0.020L
04 11 78 1545			.3		0.001	0.060		0.010L	0.030L	0.005L	0.010	0.040L
MAXIMUM					0.001	0.060	0.020	0.120	0.030	0.005	0.020	0.040
AVG OR GEOM MN (*)					0.001D	0.045D	0.020D	0.065D	0.030D	0.005D	0.015	0.030D
MINIMUM					0.001	0.030	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	2	1	2	2	2	2	2

STATION ID: 01-0012-001-02

B.O.W./ SITE: AGAWA RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: AGAWA RIVER

STORET CODE: 02
001
0470

STN NO: 1 LAT: LONG: U T M: 16 0678450.0 5247525.0 4 REGION: 05 MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
25 03 78 1215			.3		24038				0.0	14.0	0.2	0.006	0.001	0.030
05 04 78 1325			.3		24016	0.	0.	0.	0.0	16.0	0.8	0.005	0.001	0.034
11 06 78 1345			.3		24061				15.0	9.0	0.4			
08 07 78 1310			.3		24084				19.0	9.0	0.4	0.011	0.001L	0.024
04 08 78 1415			.3		24107				18.0	9.0	0.2	0.006	0.001	0.020
01 10 78 1130			.3		24130				12.0	11.0	0.6	0.006	0.002	0.014
04 11 78 1515			.3		24153				8.0	13.0	0.8	0.012	0.001L	0.010
30 12 78 1330			.3		24175				1.0	12.0	0.4	0.010	0.001L	0.032
MAXIMUM						0.00	0.00	0.00	19.0	16.0	0.8	0.012	0.002	0.034
AVG OR GEOM MN (*)						1.*	1.*	1.*	9.1	11.6	0.5	0.008	0.001D	0.023
MINIMUM						0.	0.	0.	0.0	9.0	0.2	0.005	0.001	0.010
NO OF SAMPLES						1	1	1	8	8	8	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
25 03 78 1215			.3		0.220	0.001L	0.369	0.400	0.190	0.590	37.0	0.8	36	55
05 04 78 1325			.3		0.200	0.002	0.278	0.314	0.166	0.480	35.0	0.3	35	54
11 06 78 1345			.3								28.0	0.7	27	42
08 07 78 1310			.3		0.350	0.001	0.225	0.250	0.326	0.576	29.0	5.7	23	36
04 08 78 1415			.3		0.300	0.003	0.170	0.193	0.280	0.473	29.0	2.0	27	42
01 10 78 1130			.3		0.170	0.003	0.130	0.147	0.156	0.303	70.0	0.8	69	106
04 11 78 1515			.3		0.25	0.004	0.296	0.310	0.240	0.550	32.	4.	28	43
30 12 78 1330			.3		0.290	0.002	0.359	0.393	0.258	0.651	36.	1.2	35	53
MAXIMUM					0.350	0.004	0.369	0.400	0.326	0.651	70.0	5.7	69	106
AVG OR GEOM MN (*)					0.254	0.002D	0.261	0.287	0.231	0.518	37.0	1.9	35	54
MINIMUM					0.170	0.001	0.130	0.147	0.156	0.303	28.0	0.3	23	36
NO OF SAMPLES					7	7	7	7	7	7	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	235 TOTAL MERCURY UG/L
25 03 78 1215			.3		1.30	0.8	7.5	3.45	7.19	0.300	4.0	42	
05 04 78 1325			.3		1.20	0.7	8.0	3.55	6.81	0.130		24	
11 06 78 1345			.3		0.30				7.07		4.6		0.030L
08 07 78 1310			.3		1.00	0.5	9.5	1.95	6.99	0.300	6.9		
04 08 78 1415			.3		0.40	0.7	7.0	2.25	6.91	0.110	5.5		
01 10 78 1130			.3		0.60	1.4	6.5	4.65	7.16	0.150	2.1		
04 11 78 1515			.3		1.1	0.7	7.5	2.90	6.85	0.17	5.9		0.020
30 12 78 1330			.3		1.1	1.7	8.5	3.55	7.46	0.090	4.		
MAXIMUM					1.30	1.7	9.5	4.65	7.46	0.300	6.9	42	0.030
AVG OR GEOM MN (*)					0.88	0.9	7.8	3.19	7.06	0.179	4.7	33	0.025D
MINIMUM					0.30	0.5	6.5	1.95	6.81	0.090	2.1	24	0.020
NO OF SAMPLES					8	7	7	7	8	7	7	2	2

STATION ID: 01-0029-001-02

B.O.W./ SITE: MICHIPICOTEN RIVER
SAMPLE POINT: HIGHWAY 17 5 MILES SOUTH OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BD002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MICHIPICOTEN RIVER

STORET CODE: 02
001
0900

STN NO: 1 LAT: LONG: U T M: 16 0664000.0 5309800.0 4 REGION: 05 MILEAGE: 3.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
25 03 78 1250			.3		24039	3040.00				0.0	16.0	0.2	0.002	0.001
05 04 78 1500			.3		24017	2910.00	0.	0.	0.	0.0	16.0	0.5	0.013	0.001
11 06 78 1500			.3		24062	1700.00				12.0	10.0	0.2		
08 07 78 1415			.3		24085	2490.00				17.0	10.0	0.4	0.011	0.001
04 08 78 1530			.3		24108	3060.00				18.0	9.0	0.2	0.006	0.001
01 10 78 1230			.3		24131	1630.00				11.0	10.0	0.4	0.004	0.001
04 11 78 1415			.3		24154	2220.00				9.0	10.0		0.020	0.001L
30 12 78 1430			.3		24176	2590.00				2.0	11.0	0.4	0.014	0.001L
MAXIMUM						3060.00	0.00	0.00	0.00	18.0	16.0	0.5	0.020	0.001
AVG OR GEOM MN (*)						2455.00	1.*	1.*	1.*	8.6	11.5	0.3	0.010	0.001D
MINIMUM						1630.00	0.	0.	0.	0.0	9.0	0.2	0.002	0.001
NO OF SAMPLES						8	1	1	1	8	8	7	7	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
25 03 78 1250			.3		0.012	0.220	0.001L	0.150	0.163	0.208	0.371	59.0	2.0	57
05 04 78 1500			.3		0.010	0.210	0.002	0.083	0.095	0.200	0.295	53.0	0.4	53
11 06 78 1500			.3									44.0	3.2	41
08 07 78 1415			.3		0.016	0.280	0.001	0.195	0.212	0.264	0.476	47.0	5.2	42
04 08 78 1530			.3		0.012	0.260	0.002	0.155	0.169	0.248	0.417	45.0	1.3	44
01 10 78 1230			.3		0.018	0.250	0.002	0.035	0.055	0.232	0.287	49.0	0.6	48
04 11 78 1415			.3		0.010	0.36	0.003	0.152	0.165	0.350	0.515	59.	14.	45
30 12 78 1430			.3		0.025	0.340	0.002	0.220	0.247	0.315	0.562	65.	1.7	63
MAXIMUM					0.025	0.36	0.003	0.220	0.247	0.350	0.562	65.	14.	63
AVG OR GEOM MN (*)					0.015	0.274	0.002D	0.141	0.158	0.260	0.418	52.6	3.6	49
MINIMUM					0.010	0.210	0.001	0.035	0.055	0.200	0.287	44.0	0.4	41
NO OF SAMPLES					7	7	7	7	7	7	7	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
25 03 78 1250			.3		88	2.90	0.6	11.5	1.70	7.54	0.220	6.0	35	
05 04 78 1500			.3		82	2.10	0.6	10.0	1.80	7.16	0.060		60	
11 06 78 1500			.3		63	0.60				7.29		5.6	25	0.001L
08 07 78 1415			.3		64	1.80	0.6	9.5	2.10	7.21	0.220	7.0		
04 08 78 1530			.3		68	0.65	0.6	9.0	1.90	7.11	0.080	6.0		
01 10 78 1230			.3		74	0.90	0.6	9.0	1.85	7.49	0.090	5.6		
04 11 78 1415			.3		69	2.1	0.7	8.5	2.05	6.98	0.26	7.2		0.001
30 12 78 1430			.3		96	1.1	4.5	12.5	2.10	7.08	0.090	6.		
MAXIMUM					96	2.90	4.5	12.5	2.10	7.54	0.26	7.2	60	0.001
AVG OR GEOM MN (*)					76	1.52	1.2	10.0	1.93	7.23	0.146	6.2	40	0.001D
MINIMUM					63	0.60	0.6	8.5	1.70	6.98	0.060	5.6	25	0.001
NO OF SAMPLES					8	8	7	7	7	8	7	7	3	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 06 78 1500			.3		0.030L	0.020L	0.090	0.030L	0.005L	0.010L	0.020L
04 11 78 1415			.3		0.030		0.010L	0.030L	0.005L	0.010	0.020
MAXIMUM					0.030	0.020	0.090	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					0.030D	0.020D	0.050D	0.030D	0.005D	0.010D	0.020D
MINIMUM					0.030	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	1	2	2	2	2	2

B.O.W./ SITE: MAGPIE RIVER
SAMPLE POINT: HIGHWAY 17 1 MILE WEST OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BD003

STATION ID: 01-0029-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MAGPIE RIVER

STORET CODE: 02
001
0920

STN NO: 2 LAT: LONG: U T M: 16 0664500.0 5316325.0 4 REGION: 05 MILEAGE: 7.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
25 03 78 1410			.3		24042	259.00	0.0	15.0	0.5	0.022	0.007	0.024	0.340	0.008
11 06 78 1555			.3		24065	1650.00	14.0	10.0	0.2					
08 07 78 1520			.3		24088	1310.00	19.0	8.0	1.4	0.023	0.002	0.132	0.720	0.003
04 08 78 1630			.3		24111	763.00	17.0	9.0	0.2	0.009	0.005	0.086	0.360	0.002
01 10 78 1315			.3		24134	419.00	12.0	9.0	0.4	0.081	0.073	0.246	0.510	0.009
04 11 78 1300			.3		24157	766.00	8.0	12.0	1.8	0.515	0.450	2.52	3.00	0.014
30 12 78 1515			.3		24179		1.5	12.0	0.8	0.018	0.001	0.103	0.560	0.004
MAXIMUM						1650.00	19.0	15.0	1.8	0.515	0.450	2.52	3.00	0.014
AVG OR GEOM MN (*)						861.17	10.2	10.7	0.8	0.111	0.090	0.519	0.915	0.007
MINIMUM						259.00	0.0	8.0	0.2	0.009	0.001	0.024	0.340	0.002
NO OF SAMPLES						6	7	7	7	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
25 03 78 1410			.3		0.242	0.274	0.316	0.590	110.0	1.6		108	166	1.70
11 06 78 1555			.3						66.0	1.9	64		99	0.80
08 07 78 1520			.3		0.147	0.282	0.588	0.870	89.0	6.3		83	128	1.90
04 08 78 1630			.3		0.090	0.178	0.274	0.452	87.0	3.9		83	128	0.90
01 10 78 1315			.3		0.200	0.455	0.264	0.719	107.0	0.2		107	165	1.20
04 11 78 1300			.3		0.041	2.575	0.480	3.055	121.	4.		117	180	2.8
30 12 78 1515			.3		0.206	0.313	0.457	0.770	107.	3.0		104	160	1.7
MAXIMUM					0.242	2.575	0.588	3.055	121.	6.3	64	117	180	2.8
AVG OR GEOM MN (*)					0.154	0.680	0.397	1.076	98.1	3.0	64	100	147	1.57
MINIMUM					0.041	0.178	0.264	0.452	66.0	0.2	64	83	99	0.80
NO OF SAMPLES					6	6	6	6	7	7	1	6	7	7

(CONTD)

STATION ID: 01-0029-002-02

B.O.W./ SITE: MAGPIE RIVER
SAMPLE POINT: HIGHWAY 17 1 MILE WEST OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BD003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MAGPIE RIVER

STORET CODE: 02 001 0920

STN NO: 2 LAT: LONG: U T M: 16 0664500.0 5316325.0 4 REGION: 05 MILEAGE: 7.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
25 03 78 1410			.3		1.5	25.5	2.10	3.7	55	7.55	0.120	1.0	79.0	24.00
11 06 78 1555			.3							6.94		1.0L		
08 07 78 1520			.3		1.8	25.5	1.40	2.0	37	7.40	0.260	1.0	59.0	17.80
04 08 78 1630			.3		1.3	20.5	1.45	3.2	41	7.33	0.090	1.0L	62.0	18.80
01 10 78 1315			.3		2.1	28.5	2.05	1.7	54	7.80	0.180	1.0L	75.0	23.00
04 11 78 1300			.3		4.8	23.0	2.0	4.7	43	7.15	0.29	1. L	64.	19.
30 12 78 1515			.3		5.8	24.0	2.05	2.8	47	7.54	0.19	5.0	67.	21.
MAXIMUM					5.8	28.5	2.10	4.7	55	7.80	0.29	5.0	79.0	24.00
AVG OR GEOM MN (*)					2.9	24.5	1.84	3.0	46	7.39	0.188	1.6D	67.7	20.60
MINIMUM					1.3	20.5	1.40	1.7	37	6.94	0.090	1.0	59.0	17.80
NO OF SAMPLES					6	6	6	6	6	7	6	7	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
25 03 78 1410			.3		4.70	20	0.85	1.80		35	0.063
11 06 78 1555			.3						6.4	14	
08 07 78 1520			.3		3.50	32	0.90	1.40	6.2	32	0.142
04 08 78 1630			.3		3.60	32	0.80	1.30		33	0.053
01 10 78 1315			.3		4.35	28	1.00	2.20		20	0.128
04 11 78 1300			.3		3.95	46	1.65	5.1		24	0.096
30 12 78 1515			.3		3.6	36	0.95	4.0		20	0.100
MAXIMUM					4.70	46	1.65	5.1	6.4	35	0.142
AVG OR GEOM MN (*)					3.95	32	1.03	2.63	6.3	25	0.097
MINIMUM					3.50	20	0.80	1.30	6.2	14	0.053
NO OF SAMPLES					6	6	6	6	2	7	6

STATION ID: 01-0029-003-02

B.O.W./ SITE: WAWA CREEK
SAMPLE POINT: HIGHWAY 17 3 MILES SOUTH OF WAWA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WAWA CREEK

STORET CODE: 02 001 0910

STN NO: 3 LAT: LONG: U T M: 16 0663500.0 5311475.0 4 REGION: 05 MILEAGE: 2.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
11 06 78 1540			.3		24064	10.0	9.0	0.2						
08 07 78 1500			.3		24087	12.0	9.0	0.8	0.048	0.001L	0.086	0.580	0.002	0.053
04 08 78 1610			.3		24110	12.0	8.0	0.2	0.006	0.002	0.098	0.310	0.003	0.045
01 10 78 1300			.3		24133	11.0	9.0	0.2	0.004	0.002	0.002	0.150	0.003	0.140
04 11 78 1340			.3		24156	7.0	8.0	0.6	0.014	0.001L	0.096	0.43	0.002	0.008
30 12 78 1505			.3		24178	1.0	9.0	0.4	0.011	0.001L	0.018	0.300	0.002	0.135
MAXIMUM						12.0	9.0	0.8	0.048	0.002	0.098	0.580	0.003	0.140
AVG OR GEOM MN (*)						8.8	8.7	0.4	0.017	0.001D	0.060	0.354	0.002	0.076
MINIMUM						1.0	8.0	0.2	0.004	0.001	0.002	0.150	0.002	0.008
NO OF SAMPLES						6	6	6	5	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 06 78 1540			.3					111.0	6.9	104		160	1.80	
08 07 78 1500			.3		0.141	0.494	0.635	109.0	27.0		82	126	5.80	2.7
04 08 78 1610			.3		0.146	0.212	0.358	106.0	5.1		101	155	0.60	4.1
01 10 78 1300			.3		0.145	0.148	0.293	110.0	3.2		107	165	0.90	6.2
04 11 78 1340			.3		0.106	0.334	0.440	119.	2.		117	180	0.9	5.6
30 12 78 1505			.3		0.155	0.282	0.437	126.0	1.7		124	190	1.5	7.0
MAXIMUM					0.155	0.494	0.635	126.0	27.0	104	124	190	5.80	7.0
AVG OR GEOM MN (*)					0.139	0.294	0.433	113.5	7.7	104	106	163	1.92	5.1
MINIMUM					0.106	0.148	0.293	106.0	1.7	104	82	126	0.60	2.7
NO OF SAMPLES					5	5	5	6	6	1	5	6	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
11 06 78 1540			.3						7.54		1.0L			
08 07 78 1500			.3		25.0	1.50	2.0	34	7.61	1.000	1.0	58.0	17.60	3.40
04 08 78 1610			.3		27.0	1.35	2.2	44	7.34	0.090	1.0L	72.0	21.80	4.30
01 10 78 1300			.3		24.0	1.80	1.2	53	7.83	0.090	1.0L	79.0	25.00	4.00
04 11 78 1340			.3		27.5	1.75	3.3	54	7.49	0.04	1. L	75.	22.	4.85
30 12 78 1505			.3		30.5	1.9	2.8	52	7.44	0.13	3.0	73.	22.	4.5
MAXIMUM					30.5	1.9	3.3	54	7.83	1.000	3.0	79.0	25.00	4.85
AVG OR GEOM MN (*)					26.8	1.66	2.3	47	7.54	0.270	1.3D	71.4	21.68	4.21
MINIMUM					24.0	1.35	1.2	34	7.34	0.04	1.0	58.0	17.60	3.40
NO OF SAMPLES					5	5	5	5	6	5	6	5	5	5

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
11 06 78 1540			.3					2.8	8	
08 07 78 1500			.3		64	0.80	2.00	7.0	36	0.076
04 08 78 1610			.3		22	0.80	2.20		31	0.010
01 10 78 1300			.3		21	0.90	3.30		25	0.008
04 11 78 1340			.3		13	1.0	2.8		14	0.012
30 12 78 1505			.3		19	0.90	3.5		16	0.022
MAXIMUM					64	1.0	3.5	7.0	36	0.076
AVG OR GEOM MN (*)					28	0.88	2.76	4.9	22	0.026
MINIMUM					13	0.80	2.00	2.8	8	0.008
NO OF SAMPLES					5	5	5	2	6	5

B.O.W./ SITE: WAWA CREEK
SAMPLE POINT: HIGHWAY 101 WAWA
STATION TYPE: RIVER

STATION ID: 01-0029-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WAWA CREEK

STORET CODE: 02
001
0910

STN NO: 4 LAT: LONG: U T M: 16 0666775.0 5317475.0 4 REGION: 05 MILEAGE: 8.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
11 06 78 1615			.3		24066	10.0	9.0	0.2						
08 07 78 1545			.3		24089	20.0	8.0	0.5	0.007	0.004	0.032	0.350	0.002	0.028
04 08 78 1650			.3		24112	17.0	9.0	0.2	0.004	0.001	0.024	0.190	0.001	0.015
01 10 78 1330			.3		24135	10.0	9.0	0.2	0.002	0.001	0.006	0.150	0.001	0.010
04 11 78 1320			.3		24158	9.0	12.0	1.0	0.021	0.009	0.022	0.36	0.002	0.033
30 12 78 1530			.3		24180	0.0	10.0							
MAXIMUM						20.0	12.0	1.0	0.021	0.009	0.032	0.36	0.002	0.033
AVG OR GEOM MN (*)						11.0	9.5	0.4	0.009	0.004	0.021	0.263	0.002	0.022
MINIMUM						0.0	8.0	0.2	0.002	0.001	0.006	0.150	0.001	0.010
NO OF SAMPLES						6	6	5	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 06 78 1615			.3					108.0	0.8	107		165	0.30	
08 07 78 1545			.3		0.062	0.318	0.380	105.0	0.9		104	160	1.00	3.8
04 08 78 1650			.3		0.040	0.166	0.206	110.0	2.6		107	165	0.50	3.7
01 10 78 1330			.3		0.017	0.144	0.161	107.0	0.4		107	165	1.30	3.7
04 11 78 1320			.3		0.057	0.338	0.395	108.	1.		107	165	1.0	3.8
MAXIMUM					0.062	0.338	0.395	110.0	2.6	107	107	165	1.30	3.8
AVG OR GEOM MN (*)					0.044	0.242	0.286	107.6	1.1	107	106	164	0.82	3.7
MINIMUM					0.017	0.144	0.161	105.0	0.4	107	104	160	0.30	3.7
NO OF SAMPLES					4	4	4	5	5	1	4	5	5	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
11 06 78 1615			.3						7.61		1.0L			
08 07 78 1545			.3		32.0	1.05	1.1	42	7.83	0.040	1.0	72.0	22.00	4.20
04 08 78 1650			.3		32.5	0.95	2.7	42	7.79	0.010	1.0L	73.0	22.00	4.33
01 10 78 1330			.3		32.5	0.75	1.7	44	7.82	0.240	1.0L	72.0	22.00	4.25
04 11 78 1320			.3		32.5	1.05	1.3	44	7.55	0.05	1. L	70.	21.	4.35
MAXIMUM					32.5	1.05	2.7	44	7.83	0.240	1.0	73.0	22.00	4.35
AVG OR GEOM MN (*)					32.4	0.95	1.7	43	7.72	0.085	1.0D	71.8	21.75	4.28
MINIMUM					32.0	0.75	1.1	42	7.55	0.010	1.0	70.	21.	4.20
NO OF SAMPLES					4	4	4	4	5	4	5	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
11 06 78 1615			.3					1.8	6	
08 07 78 1545			.3		0	0.80	2.50	2.3	20	0.023
04 08 78 1650			.3		7	0.70	1.30		16	0.004
01 10 78 1330			.3		6	0.60	2.30		15	0.004
04 11 78 1320			.3		5	0.70	2.4		10L	0.020
30 12 78 1530			.3				2.4		10L	0.020
MAXIMUM					7	0.80	2.50	2.3	20	0.023
AVG OR GEOM MN (*)					5	0.70	2.18	2.1	13D	0.014
MINIMUM					0	0.60	1.30	1.8	6	0.004
NO OF SAMPLES					4	4	5	2	6	5

```
                                                                                     STATION ID:  01-0029-005-02
B.O.W./ SITE: MAGPIE RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM FROM MISSION FALLS                                                 STORET CODE: 02
STATION TYPE: RIVER    FLOW GAUGE FED 02BD003         MAJOR BASIN: GREAT LAKES                                      001
                                                      MINOR BASIN: LAKE SUPERIOR                                    0920
                                                      TERM STREAM: MAGPIE RIVER

STN NO:     5     LAT:              LONG:             U T M: 16 0662100.0 5311600.0 4    REGION: 05        MILEAGE:     1.30

                                        934        444         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE   FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO               COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                             MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

25 03 78 1330             .3          24040     259.00                                         0.0       13.0        0.2      0.016      0.002
05 04 78 1530             .3          24018     269.00       400.       280.        26.        0.0       16.0        1.0      0.016      0.005
11 06 78 1525             .3          24063    1650.00                                        14.0       10.0        1.0
08 07 78 1435             .3          24086    1310.00                                        18.0        4.0        1.8      0.016     0.001L
04 08 78 1550             .3          24109     763.00                                        17.0       10.0        0.2      0.010      0.001
01 10 78 1240             .3          24132     419.00                                        12.0       11.0        2.0      0.015     0.001L
04 11 78 1355             .3          24155     766.00                                         6.0       14.0        0.6      0.017     0.001L
30 12 78 1450             .3          24177     376.00                                         1.0        4.0        0.4      0.012      0.003

                       MAXIMUM                 1650.00       400.       280.        26.       18.0       16.0        2.0      0.017      0.005
            AVG OR GEOM MN (*)                  726.50      400.*      280.*       26.*        8.5       10.3        0.9      0.015     0.002D
                       MINIMUM                  259.00       400.       280.        26.        0.0        4.0        0.2      0.010      0.001

                 NO OF SAMPLES                       8          1          1          1          8          8          8          7          7

                                         19         20         21         22         17         18         23          5          6        107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.     CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL      NO2-N      NO3-N          N    ORGNC N                SOLIDS     SOLIDS   D-SOLIDS
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

25 03 78 1330             .3          0.004      0.330      0.006      0.254      0.264      0.326      0.590      112.0        2.7        109
05 04 78 1530             .3          0.048      0.340      0.004      0.131      0.183      0.292      0.475      115.0       12.0        103
11 06 78 1525             .3                                                                                      69.0        3.6         65
08 07 78 1435             .3          0.084      0.850      0.001      0.160      0.245      0.766      1.011       88.0        5.9         82
04 08 78 1550             .3          0.116      0.580      0.002      0.100      0.218      0.464      0.682       87.0        2.8         84
01 10 78 1240             .3          0.102      0.720      0.004      0.195      0.301      0.618      0.919      110.0        2.6        107
04 11 78 1355             .3          0.072       0.53      0.005      0.130      0.207      0.458      0.665        84.                    82
30 12 78 1450             .3          0.051      0.410      0.004      0.200      0.255      0.359      0.614        96.        1.8         94

                       MAXIMUM        0.116      0.850      0.006      0.254      0.301      0.766      1.011      115.0       12.0        109
            AVG OR GEOM MN (*)        0.068      0.537      0.004      0.167      0.239      0.469      0.708       95.1        4.5         91
                       MINIMUM        0.004      0.330      0.001      0.100      0.183      0.292      0.475       69.0        1.8         65

                 NO OF SAMPLES            7          7          7          7          7          7          7          8          7          8

                                         14         16         56         59        280         55        208         47         41        265
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE     \   PH      TOTAL    ORGANIC        COD      TOTAL
DY MO YR LMT   DIST BRG DEPTH           25C   FORMAZIN       MG/L              SILICATE     AT LAB       IRON     C AS C               ARSENIC
               FEET      MTRS         UMHOS      UNITS                  MG/L    SI MG/L                  MG/L       MG/L       MG/L       MG/L

25 03 78 1330             .3            168       2.80        1.7       25.5       2.25       7.72      0.160        5.0         35
05 04 78 1530             .3            158       3.10        1.5       24.0       2.05       7.60      0.760                    61
11 06 78 1525             .3            100       0.80                                      7.25                   6.8         29      0.001
08 07 78 1435             .3            126       2.90        1.7       25.0       1.40       7.30      0.390        7.4
04 08 78 1550             .3            130       0.65        1.6       19.5       1.50       7.25      0.050        5.8
01 10 78 1240             .3            165       1.40        2.3       27.5       1.85       7.58      0.130        5.5
04 11 78 1355             .3            126        1.5                  17.5       1.75       7.35       0.10        6.9                 0.002
30 12 78 1450             .3            145        1.3        2.7       22.5       2.00       7.53      0.170         6.



                       MAXIMUM          168       3.10        2.7       27.5       2.25       7.72      0.760        7.4         61      0.002
            AVG OR GEOM MN (*)          140       1.81        1.9       23.1       1.83       7.45      0.251        6.2         42      0.002
                       MINIMUM          100       0.65        1.5       17.5       1.40       7.25      0.050        5.0         29      0.001

                 NO OF SAMPLES            8          8          6          7          7          8          7          7          3          2

                                        235        221        225        229        215        249        238
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH       MERCURY   CHROMIUM     COPPER       LEAD    CADMIUM       ZINC     NICKEL
               FEET      MTRS          UG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

11 06 78 1525             .3         0.030L     0.020L      0.020     0.030L     0.005L     0.010L     0.020L
04 11 78 1355             .3          0.020                 0.010     0.030L     0.005L      0.020     0.040L

                       MAXIMUM        0.030      0.020      0.020      0.030      0.005      0.020      0.040
            AVG OR GEOM MN (*)       0.025D     0.020D      0.015     0.030D     0.005D     0.015D     0.030D
                       MINIMUM        0.020      0.020      0.010      0.030      0.005      0.010      0.020

                 NO OF SAMPLES            2          1          2          2          2          2          2


                                                                                     STATION ID:  01-0057-001-02
B.O.W./ SITE: WHITE RIVER
SAMPLE POINT: AT HIGHWAY 17                                                                           STORET CODE: 02
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                                      001
                                                      MINOR BASIN: LAKE SUPERIOR                                    2190
                                                      TERM STREAM: WHITE RIVER

STN NO:     1     LAT:              LONG:             U T M: 16 0600980.0 5390400.0 4    REGION: 06        MILEAGE:    48.00

                                        934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO               COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                             MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

03 01 78 1500             .3          20512          4       312.        44.        12.        0.0       12.0        2.4      0.003      0.001
06 02 78 1445             .3          20525                  112.      4.  L        16.        0.0       11.8        1.4      0.007      0.003
06 03 78 1645             .3          20542               600.  G        22.        22.        0.0       13.5        1.2      0.009      0.001
03 04 78 1640             .3          20559                  170.         4.        16.                              1.4      0.010     0.001L
01 05 78 1435             .3          20576                   16.      4.  L      4.  L        1.5       13.3        1.5      0.023      0.001
09 05 78 2140             .3          20593                   24.      4.  L      4.  L        3.5       13.4        0.4      0.012     0.001L
05 06 78 1530             .3          20604                  300.      4.  L      4.  L        4.5       13.7        1.6      0.500      0.002
03 07 78 1545             .3          20619                  104.      4.  L        60.       22.0        8.8        2.2      0.047      0.004
07 08 78 1605             .3          20636                    8.      4.  L      4.  L       24.5       10.3        1.2      0.006      0.001
05 09 78 1530             .3          20652                    8.      4.  L      4.  L       17.0        8.4        0.2      0.008      0.001
02 10 78 1635             .3          20661                   56.         4.         8.       15.5        8.2        0.8      0.011      0.001
30 10 78 1512             .3          20676          6        20.      4.  L      4.  L                              0.2      0.014      0.001
04 12 78 1440             .3          20693          4      1900.         4.      4.  L        3.0       13.2        1.2      0.005     0.001L

                       MAXIMUM                              1900.        44.        60.       24.5       13.7        2.4      0.500      0.004
            AVG OR GEOM MN (*)                             80.* U      5.* D      8.* D        8.3       11.5        1.2      0.050     0.001D
                       MINIMUM                                 8.         4.         4.        0.0        8.2        0.2      0.003      0.001

                 NO OF SAMPLES                                 13         13         13         11         11         13         13         13
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
03 01 78 1500			.3		0.040	0.620	0.003	0.030	0.073	0.580	0.653		1.0	
06 02 78 1445			.3		0.040	0.480	0.003	0.030	0.073	0.440	0.513		2.0	
06 03 78 1645			.3		0.140	0.540	0.004	0.080	0.224	0.400	0.624		2.0	
03 04 78 1640			.3		0.030	0.420	0.002	0.160	0.192	0.390	0.582		1.0	
01 05 78 1435			.3		0.050	0.420	0.004	0.240	0.294	0.370	0.664		1.0	
09 05 78 2140			.3		0.010	0.300	0.004	0.130	0.144	0.290	0.434		2.0	
05 06 78 1530			.3		0.010	0.031	0.002	0.020	0.032	0.021	0.053	100.0	15.0	85
03 07 78 1545			.3		0.010L	0.840	0.002	0.010	0.022	0.830	0.852	110.0	10.0	100
07 08 78 1605			.3		0.010L	0.310	0.001	0.010L	0.021	0.300	0.321	85.0	5.0	80
05 09 78 1530			.3		0.010	0.320	0.001	0.010L	0.021	0.310	0.331	140.0	1.0	139
02 10 78 1635			.3		0.010L	0.270	0.001	0.010	0.021	0.260	0.281	100.0	2.0	98
30 10 78 1512			.3		0.010L	0.280	0.002	0.020	0.032	0.270	0.302	95.0	1.0	94
04 12 78 1440			.3		0.010	0.330	0.002	0.050	0.062	0.320	0.382	85.0	1.0	84
MAXIMUM					0.140	0.840	0.004	0.240	0.294	0.830	0.852	140.0	15.0	139
AVG OR GEOM MN (*)					0.029D	0.397	0.002	0.062D	0.093	0.368	0.461	102.1	3.4	97
MINIMUM					0.010	0.031	0.001	0.010	0.021	0.021	0.053	85.0	1.0	80
NO OF SAMPLES					13	13	13	13	13	13	13	7	13	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L
03 01 78 1500			.3		112	172	0.85	10.0	5.0		7.80		0.100	24.0
06 02 78 1445			.3		106	163	1.60	2.0	6.5	2.70	7.60		0.300	29.0
06 03 78 1645			.3		126	194	0.90	4.0	5.5	2.80	7.50		0.100	8.0
03 04 78 1640			.3		248	381	0.80	64.0	5.4	2.70	7.50		0.150	5.5
01 05 78 1435			.3			129	1.00	2.0	3.4	2.30	7.50		0.050L	
09 05 78 2140			.3			100	1.10	1.0	4.9	2.04	7.60		0.150	7.3
05 06 78 1530			.3			119	1.40	2.0	4.6	1.50	7.50		0.150	6.6
03 07 78 1545			.3			144	2.00	5.0	7.3	1.40	7.40		0.400	6.3
07 08 78 1605			.3			155	1.30	2.0	3.8	1.90	8.20	7.4	0.099	6.0
05 09 78 1530			.3			172	0.85	2.3	5.1	1.70	8.10	7.2	0.200	5.0
02 10 78 1635			.3			172	0.84	2.0	4.8	1.80	7.90	7.2	0.080	5.0
30 10 78 1512			.3			147	0.92	2.0	5.2	1.90	7.90		0.050L	6.0
04 12 78 1440			.3			152	0.75	2.0	5.4	1.80	7.70	7.2	0.150	
MAXIMUM					248	381	2.00	64.0	7.3	2.80	8.20	7.4	0.400	29.0
AVG OR GEOM MN (*)					148	169	1.10	7.7	5.1	2.05	7.71	7.3	0.152D	9.9
MINIMUM					106	100	0.75	1.0	3.4	1.40	7.40	7.2	0.050	5.0
NO OF SAMPLES					4	13	13	13	13	12	13	4	13	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
03 01 78 1500			.3		20									
06 02 78 1445			.3		10		0.010L	0.060	0.020L	0.005	0.005L	0.001	0.016	0.004
06 03 78 1645			.3		20	2								
03 04 78 1640			.3		10L									
01 05 78 1435			.3		20	2	0.010L	0.050L	0.020L	0.001	0.005L	0.001L	0.001L	0.001L
09 05 78 2140			.3		30									
05 06 78 1530			.3		20									
03 07 78 1545			.3		25			0.01						
07 08 78 1605			.3		20		0.004L	0.050L	0.020L	0.001L	0.005L	0.001L	0.002	0.001L
05 09 78 1530			.3		20									
02 10 78 1635			.3		20		0.004L	0.005L	0.020L	0.002	0.010	0.001L	0.005	0.001L
30 10 78 1512			.3		20									
04 12 78 1440			.3		20									
MAXIMUM					30	2	0.010	0.060	0.020	0.005	0.010	0.001	0.016	0.004
AVG OR GEOM MN (*)					20D	2	0.007D	0.035D	0.020D	0.002D	0.006D	0.001D	0.006D	0.002D
MINIMUM					10	2	0.004	0.005	0.020	0.001	0.005	0.001	0.001	0.001
NO OF SAMPLES					13	2	4	5	4	4	4	4	4	4

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 0288003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 1 LAT: LONG: U T M: 16 0552700.0 5394925.0 4 REGION: 06 MILEAGE: 9.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
03 01 78 1355			.3		20510	4	585.00	492.	12.	4. L	0.0	14.0	3.4	0.011
06 02 78 1330			.3		20523		372.00	8.	4. L	4. L	0.5	12.8	1.0	0.009
06 03 78 1530			.3		20540		250.00	592.	2. L	2. L	0.0		2.2	0.054
03 04 78 1530			.3		20557		220.00	20.	4. L	4. L			2.4	
01 05 78 1330			.3		20574		3670.00	176.	4. L	4. L	0.0	14.0	1.4	0.140
09 05 78 2050			.3		20591		4840.00	100.	4.	12.	0.0	11.5	0.7	0.500
05 06 78 1405			.3		20602		4900.00	260.	4. L	12.	0.8	12.0	1.2	0.210
03 07 78 1430			.3		20617		1950.00	100.	4. L	8.	11.5	11.5	0.4	0.040
07 08 78 1445			.3		20634		1120.00	40. L	4. L	4. L	15.6	12.0	1.4	0.022
05 09 78 1422			.3		20650		496.00	120.	4. L	4.	15.0	8.4	4.0	0.024
02 10 78 1515			.3		20659		420.00	88.	4. L	16.	16.6	8.8	0.6	0.012
30 10 78 1407			.3		20674	6	490.00	64.	4. L	4.			0.2	0.100
04 12 78 1320			.3		20691		274.00	48.	4. L	4. L	0.0	13.9	0.8	0.009
MAXIMUM							4900.00	592.	12.	16.	16.6	14.0	4.0	0.500
AVG OR GEOM MN (*)							1506.69	91.* D	4.* D	5.* D	5.5	11.9	1.5	0.094
MINIMUM							220.00	8.	2.	2.	0.0	8.4	0.2	0.009
NO OF SAMPLES							13	13	13	13	11	10	13	12

(C O N T D)

STATION ID: 01-0060-001-02

B.O.W./ SITE: PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 1 LAT: LONG: U T M: 16 0552700.0 5394925.0 4 REGION: 06 MILEAGE: 9.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
03 01 78	1355			.3		0.002	0.030	0.930	0.004	0.010	0.044	0.900	0.944		4.0
06 02 78	1330			.3		0.003	0.040	0.400	0.005	0.030	0.075	0.360	0.435		5.0
06 03 78	1530			.3		0.020	0.190	0.750	0.003	0.060	0.253	0.560	0.813		10.0
03 04 78	1530			.3		0.002	0.090		0.004	0.290	0.384				10.0
01 05 78	1330			.3		0.010	0.040	0.810	0.011	0.350	0.401	0.770	1.171		210.0
09 05 78	2050			.3		0.033	0.050	0.700	0.017	0.170	0.237	0.650	0.887		1140.0
05 06 78	1405			.3		0.013	0.020	0.550	0.007	0.040	0.067	0.530	0.597	470.0	300.0
03 07 78	1430			.3		0.004	0.010	0.370	0.004	0.010	0.024	0.360	0.384	190.0	60.0
07 08 78	1445			.3		0.004	0.010L	0.380	0.003	0.010	0.023	0.370	0.393	170.0	25.0
05 09 78	1422			.3		0.004	0.010	0.350	0.003	0.020	0.033	0.340	0.373	190.0	15.0
02 10 78	1515			.3		0.002	0.020	0.250	0.002	0.090	0.112	0.230	0.342	150.0	8.0
30 10 78	1407			.3		0.005	0.010L	0.490	0.003	0.050	0.063	0.480	0.543	200.0	45.0
04 12 78	1320			.3		0.001	0.010	0.290	0.003	0.090	0.103	0.280	0.383	180.0	5.0
MAXIMUM						0.033	0.190	0.930	0.017	0.350	0.401	0.900	1.171	470.0	1140.0
AVG OR GEOM MN (*)						0.008	0.041D	0.523	0.005	0.094	0.140	0.486	0.605	221.4	141.3
MINIMUM						0.001	0.010	0.250	0.002	0.010	0.023	0.230	0.342	150.0	4.0
NO OF SAMPLES						13	13	12	13	13	13	12	12	7	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
03 01 78	1355			.3			152	234	6.70	1.0	3.5		7.90		0.400
06 02 78	1330			.3			172	264	8.00	1.0	4.0	2.90	7.70		0.600
06 03 78	1530			.3			181	279	5.70	2.0	5.5	2.90	7.60		0.450
03 04 78	1530			.3			240	369	12.00	33.0	3.4	2.80	7.60		0.800
01 05 78	1330			.3				150	100.00	1.0	0.5L	2.50	7.70		4.600
09 05 78	2050			.3				139	280.00	1.0	5.2	2.55	8.00		8.800
05 06 78	1405			.3		170		151	110.00	1.0	1.3	1.80	7.80		4.900
03 07 78	1430			.3		130		194	31.00	1.0L	5.9	1.80	7.70		1.800
07 08 78	1445			.3		145		212	18.00	1.0	2.1	2.00	8.10	7.3	0.670
05 09 78	1422			.3		175		255	8.00	1.0	2.5	2.10	8.10	7.1	0.750
02 10 78	1515			.3		142		279	6.90	2.0	2.5	2.00	7.90	7.2	0.490
30 10 78	1407			.3		155		249	20.00	1.0	2.9	2.30	8.00		1.400
04 12 78	1320			.3		175		270	7.20	1.0	5.0	2.60	7.70	7.4	0.500
MAXIMUM						175	240	369	280.00	33.0	5.9	2.90	8.10	7.4	8.800
AVG OR GEOM MN (*)						156	186	234	47.19	3.6D	3.4D	2.35	7.83	7.3	2.012
MINIMUM						130	152	139	5.70	1.0	0.5	1.80	7.60	7.1	0.400
NO OF SAMPLES						7	4	13	13	13	13	12	13	4	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
03 01 78	1355			.3		1.0L	39.0	30							
06 02 78	1330			.3		1.0	43.0	30		0.010L	0.060	0.020L	0.004	0.005L	0.002
06 03 78	1530			.3		1.0L	12.0	20	0						
03 04 78	1530			.3		1.0L	8.8	10L							
01 05 78	1330			.3		1.0L		85	0	0.010	0.050L	0.020L	0.006	0.005L	0.001
09 05 78	2050			.3		1.0L	13.5	50							
05 06 78	1405			.3		1.0L	12.4	40							
03 07 78	1430			.3			10.6	30			0.02				
07 08 78	1445			.3		1.0L	9.0	20		0.004L	0.050L	0.040L	0.003	0.005L	0.001L
05 09 78	1422			.3		1.0L	8.0	20							
02 10 78	1515			.3		1.0L	7.0	20		0.004L	0.005L	0.020L	0.005L	0.100L	0.005L
30 10 78	1407			.3		1.0L	8.0	35							
04 12 78	1320			.3		1.0L		30							
MAXIMUM						1.0	43.0	85	0	0.010	0.060	0.040	0.006	0.100	0.005
AVG OR GEOM MN (*)						1.0D	15.6	32D	0	0.007D	0.037D	0.025D	0.005D	0.029D	0.002D
MINIMUM						1.0	7.0	10	0	0.004	0.005	0.020	0.003	0.005	0.001
NO OF SAMPLES						12	11	13	2	4	5	4	4	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
06 02 78	1330			.3		0.016	0.006	
01 05 78	1330			.3		0.006	0.005	
07 08 78	1445			.3		0.004	0.001L	
02 10 78	1515			.3		0.008	0.001L	0.001L
MAXIMUM						0.016	0.006	0.001
AVG OR GEOM MN (*)						0.009	0.003D	0.001D
MINIMUM						0.004	0.001	0.001
NO OF SAMPLES						4	4	1

```
 B.O.W./ SITE: BLACK RIVER                                                                      STATION ID:  01-0060-002-02
 SAMPLE POINT: AT HIGHWAY 17
 STATION TYPE: RIVER   FLOW GAUGE FED 02BB002           MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        TERM STREAM: PIC RIVER                                               2280

STN NO:     2    LAT:              LONG:                 U T M: 16 0557925.0 5392850.0 4    REGION: 06            MILEAGE:   8.00

                                            934       901      444        80        81        84       805         3          1         33
SAMP DTE HOUR   STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH               NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02        BOD          P
                FEET      MTRS                                       MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L       MG/L       MG/L

03 01 78 1410               .3       20511    4         310.00    4.        4.  L     4.  L      0.0      13.0        5.5     0.005
07 02 78 0900               .3       20524              191.00    4.        4.  L     4.  L      0.5      10.0        0.6     0.003
06 03 78 1345               .3       20541    4         148.00    8.        2.        2.         0.0      11.0        1.7     0.024
03 04 78 1345               .3       20558              148.00    8.        4.        4.  L                           1.4     0.018
01 05 78 1345               .3       20575             2050.00  136.        4.  L     4.  L      0.0      13.1        1.3     0.077
09 05 78 2105               .3       20592             2770.00  100.        4.  L     4.  L      3.0       9.4        0.7     0.120
05 06 78 1435               .3       20603             2790.00  240.        4.  L     4.  L      3.5      10.6        1.4     0.061
03 07 78 1450               .3       20618              820.00    8.        4.  L    28.        20.0       8.6        1.2     0.190
07 08 78 1505               .3       20635              548.00   36.        4.  L     4.  L     22.6      10.2        1.6     0.011
05 09 78 1445               .3       20651              271.00   64.       12.       12.        15.0       8.4        0.2     0.026
02 10 78 1545               .3       20660              239.00   40.        4.  L    16.        15.2       8.8        0.6
30 10 78 1425               .3       20675    6         370.00    8.        4.  L     4.  L                           0.2     0.042
04 12 78 1345               .3       20692              238.00    4.        4.  L     4.  L      0.0      13.2        1.0     0.008

                       MAXIMUM                         2790.00  240.       12.       28.        22.6      13.2        5.5     0.190
            AVG OR GEOM MN (*)                          837.92   20.*       4.* D     5.* D      7.3      10.6        1.3     0.049
                       MINIMUM                          148.00    4.        2.        2.         0.0       8.4        0.2     0.003

                 NO OF SAMPLES                              13    13        13        13          11        11         13        12

                                         34        19        20        21        22        17        18        23          5          6
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N                SOLIDS     SOLIDS
                FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L       MG/L       MG/L

03 01 78 1410               .3       0.002    0.090     0.590     0.005     0.040     0.135     0.500     0.635                 2.0
07 02 78 0900               .3       0.001    0.040     0.360     0.004     0.030     0.074     0.320     0.394                 2.0
06 03 78 1345               .3       0.005    0.120     0.480     0.005     0.100     0.225     0.360     0.585                 3.0
03 04 78 1345               .3       0.001    0.020     0.410     0.003     0.230     0.253     0.390     0.643                10.0
01 05 78 1345               .3       0.004    0.050     0.410     0.009     0.440     0.499     0.360     0.859               110.0
09 05 78 2105               .3       0.006    0.040     0.560     0.009     0.290     0.339     0.520     0.859               240.0
05 06 78 1435               .3       0.004    0.090     0.570     0.008     0.130     0.228     0.480     0.708     220.0      80.0
03 07 78 1450               .3       0.055    0.010L    0.710     0.006     0.140     0.156     0.700     0.856     150.0      10.0
07 08 78 1505               .3       0.002    0.010L    0.440     0.002     0.090     0.102     0.430     0.532     140.0       3.0
05 09 78 1445               .3       0.002    0.020     0.690     0.003     0.060     0.083     0.670     0.753     160.0      10.0
02 10 78 1545               .3       0.001    0.010               0.002     0.040     0.052                         470.0       3.0
30 10 78 1425               .3       0.011    0.010L    0.370     0.003     0.100     0.113     0.360     0.473     150.0      10.0
04 12 78 1345               .3       0.001L   0.010     0.330     0.002     0.160     0.172     0.320     0.492     130.0       2.0

                       MAXIMUM       0.055    0.120     0.710     0.009     0.440     0.499     0.700     0.859     470.0     240.0
            AVG OR GEOM MN (*)       0.007D   0.040D    0.493     0.005     0.142     0.187     0.451     0.649     202.9      37.3
                       MINIMUM       0.001    0.010     0.330     0.002     0.030     0.052     0.320     0.394     130.0       2.0

                 NO OF SAMPLES          13       13        12        13        13        13        12        12         7        13


                                          7       107        14        16        56        59       280        55        71        208
SAMP DTE HOUR   STN  STN SAMP  PJ     DISS.  CALCUL         COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH        PH      TOTAL
DY MO YR LMT    DIST BRG DEPTH       SOLIDS  D-SOLIDS         25C  FORMAZIN      MG/L            SILICATE    AT LAB   IN SITU       IRON
                FEET      MTRS         MG/L  MG/L           UMHOS     UNITS                MG/L  SI MG/L                            MG/L

03 01 78 1410               .3                  148       228      2.30       4.0       8.0                7.80               0.300
07 02 78 0900               .3                  170       260      2.80       4.0       8.5      3.10      7.70               0.350
06 03 78 1345               .3                  192       296      2.20      10.0       7.0      3.20      7.60               0.300
03 04 78 1345               .3                  237       365      8.50      33.0       6.2      3.10      7.60               0.750
01 05 78 1345               .3                            128     37.00       1.0       2.7      2.40      7.80               2.000
09 05 78 2105               .3                            129     75.00       1.0L      8.3      2.19      7.90               3.000
05 06 78 1435               .3        140                 144     18.00       1.0       9.2      1.70      7.80               1.300
03 07 78 1450               .3        140                 189      3.70       2.0      10.9      1.60      7.70               0.350
07 08 78 1505               .3        137                 204      5.20       1.0       5.4      2.10      8.10      7.3      0.200
05 09 78 1445               .3        150                 244      8.60       1.0       6.6      2.10      8.00      7.1      0.600
02 10 78 1545               .3        463                 258      2.80       1.0                          8.00      7.1      0.250
30 10 78 1425               .3        140                 208      5.90       1.0       6.7      2.40      7.90               0.200
04 12 78 1345               .3        128                 247      2.00       7.0      12.0      2.30      7.70      6.9      0.250

                       MAXIMUM        463       237       365     75.00      33.0      12.0      3.20      8.10      7.3      3.000
            AVG OR GEOM MN (*)        185       187       223     13.39       5.2D      7.6      2.38      7.82      7.1      0.758
                       MINIMUM        128       148       128      2.00       1.0       2.7      1.60      7.60      6.9      0.200

                 NO OF SAMPLES          7         4        13        13        13        12        11        13        4         13

                                         25        47        41       361       265       235       221       225       229        215
SAMP DTE HOUR   STN  STN SAMP  PJ   PHENOLS   ORGANIC       COD   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH                 C AS C            EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD    CADMIUM
                FEET      MTRS         UG/L      MG/L      MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L       MG/L

03 01 78 1410               .3                 39.0        30
07 02 78 0900               .3                 38.0        20               0.010L    0.180     0.020L    0.003     0.005L    0.001
06 03 78 1345               .3                 12.0        20         1
03 04 78 1345               .3        3.0       7.8        10L
01 05 78 1345               .3                             30         2     0.010L    0.050L    0.020L    0.009     0.005L    0.001
09 05 78 2105               .3                 12.0        40
05 06 78 1435               .3                 12.4        30
03 07 78 1450               .3                 10.4        30                         0.01
07 08 78 1505               .3                 10.0        30               0.004L    0.050L    0.020L    0.004     0.005L    0.001L
05 09 78 1445               .3                  8.0        20
02 10 78 1545               .3                  7.0                         0.004L    0.005L    0.020L    0.005     0.010     0.001L
30 10 78 1425               .3                 10.0        30
04 12 78 1345               .3                             30

                       MAXIMUM        3.0      39.0        40         2     0.010     0.180     0.020     0.009     0.010     0.001
            AVG OR GEOM MN (*)        3.0      15.1        27D        2     0.007D    0.059D    0.020D    0.005     0.006D    0.001D
                       MINIMUM        3.0       7.0        10         1     0.004     0.005     0.020     0.003     0.005     0.001

                 NO OF SAMPLES          1        11        12         2         4         5         4         4         4         4
```

(CONTD)

STATION ID: 01-0060-002-02

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BB002

MAJOR BASIN: GREAT LAKES
TERM STREAM: PIC RIVER

STORET CODE: 02
2280

STN NO: 2 LAT: LONG:

U T M: 16 0557925.0 5392850.0 4 REGION: 06 MILEAGE: 8.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
07 02 78	0900			.3		0.026	0.005
01 05 78	1345			.3		0.019	0.001
07 08 78	1505			.3		0.006	0.001L
02 10 78	1545			.3		0.005	0.001L
MAXIMUM						0.026	0.005
AVG OR GEOM MN (*)						0.014	0.002D
MINIMUM						0.005	0.001
NO OF SAMPLES						4	4

STATION ID: 01-0060-003-02

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO.614 SOUTH OF AGONZON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 3 LAT: LONG:

U T M: 16 0582100.0 5414375.0 4 REGION: 06 MILEAGE: 52.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 01 78	1540			.3		20513	4				0.0	13.0			
06 02 78	1527			.3		20529		4.	4. L	4. L	0.5	11.8			
08 03 78	1730			.3		20546		4. L	4. L	4.	0.0	14.0			
03 04 78	1730			.3		20563		4. L	4. L	4. L			1.6	0.010	0.001
02 05 78	1100			.3		20580		112.	4. L	4. L	1.0	13.1	1.0	0.026	0.001L
06 06 78	1050			.3		20606		400.	4. L	8.			1.2	0.018	0.002
04 07 78	1032			.3		20624		92.	12.	24.	17.2	7.9	0.6	0.010	0.002
08 08 78	0930			.3		20640	6	136.	4.	72.				0.001L	0.001
06 09 78	1050			.3		20757		600.	4.	96.	15.0	8.2	0.2	0.002	0.001
03 10 78	1025			.3		20665		96.	16.	32.	14.8	10.2	0.8	0.013	0.001L
31 10 78	1335			.3		20681	6	8.	4. L	12.			0.6	0.008	0.001
04 12 78	1340			.3		20698		4.	4. L	4. L	3.0	12.9	1.2	0.004	0.001L
MAXIMUM								600.	16.	96.	17.2	14.0	1.6	0.026	0.002
AVG OR GEOM MN (*)								34.* D	5.* D	12.* D	6.4	11.4	0.9	0.010D	0.001D
MINIMUM								4.	4.	4.	0.0	7.9	0.2	0.001	0.001
NO OF SAMPLES								11	11	11	8	8	8	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
03 04 78	1730			.3		0.050	0.590	0.003	0.310	0.363	0.540	0.903	3.0		329
02 05 78	1100			.3		0.010	0.470	0.005	0.270	0.285	0.460	0.745		15.0	144
06 06 78	1050			.3		0.020	0.400	0.004	0.030	0.054	0.380	0.434	95.0	15.0	134
04 07 78	1032			.3		0.010	0.430	0.003	0.030	0.043	0.420	0.463	120.0	5.0	167
08 08 78	0930			.3		0.010L	0.340	0.003	0.060	0.073	0.330	0.403			
06 09 78	1050			.3		0.010	0.300	0.002	0.050	0.062	0.290	0.352	150.0	3.0	255
03 10 78	1025			.3		0.010	0.270	0.002	0.030	0.042	0.260	0.302	120.0	2.0	250
31 10 78	1335			.3		0.011	0.360	0.002	0.050	0.063	0.349	0.412	140.0	5.0	206
04 12 78	1340			.3		0.020	0.450	0.004	0.160	0.184	0.430	0.614	150.0	5.0	265
MAXIMUM						0.050	0.590	0.005	0.310	0.363	0.540	0.903	150.0	15.0	329
AVG OR GEOM MN (*)						0.017D	0.401	0.003	0.110	0.130	0.384	0.514	111.1	7.1	219
MINIMUM						0.010	0.270	0.002	0.030	0.042	0.260	0.302	3.0	2.0	134
NO OF SAMPLES						9	9	9	9	9	9	9	7	7	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 01 78	1540			.3				6.0	2.60	4.0		7.60		0.180	1.0L
06 02 78	1527			.3				16.0	3.20		4	4.00		0.300	3.0
08 03 78	1730			.3				9.0	2.90	5.0		7.60		0.220	1.0L
03 04 78	1730			.3		2.90	13.0	11.0	3.20	4.0	134	7.70		0.310	3.0
02 05 78	1100			.3		9.30	1.0	4.7	2.30	3.0	66	7.50		0.650	1.0L
06 06 78	1050			.3		4.10	8.0	3.5		2.0	65	7.70		0.550	
04 07 78	1032			.3		2.30	1.0	7.4		2.0	79	7.90		0.140	
08 08 78	0930			.3			1.0	5.2		2.0	89			0.150	
06 09 78	1050			.3		1.60	1.0	7.0		1.0L	121	8.10		0.140	
03 10 78	1025			.3		1.70	1.0L	5.4		4.0	117	8.00	6.9	0.300	
31 10 78	1335			.3		1.80	1.0	5.5		4.0	96	7.90		0.150	
04 12 78	1340			.3		1.60	8.0	10.0		3.0	108	7.90	7.4	0.130	
MAXIMUM						9.30	13.0	16.0	3.20	5.0	134	8.10	7.4	0.650	3.0
AVG OR GEOM MN (*)						3.16	3.9D	7.6	2.84	3.1D	88	7.45	7.2	0.268	1.8D
MINIMUM						1.60	1.0	3.5	2.30	1.0	4	4.00	6.9	0.130	1.0
NO OF SAMPLES						8	9	12	5	11	10	11	2	12	5

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
03 01 78 1540			.3			32.00		18.00		0.014	0.004L		0.030	0.015
06 02 78 1527			.3			43.00		1.70		0.010	0.005L		0.077	
08 03 78 1730			.3			43.00		1.40		0.008	0.004		0.049	0.028
03 04 78 1730			.3		150.0	46.00	30	7.40		0.005	0.005L		0.062	0.021
02 05 78 1100			.3		68.0	21.60	70G	0.70		0.001L	0.045		0.004	0.028
06 06 78 1050			.3		68.0		70G			0.007	0.002	0.002	0.001L	0.016
04 07 78 1032			.3		86.0		50			0.002	0.005L	0.001L	0.004	0.015
08 08 78 0930			.3		100.0	30.00				0.006	0.005L	0.001L	0.006	0.030
06 09 78 1050			.3		136.0		30			0.001L	0.005L	0.001	0.006	0.020
03 10 78 1025			.3		128.0		30		0.020L	0.001L	0.010L	0.001L	0.001L	0.007
31 10 78 1335			.3		106.0		30		0.002L	0.001L	0.010L	0.001L	0.002	0.013
04 12 78 1340			.3		118.0		30			0.003	0.010L	0.001	0.004	0.010
MAXIMUM					150.0	46.00	70	18.00	0.020	0.014	0.045	0.002	0.077	0.030
AVG OR GEOM MN (*)					106.7	35.93	43U	5.84	0.011D	0.005D	0.009D	0.001D	0.021D	0.018
MINIMUM					68.0	21.60	30	0.70	0.002	0.001	0.002	0.001	0.001	0.007
NO OF SAMPLES					9	6	8	5	2	12	12	7	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
03 01 78 1540			.3		0.002	
06 02 78 1527			.3		0.006	
08 03 78 1730			.3		0.001L	
03 04 78 1730			.3		0.002	
02 05 78 1100			.3		0.001L	
06 06 78 1050			.3		0.001L	0.001
04 07 78 1032			.3		0.001L	0.001
08 08 78 0930			.3		0.001L	0.001L
06 09 78 1050			.3		0.001L	0.001L
03 10 78 1025			.3		0.001L	0.001L
31 10 78 1335			.3		0.001L	0.002
04 12 78 1340			.3		0.001L	0.001L
MAXIMUM					0.006	0.002
AVG OR GEOM MN (*)					0.002D	0.001D
MINIMUM					0.001	0.001
NO OF SAMPLES					12	7

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: 1 MILE BELOW OUTLET OF MOSE LAKE ON ONTARIO PULP AND PAPER ROAD
STATION TYPE: RIVER

STATION ID: 01-0060-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 4 LAT: LONG: U T M: 16 0591450.0 5443075.0 4 REGION: 06 MILEAGE: 82.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 01 78 1650			.3		20515	4				0.0	11.0			
06 02 78 1600			.3		20531		4. L	4. L	8.					
08 03 78 1830			.3		20548		28.	4. L	4. L	0.0	8.5			
03 04 78 1830			.3		20565		24.	4.	4. L			1.2		0.001
02 05 78 0945			.3		20582		60.	4. L	4. L	0.0	9.2	1.4	0.022	0.001L
06 06 78 0945			.3		20608		300.	4. L	4. L			1.6	0.017	0.001
04 07 78 0910			.3		20623		32.	4.	8.	18.2	7.5	0.8	0.009	0.001
08 08 78 1000			.3		20639	6	28.	4. L	4. L			2.2	0.005	0.001
06 09 78 0925			.3		20756		2900.	56.	140.	14.5	8.2	0.6	0.016	0.001
03 10 78 1150			.3		20664		160.	4. L	24.	15.0	8.2	1.4	0.011	0.001
31 10 78 1215			.3		20682	6	4. L	4. L	4. L			0.8	0.018	0.001
04 12 78 1010			.3		20697		8.	4. L	8.	3.0	10.4	1.4	0.010	0.001L
MAXIMUM							2900.	56.	140.	18.2	11.0	2.2	0.022	0.001
AVG OR GEOM MN (*)							42.* D	5.* D	8.* D	7.2	9.0	1.3	0.014	0.001D
MINIMUM							4.	4.	4.	0.0	7.5	0.6	0.005	0.001
NO OF SAMPLES							11	11	11	7	7	9	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
03 04 78 1830			.3		0.190		0.004	0.220	0.414			2.0		253
02 05 78 0945			.3		1.500	3.000	0.008	0.170	1.678	1.500	3.178		3.0	284
06 06 78 0945			.3		4.300	1.800	0.010	0.140	4.450	2.500	1.950	150.0	5.0	237
04 07 78 0910			.3		0.570	0.900	0.007	0.150	0.727	0.330	1.057	200.0	10.0	232
08 08 78 1000			.3		1.000	1.700	0.009	0.260	1.269	0.700	1.969	230.0	2.0	325
06 09 78 0925			.3		1.400	2.400	0.015	0.500	1.915	1.000	2.915	310.0	10.0	455
03 10 78 1150			.3		2.000	2.500	0.012	0.530	2.542	0.500	3.042	330.0	10.0	520
31 10 78 1215			.3		2.300	2.500	0.008	0.590	2.898	0.200	3.098	350.0	3.0	520
04 12 78 1010			.3		0.100	0.550	0.003	0.090	0.193	0.450	0.643	150.0	3.0	226
MAXIMUM					4.300	3.000	0.015	0.590	4.450	2.500	3.178	350.0	10.0	520
AVG OR GEOM MN (*)					1.484	1.919	0.008	0.294	1.787	0.898	2.232	215.3	5.8	339
MINIMUM					0.100	0.550	0.003	0.090	0.193	0.200	0.643	2.0	2.0	226
NO OF SAMPLES					9	8	9	9	9	8	8	8	8	9

(CONTD)

STATION ID: 01-0060-004-02

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: 1 MILE BELOW OUTLET OF MOSE LAKE ON ONTARIO PULP AND PAPER ROAD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02
001
2280

STN NO: 4 LAT: LONG: U T M: 16 0591450.0 5443075.0 4 REGION: 06 MILEAGE: 82.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	IN	71 PH SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 01 78 1650			.3				10.0	2.80	7.0		7.30			0.420	1.0
06 02 78 1600			.3				9.5	2.90		10	10.00			0.350	
08 03 78 1830			.3				7.5	3.30	6.0		7.20			0.260	1.0L
03 04 78 1830			.3		1.20	1.0		3.20	6.0	113	7.20			0.400	1.0L
02 05 78 0945			.3		3.40	2.0	69.0	2.10	6.0	55	6.90			0.800	1.0L
06 06 78 0945			.3		3.10	1.0L	48.0		2.0	54	7.30			0.550	
04 07 78 0910			.3		3.60	2.0	46.0		2.0	56	7.60			0.026	
08 08 78 1000			.3		1.80	2.0	75.0		2.0	66	7.70			0.210	
06 09 78 0925			.3		10.00	3.0	121.0		3.0	70	7.70			0.460	
03 10 78 1150			.3		6.40	4.0	165.0		4.0	72	7.60		6.8	0.290	
31 10 78 1215			.3		2.10	3.0	176.0		3.0	67	7.70			0.210	
04 12 78 1010			.3		2.20	1.0	10.0		7.0	103	7.40		7.0	0.240	
MAXIMUM					10.00	4.0	176.0	3.30	7.0	113	10.00		7.0	0.800	1.0
AVG OR GEOM MN (*)					3.76	2.1D	67.0	2.86	4.4	67	7.63		6.9	0.351	1.0D
MINIMUM					1.20	1.0	7.5	2.10	2.0	10	6.90		6.8	0.026	1.0
NO OF SAMPLES					9	9	11	5	11	10	12		2	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	265 TOTAL ARSENIC MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
03 01 78 1650			.3			33.00		1.60			0.016	0.004L		0.090
06 02 78 1600			.3			36.00		1.20			0.004	0.005L		0.051
08 03 78 1830			.3			40.00		1.20			0.008	0.004L		0.048
03 04 78 1830			.3		130.0	39.00	60	1.50			0.006	0.005L		0.074
02 05 78 0945			.3		116.0	34.40	70G	3.30			0.008	0.028		0.280
06 06 78 0945			.3		108.0		70G				0.013	0.003	0.002	0.170
04 07 78 0910			.3		106.0		70				0.011	0.005L	0.001L	0.150
08 08 78 1000			.3		140.0	47.00	60		0.004L		0.009	0.005L	0.001L	0.130
06 09 78 0925			.3		198.0		70G		0.004L		0.004	0.005L	0.001	0.100
03 10 78 1150			.3		232.0		40		0.001	0.020L	0.006	0.010L	0.001L	0.130
31 10 78 1215			.3		320.0		30		0.004L	0.002L	0.004	0.010L	0.001	0.140
04 12 78 1010			.3		112.0		30		0.004L		0.004	0.010L	0.001	0.031
MAXIMUM					320.0	47.00	70	3.30	0.004	0.020	0.016	0.028	0.002	0.280
AVG OR GEOM MN (*)					162.4	38.23	56U	1.76	0.003D	0.011D	0.008	0.008D	0.001D	0.116
MINIMUM					106.0	33.00	30	1.20	0.001	0.002	0.004	0.003	0.001	0.031
NO OF SAMPLES					9	6	9	5	5	2	12	12	7	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
03 01 78 1650			.3		0.038	0.002	
06 02 78 1600			.3			0.001L	
08 03 78 1830			.3		0.053	0.001L	
03 04 78 1830			.3		0.085	0.002	
02 05 78 0945			.3		0.024	0.001L	
06 06 78 0945			.3		0.032	0.002	0.001
04 07 78 0910			.3		0.041	0.002	0.002
08 08 78 1000			.3		0.050	0.001L	0.001L
06 09 78 0925			.3		0.065	0.001L	0.001L
03 10 78 1150			.3		0.035	0.001L	0.001L
31 10 78 1215			.3		0.043	0.001L	0.003
04 12 78 1010			.3		0.018	0.001L	0.001L
MAXIMUM					0.085	0.002	0.003
AVG OR GEOM MN (*)					0.044	0.001D	0.001D
MINIMUM					0.018	0.001	0.001
NO OF SAMPLES					11	12	7

STATION ID: 01-0060-005-02

B.O.W./ SITE: FOX CREEK
SAMPLE POINT: AT HIGHWAY NO.614 MANITOUWADGE LAKE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STORET CODE: 02
001
2280

STN NO: 5 LAT: LONG: U T M: 16 0587900.0 5442725.0 4 REGION: 06 MILEAGE: 85.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 01 78 1655			.3		20514	4				1.0	12.0			
06 02 78 1820			.3		20530		4.	4. L	12.	0.0	12.0			
08 03 78 1750			.3		20547		4. L	4. L	20.	0.0	8.0			
03 04 78 1750			.3		20564		4. L	4. L	4. L			0.4	0.012	0.001
02 05 78 1000			.3		20581		156.	4. L	20.	0.5	10.3	1.7	0.027	0.001
06 06 78 1005			.3		20607		36.	4. L	4.			1.2	0.015	0.001
04 07 78 0923			.3		20622		36.	4. L	4. L	18.8	7.8	0.6	0.011	0.001
08 08 78 1015			.3		20638	6	24.	4.	4.			1.6	0.001	0.001
06 09 78 0945			.3		20755		20.	8.	16.	15.0	8.2	0.4	0.013	0.001
03 10 78 1120			.3		20663		28.	4. L	4. L	16.2	8.2	0.8	0.012	0.001L
31 10 78 1230			.3		20683	6	4.	4. L	4. L			0.6	0.013	0.001
04 12 78 1025			.3		20696		4.	4. L	4. L	4.5	12.6	0.6	0.003	0.001
MAXIMUM							156.	8.	20.	18.8	12.6	1.7	0.027	0.001
AVG OR GEOM MN (*)							14.* D	4.* D	7.* D	7.0	9.9	0.9	0.012	0.001D
MINIMUM							4.	4.	4.	0.0	7.8	0.4	0.001	0.001
NO OF SAMPLES							11	11	11	8	8	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
03 04 78 1750			.3		0.020	0.490	0.005	0.210	0.235	0.470	0.705	1.0		303
02 05 78 1000			.3		0.050	0.520	0.006	0.300	0.356	0.470	0.826		5.0	194
06 06 78 1005			.3		0.010	0.370	0.004	0.130	0.144	0.360	0.504	140.0	2.0	206
04 07 78 0923			.3		0.030	0.450	0.005	0.120	0.155	0.420	0.575	190.0	5.0	227
08 08 78 1015			.3		0.010L	0.410	0.003	0.050	0.063	0.400	0.463	170.0	2.0	241
06 09 78 0945			.3		0.020	0.420	0.003	0.020	0.043	0.400	0.443	160.0	2.0	255
03 10 78 1120			.3		0.020	0.350	0.003	0.080	0.103	0.330	0.433	160.0	2.0	276
31 10 78 1230			.3		0.030	0.440	0.004	0.070	0.104	0.410	0.514	180.0	1.0	274
04 12 78 1025			.3		0.170	0.460	0.005	0.140	0.315	0.290	0.605	230.0	1.0	320
			MAXIMUM		0.170	0.520	0.006	0.300	0.356	0.470	0.826	230.0	5.0	320
			AVG OR GEOM MN (*)		0.040D	0.434	0.004	0.124	0.169	0.394	0.563	153.9	2.5	255
			MINIMUM		0.010	0.350	0.003	0.020	0.043	0.290	0.433	1.0	1.0	194
			NO OF SAMPLES		9	9	9	9	9	9	9	8	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 01 78 1655			.3				55.0	2.90	10.0		7.30		2.300	1.0L
06 02 78 1820			.3				53.0	2.50		6	6.00		1.200	
08 03 78 1750			.3				55.0	2.70	5.0		7.10		1.000	2.0
03 04 78 1750			.3		1.60	3.0	58.0	2.60	5.0	77	7.20		0.840	1.0
02 05 78 1000			.3		5.00	2.0	34.0	2.20	5.0	51	6.90		1.300	1.0L
06 06 78 1005			.3		1.80	1.0	33.0		2.0	54	7.20		0.850	
04 07 78 0923			.3		3.00	2.0	45.0		2.0	58	7.50		0.100	
08 08 78 1015			.3		2.90	3.0	43.0		2.0	64	7.80		0.850	
06 09 78 0945			.3		2.20	3.0	42.0		2.0	69	7.90		0.690	
03 10 78 1120			.3		2.20	3.0	53.0		3.0	69	7.80	7.2	0.600	
31 10 78 1230			.3		2.40	3.0	50.0		4.0	68	7.80		0.970	
04 12 78 1025			.3		3.50	3.0	82.0		4.0	77	7.50	7.5	1.700	
			MAXIMUM		5.00	3.0	82.0	2.90	10.0	77	7.90	7.5	2.300	2.0
			AVG OR GEOM MN (*)		2.73	2.6	50.3	2.58	4.0	59	7.33	7.4	1.033	1.3D
			MINIMUM		1.60	1.0	33.0	2.20	2.0	6	6.00	7.2	0.100	1.0
			NO OF SAMPLES		9	9	12	5	11	10	12	2	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
03 01 78 1655			.3			40.00		2.50		0.031	0.004L		0.700	0.180
06 02 78 1820			.3			42.00		3.00		0.025	0.005L		0.420	
08 03 78 1750			.3			45.00		2.90		0.039	0.004L		0.450	0.056
03 04 78 1750			.3		146.0	45.00	70G	2.90		0.025	0.005L		0.520	0.200
02 05 78 1000			.3		82.0	23.20	70G	1.90		0.011	0.014		0.330	0.012
06 06 78 1005			.3		98.0		70G			0.023	0.004	0.002	0.300	0.035
04 07 78 0923			.3		106.0		70G			0.039	0.005	0.003	0.860	0.083
08 08 78 1015			.3		110.0	35.00	70G			0.023	0.005L	0.001	0.450	0.044
06 09 78 0945			.3		116.0		70G			0.015	0.005L	0.001	0.260	0.036
03 10 78 1120			.3		128.0		70		0.020L	0.015	0.010	0.001L	0.430	0.015
31 10 78 1230			.3		128.0		50		0.002L	0.014	0.010L	0.001	0.350	0.036
04 12 78 1025			.3		146.0		70G			0.019	0.010L	0.002	0.550	0.043
			MAXIMUM		146.0	45.00	70	3.00	0.020	0.039	0.014	0.003	0.860	0.200
			AVG OR GEOM MN (*)		117.8	38.37	68U	2.64	0.011D	0.023	0.007D	0.002D	0.468	0.067
			MINIMUM		82.0	23.20	50	1.90	0.002	0.011	0.004	0.001	0.260	0.012
			NO OF SAMPLES		9	6	9	5	2	12	12	7	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
03 01 78 1655			.3		0.002	
06 02 78 1820			.3		0.001L	
08 03 78 1750			.3		0.001	
03 04 78 1750			.3		0.003	
02 05 78 1000			.3		0.001L	
06 06 78 1005			.3		0.003	0.002
04 07 78 0923			.3		0.003	0.002
08 08 78 1015			.3		0.001L	0.001L
06 09 78 0945			.3		0.001L	0.001L
03 10 78 1120			.3		0.001L	0.001L
31 10 78 1230			.3		0.001L	0.002
04 12 78 1025			.3		0.001L	0.001
			MAXIMUM		0.003	0.002
			AVG OR GEOM MN (*)		0.002D	0.001D
			MINIMUM		0.001	0.001
			NO OF SAMPLES		12	7

STATION ID: 01-0060-006-02

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: ABOVE MOSE LAKE INLET ON ONTARIO PULP AND PAPER ROAD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 6 LAT: LONG: U T M: 16 0591900.0 5443750.0 4 REGION: 06 MILEAGE: 82.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 01 78 1640			.3		20516	4				0.0	10.5			
06 02 78 1745			.3		20532		4.	4. L	4.	0.0	9.6			
08 03 78 1815			.3		20549		12.	4.	4. L	0.0	9.5			
03 04 78 1815			.3		20566		4.	8.	4. L			0.6	0.008	0.001L
02 05 78 0935			.3		20583		100.	4. L	4. L	0.0	11.4	0.8	0.028	0.001L
06 06 78 0935			.3		20609		200.	4. L	28.			1.4	0.014	0.001
04 07 78 0900			.3		20621		1200.	32.	20.	11.0	8.9	1.4	0.017	0.001
08 08 78 0900			.3		20641	6	136.	4. L	16.			1.4	0.005	0.001
06 09 78 0910			.3		20754		144.	28.	80.	13.5	8.3	1.0	0.014	0.001
03 10 78 1140			.3		20666		116.	12.	88.	14.0	7.0	0.8	0.021	0.002
31 10 78 1145			.3		20680	6	8.	4. L	4. L			1.0	0.009	0.001
04 12 78 1750			.3		20695		4. L	4. L	4.	3.5	10.3	0.8	0.004	0.001
MAXIMUM							1200.	32.	88.	14.0	11.4	1.4	0.028	0.002
AVG OR GEOM MN (*)							39.* D	7.* D	11.* D	5.3	9.4	1.0	0.013	0.001D
MINIMUM							4.	4.	4.	0.0	7.0	0.6	0.004	0.001
NO OF SAMPLES							11	11	11	8	8	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
03 04 78 1815			.3		0.060	0.550	0.003	0.220	0.283	0.490	0.773	1.0		245
02 05 78 0935			.3		0.040	0.470	0.005	0.550	0.595	0.430	1.025		5.0	105
06 06 78 0935			.3		0.010	0.570	0.004	0.010	0.024	0.560	0.584	80.0	5.0	119
04 07 78 0900			.3		0.010L	0.980	0.004	0.010	0.024	0.970	0.994	120.0	5.0	139
08 08 78 0900			.3		0.010L	0.490	0.003	0.010L	0.023	0.480	0.503	130.0	3.0	190
06 09 78 0910			.3		0.010	0.510	0.002	0.010	0.022	0.500	0.522	140.0	10.0	225
03 10 78 1140			.3		0.010	0.410	0.002	0.010	0.022	0.400	0.422	120.0	4.0	212
31 10 78 1145			.3		0.010L	0.500	0.003	0.060	0.073	0.490	0.563	120.0	1.0	168
04 12 78 1750			.3		0.070	0.440	0.002	0.080	0.152	0.370	0.522	150.0	1.0	215
MAXIMUM					0.070	0.980	0.005	0.550	0.595	0.970	1.025	150.0	10.0	245
AVG OR GEOM MN (*)					0.026D	.546	0.003	0.1070	0.135	.591	.656	107.6	4.3	180
MINIMUM					0.010	0.410	0.002	0.010	0.022	0.370	0.422	1.0	1.0	105
NO OF SAMPLES					9	9	9	9	9	9	9	8	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 01 78 1640			.3				2.5	2.90	7.0		7.30		0.200	1.0L
06 02 78 1745			.3				3.5	3.50		11			0.350	3.0
08 03 78 1815			.3				3.0	3.40	7.0		7.20		0.250	3.0
03 04 78 1815			.3		1.00	1.0	1.8	3.50	6.0	121	7.20		0.270	2.0
02 05 78 0935			.3		2.90	2.0	3.4	2.00	3.0	47	7.20		0.300	1.0L
06 06 78 0935			.3		1.30	2.0	1.9		3.0	57	7.20		0.300	
04 07 78 0900			.3		2.90	1.0	5.7		2.0	67	7.40		0.390	
08 08 78 0900			.3		2.7	1.0	1.2		2.0	81	7.9		0.230	
06 09 78 0910			.3		3.90	1.0	1.0		3.0	109	7.50		0.410	
03 10 78 1140			.3		2.70	1.0	1.4		5.0	100	7.60	6.9	0.150	
31 10 78 1145			.3		1.20	1.0L	1.2		3.0	86	7.70		0.230	
04 12 78 1750			.3		1.30	1.0L	2.5		8.0	107	7.30	6.6	0.290	
MAXIMUM					3.90	2.0	5.7	3.50	8.0	121	7.9	6.9	0.410	3.0
AVG OR GEOM MN (*)					2.21	1.2D	2.4	3.06	4.5	79	7.41	6.8	0.281	2.0D
MINIMUM					1.00	1.0	1.0	2.00	2.0	11	7.20	6.6	0.150	1.0
NO OF SAMPLES					9	9	12	5	11	10	11	2	12	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	265 TOTAL ARSENIC MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
03 01 78 1640			.3			32.00		1.10			0.005	0.004L		0.005
06 02 78 1745			.3			40.00		1.10			0.001	0.005L		0.002
08 03 78 1815			.3			40.00		1.10			0.003	0.004L		0.001L
03 04 78 1815			.3		128.0	40.00	50	0.95			0.001	0.005L		0.002
02 05 78 0935			.3		50.0	14.40	70G	0.40			0.001L	0.015		0.003
06 06 78 0935			.3		62.0		70G				0.006	0.001L	0.002	0.001L
04 07 78 0900			.3		70.0		70G				0.003	0.005L	0.001L	0.001L
08 08 78 0900			.3		90.0	26.00	50		0.004L		0.001	0.005L	0.001L	0.002
06 09 78 0910			.3		118.0		70G		0.004L		0.001L	0.005L	0.001	0.003
03 10 78 1140			.3		110.0		50		0.001	0.020L	0.003	0.010L	0.001L	0.001L
31 10 78 1145			.3		86.0		50		0.004L	0.002L	0.002	0.010L	0.001	0.005
04 12 78 1750			.3		106.0		15		0.004L		0.003	0.010L	0.001	0.003
MAXIMUM					128.0	40.00	70	1.10	0.004	0.020	0.006	0.015	0.002	0.005
AVG OR GEOM MN (*)					91.1	32.07	55U	0.93	0.003D	0.011D	0.003D	0.0070	0.001D	0.002D
MINIMUM					50.0	14.40	15	0.40	0.001	0.002	0.001	0.001	0.001	0.001
NO OF SAMPLES					9	6	9	5	5	2	12	12	7	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
03 01 78 1640			.3		0.017	0.001L	
06 02 78 1745			.3			0.001L	
08 03 78 1815			.3		0.016	0.001L	
03 04 78 1815			.3		0.020	0.001	
02 05 78 0935			.3		0.043	0.001L	
06 06 78 0935			.3		0.018	0.001L	0.001L
04 07 78 0900			.3		0.041	0.001	0.001L
08 08 78 0900			.3		0.030	0.001L	0.001L
06 09 78 0910			.3		0.065	0.001L	0.001L
03 10 78 1140			.3		0.011	0.001L	0.001L
31 10 78 1145			.3		0.013	0.001L	0.002
04 12 78 1750			.3		0.069	0.001L	0.001

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
MAXIMUM					0.069	0.001	0.002
AVG OR GEOM MN (*)					0.031	0.001D	0.001D
MINIMUM					0.011	0.001	0.001
NO OF SAMPLES					11	12	7

B.O.W./ SITE: RUDDER CREEK
SAMPLE POINT: 3 MILES WEST OF HWY 614 ON AMERICAN CAN INDUSTRIAL ROAD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER
STATION ID: 01-0060-007-02
STORET CODE: 02 001 2280

STN NO: 7 LAT: LONG: U T M: 16 0574500.0 5440900.0 4 REGION: 06 MILEAGE: 62.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 01 78 1715			.3		20517	4				0.0	8.5			
06 02 78 1800			.3		20533	2								
08 03 78 1830			.3		20550	2								
03 04 78 1715			.3		20567		15000E+2	600.	104.			8.0	4.500	3.500
02 05 78 1030			.3		20564		196.	4.	4.	0.5	10.4	6.2	0.650	0.550
06 06 78 1015			.3		20610		2500.	4. L	76.			1.4	0.710	0.650
04 07 78 1000			.3		20625		2000.	44.	40.	15.0	6.0	1.6	1.100	1.200
08 08 78 1030			.3		20642	6	500.	4.	120.			1.8	1.100	0.650
06 09 78 1010			.3		20758		1600.	96.	196.	13.5	6.8	1.0	1.100	1.000
03 10 78 1100			.3		20667		400.	4.	24.	13.5	7.0	1.0	1.000	0.950
31 10 78 1255			.3		20684	6	10.	4. L	36.			1.4	1.100	0.750
04 12 78 1630			.3		20699		12.	4. L	8.	3.0	10.2	1.0	1.600	1.500
MAXIMUM							15000E+2	600.	196.	15.0	10.4	8.0	4.500	3.500
AVG OR GEOM MN (*)							727.*	13.* D	39.*	7.6	8.2	2.6	1.429	1.194
MINIMUM							10.	4.	4.	0.0	6.0	1.0	0.650	0.550
NO OF SAMPLES							9	9	9	6	6	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
03 04 78 1715			.3		14.000	18.000	0.007	0.010L	14.017	4.000	18.017		10.0	825
02 05 78 1030			.3		1.900	4.500	0.100	0.420	2.420	2.600	5.020		5.0	289
06 06 78 1015			.3		0.030	0.680	0.028	0.400	0.458	0.650	1.108	80.0	5.0	284
04 07 78 1000			.3		0.060	0.940	0.062	0.840	0.962	0.880	1.842	240.0	5.0	334
08 08 78 1030			.3		0.010L	0.880	0.010	0.590	0.610	0.870	1.480	240.0	1.0	385
06 09 78 1010			.3		0.010L	0.960	0.011	0.340	0.361	0.950	1.311	280.0	15.0	415
03 10 78 1100			.3		0.580	1.300	0.078	1.400	2.058	0.720	2.778	270.0	1.0	465
31 10 78 1255			.3		0.290	1.000	0.062	3.000	3.352	0.710	4.062	290.0	2.0	465
04 12 78 1630			.3		2.100	2.600	0.003	1.800	3.903	0.500	4.403	350.0	2.0	560
MAXIMUM					14.000	18.000	0.100	3.000	14.017	4.000	18.017	350.0	15.0	825
AVG OR GEOM MN (*)					2.109D	3.429	0.040	0.978D	3.127	1.320	4.447	250.0	5.1	447
MINIMUM					0.010	0.680	0.003	0.010	0.361	0.500	1.108	80.0	1.0	284
NO OF SAMPLES					9	9	9	9	9	9	9	7	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 01 78 1715			.3				17.0	4.40	10.0		7.40			1.0L
03 04 78 1715			.3		5.40	35.0	35.0	7.30	28.0	345	7.20		0.600	40.0
02 05 78 1030			.3		2.20	8.0	13.0	3.20	6.0	115	7.30		0.250	1.0L
06 06 78 1015			.3		0.95	1.0	13.0		5.0	115	7.50		0.350	
04 07 78 1000			.3		1.00	11.0	14.0		4.0	140	7.50		0.300	
08 08 78 1030			.3		0.85	14.0	15.0		2.0	153	7.70		0.110	
06 09 78 1010			.3		1.60	16.0	15.0		3.0	169	7.70			
03 10 78 1100			.3		0.73	20.0	22.0		5.0	172	7.70	6.8	0.150	
31 10 78 1255			.3		0.76	20.0	21.0		6.0	168	7.80		0.080	
04 12 78 1630			.3		1.30	22.0	24.0		14.0	230	7.60	6.6	0.200	
MAXIMUM					5.40	35.0	35.0	7.30	28.0	345	7.80	6.8	0.600	40.0
AVG OR GEOM MN (*)					1.64	16.3	18.9	4.97	8.3	179	7.54	6.7	0.255	14.00
MINIMUM					0.73	1.0	13.0	3.20	2.0	115	7.20	6.6	0.080	1.0
NO OF SAMPLES					9	9	10	3	10	9	10	2	8	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	265 TOTAL ARSENIC MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
03 01 78 1715			.3			53.00		10.00						
06 02 78 1800			.3					10.00						
08 03 78 1830			.3					10.00						
03 04 78 1715			.3		324.0	78.00	60	25.00			0.024	0.005L		0.009
02 05 78 1030			.3		164.0	33.60	70G	6.80			0.005	0.022		0.011
06 06 78 1015			.3		128.0		70G				0.006	0.001L	0.001L	0.001L
04 07 78 1000			.3		154.0		70G							
08 08 78 1030			.3		172.0	52.00	60		0.004L		0.004	0.005L	0.001L	0.002
06 09 78 1010			.3		188.0		70G		0.004L		0.004	0.005L	0.001L	0.002
03 10 78 1100			.3		200.0		40							
31 10 78 1255			.3		200.0		30		0.004L	0.002L	0.002	0.010L	0.001L	0.001
04 12 78 1630			.3		228.0		15							
MAXIMUM					324.0	78.00	70	25.00	0.004	0.002	0.024	0.022	0.001	0.011
AVG OR GEOM MN (*)					195.3	54.15	54U	12.36	0.004D	0.002D	0.008	0.008D	0.001D	0.004D
MINIMUM					128.0	33.60	15	6.80	0.004	0.002	0.002	0.001	0.001	0.001
NO OF SAMPLES					9	4	9	5	3	1	6	6	4	6

(C O N T D)

STATION ID: 01-0060-007-02

B.O.W./ SITE: RUDDER CREEK
SAMPLE POINT: 3 MILES WEST OF HWY 614 ON AMERICAN CAN INDUSTRIAL ROAD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO: 7 LAT: LONG: U T M: 16 0574500.0 5440900.0 4 REGION: 06 MILEAGE: 62.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
03 04 78 1715			.3		0.330	0.003	
02 05 78 1030			.3		0.074	0.001L	
06 06 78 1015			.3			0.001L	0.001L
04 07 78 1000			.3		0.019		
08 08 78 1030			.3		0.029	0.001L	0.001L
06 09 78 1010			.3		0.029	0.001L	0.001L
03 10 78 1100			.3		0.007		
31 10 78 1255			.3		0.018	0.001L	0.002
04 12 78 1630			.3		0.061		
MAXIMUM					0.330	0.003	0.002
AVG OR GEOM MN (*)					0.071	0.001D	0.001D
MINIMUM					0.007	0.001	0.001
NO OF SAMPLES					8	6	4

STATION ID: 01-0067-001-02

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

STN NO: 1 LAT: LONG: U T M: 16 0527050.0 5405200.0 4 REGION: 06 MILEAGE: 0.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78 1030			.3		20509	4	197.00	24.	12.	4.	0.5		2.2	0.310
07 02 78 1200			.3		20522		131.00	8.	4. L	4. L	0.0	12.4	1.2	0.032
07 03 78 1500			.3		20539		102.00	4. L	2. L	2. L	0.1	14.0	4.0	0.080
04 04 78 1500			.3		20556		90.50	20.	10. L	10.			1.8	
01 05 78 1245			.3		20573		975.00	100. L	4.	4. L	0.0	15.0	1.6	0.110
09 05 78 1430			.3		20590		2340.00	100. L	20.	4.	0.0	10.4	1.2	0.470
05 06 78 1310			.3		20601		1130.00	170.	4. L	4.	1.0	12.6	1.6	0.097
03 07 78 1300			.3		20616		630.00	140.	12.	12.	19.5	8.8	0.4	0.024
07 08 78 1310			.3		20633		220.00	10. L	4. L	4. L	20.2	10.3	0.8	0.010
05 09 78 1300			.3		20649		173.00	500.	24.	32.	15.0	8.4	0.8	0.023
02 10 78 1345			.3		20658		171.00	2000.	4.	148.	15.5	9.0	0.6	0.012
30 10 78 1230			.3		20673	6	196.00	60.	4. L	4. L			1.6	0.016
04 12 78 1125			.3		20690		125.00	16.	4. L	4.	0.0	13.8	0.6	0.007
MAXIMUM							2340.00	2000.	24.	148.	20.2	15.0	4.0	0.470
AVG OR GEOM MN (*)							498.50	54.* D	6.* D	7.* D	6.5	11.5	1.4	0.099
MINIMUM							90.50	4.	2.	2.	0.0	8.4	0.4	0.007
NO OF SAMPLES							13	13	13	13	11	10	13	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
04 01 78 1030			.3		0.006	0.040	0.900	0.007	0.030	0.077	0.860	0.937		610.0
07 02 78 1200			.3		0.004	0.030	0.520	0.005	0.030	0.065	0.490	0.555		40.0
07 03 78 1500			.3		0.004	0.280	1.200	0.006	0.060	0.346	0.920	1.266		70.0
04 04 78 1500			.3		0.002	0.010		0.003	0.110	0.123				140.0
01 05 78 1245			.3		0.006	0.050	0.720	0.009	0.320	0.379	0.670	1.049		120.0
09 05 78 1430			.3		0.022	0.040	0.900	0.016	0.090	0.146	0.860	1.006		970.0
05 06 78 1310			.3		0.008	0.010	0.560	0.007	0.050	0.067	0.550	0.617	240.0	110.0
03 07 78 1300			.3		0.002	0.010	0.380	0.003	0.010	0.023	0.370	0.393	160.0	45.0
07 08 78 1310			.3		0.002	0.010L	0.270	0.002	0.010L	0.022	0.260	0.282	140.0	5.0
05 09 78 1300			.3		0.004	0.010	0.330	0.005	0.010L	0.025	0.320	0.345	160.0	20.0
02 10 78 1345			.3		0.002	0.010	0.240	0.002	0.020	0.032	0.230	0.262	120.0	6.0
30 10 78 1230			.3		0.001	0.010L	0.320	0.003	0.030	0.043	0.310	0.353	130.0	15.0
04 12 78 1125			.3		0.001	0.010L	0.230	0.002	0.060	0.072	0.220	0.292	140.0	5.0
MAXIMUM					0.022	0.280	1.200	0.016	0.320	0.379	0.920	1.266	240.0	970.0
AVG OR GEOM MN (*)					0.005	0.040D	0.548	0.005	0.064D	0.109	0.505	0.613	155.7	165.8
MINIMUM					0.001	0.010	0.230	0.002	0.010	0.022	0.220	0.262	120.0	5.0
NO OF SAMPLES					13	13	12	13	13	13	12	12	7	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
04 01 78 1030			.3			151	232	210.00	10.0	4.0		8.30		12.000
07 02 78 1200			.3			159	245	20.00	1.0	6.5	3.00	7.70		1.200
07 03 78 1500			.3			156	240	42.00	2.0	5.5	2.60	7.60		2.700
04 04 78 1500			.3			157	242	84.00	7.0	2.7	2.50	7.70		6.200
01 05 78 1245			.3				126	52.00	1.0	1.8	2.20	7.40		3.100
09 05 78 1430			.3				123	230.00	1.0L	0.1L	2.31	8.00		13.000
05 06 78 1310			.3		130		142	54.00	1.0	3.1	2.00	7.80		3.100
03 07 78 1300			.3		115		160	17.00	1.0L	6.2	1.70	7.90		1.000
07 08 78 1310			.3		135		205	6.90	1.0	3.2	1.80	8.40	7.6	0.210
05 09 78 1300			.3		140		234	14.00	1.0L	4.1	2.00	8.10	7.5	1.300
02 10 78 1345			.3		114		221	6.20	1.0	4.7	1.90	8.00	7.5	0.430
30 10 78 1230			.3		115		214	10.00	1.0	4.0	2.40	8.00		0.050L
04 12 78 1125			.3		135		216	5.70	1.0	5.6	2.30	7.80	7.6	0.400
MAXIMUM					140	159	245	230.00	10.0	6.5	3.00	8.40	7.6	13.000
AVG OR GEOM MN (*)					126	156	200	57.83	2.20	4.0D	2.23	7.90	7.6	3.438D
MINIMUM					114	151	123	5.70	1.0	0.1	1.70	7.40	7.5	0.050
NO OF SAMPLES					7	4	13	13	13	13	12	13	4	13

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
04 01 78	1030			.3		1.0L	36.0	60							
07 02 78	1200			.3		13.0	37.0	20		0.010L	0.160	0.020L	0.002	0.005L	0.001
07 03 78	1500			.3		1.0L	11.0	20	0						
04 04 78	1500			.3		1.0L	6.6	10L							
01 05 78	1245			.3		1.0L		40	4	0.010	0.050L	0.020L	0.004	0.052	0.001L
09 05 78	1430			.3		1.0L	10.3	40							
05 06 78	1310			.3		2.0	11.0	40							
03 07 78	1300			.3			9.7	20			0.01 L				
07 08 78	1310			.3		1.0L	9.0	20		0.004L	0.050L	0.020L	0.001	0.005L	0.001L
05 09 78	1300			.3		1.0L	7.0	20							
02 10 78	1345			.3		1.0L	7.0	30		0.004L	0.005L	0.020L	0.006	0.010L	0.001L
30 10 78	1230			.3		1.0L	8.0	35							
04 12 78	1125			.3		1.0L		10							
MAXIMUM						13.0	37.0	60	4	0.010	0.160	0.020	0.006	0.052	0.001
AVG OR GEOM MN (*)						2.1D	13.9	28D	2	0.007D	0.055D	0.020D	0.003	0.018D	0.001D
MINIMUM						1.0	6.6	10	0	0.004	0.005	0.020	0.001	0.005	0.001
NO OF SAMPLES						12	11	13	2	4	5	4	4	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
07 02 78	1200			.3		0.018	0.006
01 05 78	1245			.3		0.009	0.004
07 08 78	1310			.3		0.002	0.001L
02 10 78	1345			.3		0.002	0.001L
MAXIMUM						0.018	0.006
AVG OR GEOM MN (*)						0.008	0.003D
MINIMUM						0.002	0.001
NO OF SAMPLES						4	4

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK

STORET CODE: 02
001
2620

STN NO: 1 LAT: LONG: U T M: 16 0494525.0 5408350.0 4 REGION: 06 MILEAGE: 8.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78	1115			.3		20508		100. L	100. L	60.	15.0	4.0	230.0	0.030	
07 02 78	1230			.3		20521		200.	80.	110.	12.0	11.0	120.0	0.170	
06 03 78	1315			.3		20538		4000.	10.	130.	15.0		200.0	0.170	
04 04 78	1315			.3		20555		200.	100.	200.			230.0	0.130	
01 05 78	1115			.3		20572		10000.	10. L	600.	14.0	8.7	180.0	0.400	
09 05 78	1350			.3		20589		10000. L	100. L	30.	12.0	8.2	132.0	1.200	0.100
05 06 78	1205			.3		20600		10000E+2G	10. L	40.	11.5	14.9	160.0	0.250	
03 07 78	1140			.3		20615		100. L	100. L	30.	6.5	3.6	16.0	0.180	0.005
07 08 78	1230			.3		20632		1000. L	10. L	1500.	14.8	4.5	170.0	0.081	
05 09 78	1220			.3		20648	9 0	100. L	10. L	300.	14.0	7.6	20.0	0.077	0.010
02 10 78	1250			.3		20657		4000.	10. L	100.	28.5	4.0	200.0	0.180	
30 10 78	1145			.3		20672	6	100. L	10. L	120.			270.0	0.340	
05 12 78	1010			.3		20689	6 9 0	200.	50.	100.	24.5	4.9	170.0	0.210	
MAXIMUM								10000E+2	100.	1500.	28.5	14.9	270.0	1.200	0.100
AVG OR GEOM MN (*)								1019.* E	27.* D	126.*	15.3	7.1	161.4	0.263	0.038
MINIMUM								100.	10.	30.	6.5	3.6	16.0	0.030	0.005
NO OF SAMPLES								13	13	13	11	10	13	13	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78	1115			.3			1.000							770.0	
07 02 78	1230			.3			1.100							150.0	
06 03 78	1315			.3			1.200							330.0	
04 04 78	1315			.3			1.500							140.0	
01 05 78	1115			.3			2.100							610.0	
09 05 78	1350			.3		0.220	0.700	0.100	0.010L	0.330	0.480	0.810		3230.0	
05 06 78	1205			.3			1.400						1460.0	310.0	1150
03 07 78	1140			.3		0.010L	0.470	0.017	0.240	0.267	0.460	0.727	850.0	480.0	370
07 08 78	1230			.3			0.600						710.0	180.0	530
05 09 78	1220			.3		0.010L	0.420	0.013	0.080	0.103	0.410	0.513	1080.0	110.0	970
02 10 78	1250			.3			0.800						2900.0	280.0	2620
30 10 78	1145			.3			0.800						2500.0	220.0	2280
05 12 78	1010			.3			1.300						1560.0	160.0	1400
MAXIMUM						0.220	2.100	0.100	0.240	0.330	0.480	0.810	2900.0	3230.0	2620
AVG OR GEOM MN (*)						0.080D	1.030	0.043	0.1100	0.233	0.450	0.683	1580.0	536.2	1331
MINIMUM						0.010	0.420	0.013	0.010	0.103	0.410	0.513	710.0	110.0	370
NO OF SAMPLES						3	13	3	3	3	3	3	7	13	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
04 01 78	1115			.3		610	940	21.00	131.0	43.0		9.80		3.800	250.0
07 02 78	1230			.3		579	890	22.00	150.0	66.0	2.30	7.60		3.200	225.0
06 03 78	1315			.3		1008	1550	18.00	209.0	160.0		7.50		4.900	425.0
04 04 78	1315			.3		832	1280	11.00	174.0	131.0		7.50		4.500	400.0
01 05 78	1115			.3			910	47.00	68.0	137.0	2.00	9.60		7.000	310.0
09 05 78	1350			.3			1260	160.00	262.0	50.0	3.54	7.20		19.000	80.0
05 06 78	1205			.3			1220	5.70	202.0	93.0	0.23	7.70		4.200	122.0
03 07 78	1140			.3			530	140.00	24.0	14.0	2.50	10.90		3.600	
07 08 78	1230			.3			580	27.00	25.0	27.0	2.20	10.70	10.2	0.660	234.0
05 09 78	1220			.3			1470	12.00	17.0	432.0	1.90	10.40	9.5	1.200	
02 10 78	1250			.3			1610	16.00	229.0	179.0	2.70	7.90	10.8	1.500	460.0
30 10 78	1145			.3			2460	13.00	316.0	281.0	3.50	10.40		3.300	620.0
05 12 78	1010			.3			1800	12.00	290.0	200.0	2.20	7.40	7.8	3.300	310.0

(C O N T D)

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
STATION ID: 01-0074-001-02
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK
STORET CODE: 02 001 2620

STN NO: 1 LAT: LONG: U T M: 16 0494525.0 5408350.0 4 REGION: 06 MILEAGE: 8.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
MAXIMUM					1008	2460	160.00	316.0	432.0	3.54	10.90	10.8	19.000	620.0
AVG OR GEOM MN (*)					757	1269	38.82	161.3	139.5	2.31	8.82	9.6	4.628	312.4
MINIMUM					579	530	5.70	17.0	14.0	0.23	7.20	7.8	0.660	80.0
NO OF SAMPLES					4	13	13	13	13	10	13	4	13	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
04 01 78 1115			.3		880.0	1700								
07 02 78 1230			.3		190.0	500		0.010L	0.050	0.020L	0.012	0.050L	0.011	0.041
06 03 78 1315			.3		330.0	1150	3							
04 04 78 1315			.3		580.0	1150								
01 05 78 1115			.3			2030	42	0.010L	0.050L	0.040	0.068	0.005L	0.005L	0.060
09 05 78 1350			.3		170.0	750								
05 06 78 1205			.3		180.0	900								
03 07 78 1140			.3		9.4	30			0.10					
07 08 78 1230			.3		73.0	510		0.004L	0.050L	0.040L	0.016	0.038	0.008	0.036
05 09 78 1220			.3		17.0	120								
02 10 78 1250			.3		240.0	1175		0.004L	0.005L	0.040	0.005L	0.100L	0.005L	0.045
30 10 78 1145			.3		350.0	1400								
05 12 78 1010			.3			900								
MAXIMUM					880.0	2030	42	0.010	0.10	0.040	0.068	0.100	0.011	0.060
AVG OR GEOM MN (*)					274.5	947	23	0.007D	0.051D	0.035D	0.025D	0.048D	0.007D	0.046
MINIMUM					9.4	30	3	0.004	0.005	0.020	0.005	0.005	0.005	0.036
NO OF SAMPLES					11	13	2	4	5	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
07 02 78 1230			.3		0.011
01 05 78 1115			.3		0.031
07 08 78 1230			.3		0.014
02 10 78 1250			.3		0.001L
MAXIMUM					0.031
AVG OR GEOM MN (*)					0.014D
MINIMUM					0.001
NO OF SAMPLES					4

B.O.W./ SITE: AGUASABON DIVERSION
STATION ID: 01-0075-002-02
SAMPLE POINT: AT AGUASABON HYDRO PLANT
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: AGUASABON RIVER
STORET CODE: 02 001 2770

STN NO: 2 LAT: LONG: U T M: 16 0488200.0 5403500.0 4 REGION: 06

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1150			.3		20507		4. L	4. L	4. L	0.5	12.5	0.6	0.001	0.001
07 02 78 1340			.3		20520		4. L	4. L	4. L	0.5	12.7	1.0	0.002	0.004
06 03 78 1140			.3		20537		4. L	2. L	2. L	0.0	12.0	0.2	0.007	0.003
01 05 78 1125			.3		20571		4. L	4. L	4. L	1.0	14.6	0.6	0.011	0.001L
09 05 78 1325			.3		20588	6	4.	4. L	4. L	1.0	11.1	0.3	0.010	0.001
05 06 78 1130			.3		20599		16.	4. L	4. L	2.7	12.7	1.6	0.010	0.001L
03 07 78 1117			.3		20614		32.	4. L	8.	12.0	6.8	0.6	0.004	0.001L
07 08 78 1155			.3		20631		64.	4. L	4.	14.6	10.2	0.8	0.001L	0.002
05 09 78 1145			.3		20647		600.	4. L	4. L	15.0	9.8	0.2	0.006	0.001
02 10 78 1215			.3		20656		240.	4. L	20.	16.6	8.6	0.4	0.011	0.002
30 10 78 1100			.3		20671	9 0	4.	4. L	4. L			0.4	0.016	0.001
05 12 78 1040			.3		20688		4. L	4. L	4. L	5.0	12.6	0.4	0.009	0.002
MAXIMUM							600.	4.	20.	16.6	14.6	1.6	0.016	0.004
AVG OR GEOM MN (*)							14.* D	4.* D	5.* D	6.3	11.2	0.6	0.007D	0.002D
MINIMUM							4.	2.	2.	0.0	6.8	0.2	0.001	0.001
NO OF SAMPLES							12	12	12	11	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1150			.3		0.010	0.170	0.003	0.050	0.063	0.160	0.223		1.0	
07 02 78 1340			.3		0.010	0.210	0.003	0.030	0.043	0.200	0.243		1.0	
06 03 78 1140			.3		0.010	0.210	0.002	0.060	0.072	0.200	0.272		1.0	
01 05 78 1125			.3		0.020	0.470	0.002	0.160	0.182	0.450	0.632		2.0	
09 05 78 1325			.3		0.020	0.310	0.003	0.170	0.193	0.290	0.483		1.0	
05 06 78 1130			.3		0.020	0.320	0.003	0.170	0.193	0.300	0.493	65.0	3.0	62
03 07 78 1117			.3		0.007	0.270	0.002	0.120	0.129	0.263	0.392	85.0	1.0	84
07 08 78 1155			.3		0.010L	0.250	0.002	0.110	0.122	0.240	0.362	100.0	1.0	99
05 09 78 1145			.3		0.010L	0.280	0.002	0.100	0.112	0.270	0.382	95.0	1.0	94
02 10 78 1215			.3		0.010L	0.250	0.002	0.110	0.122	0.240	0.362	90.0	1.0	89
30 10 78 1100			.3		0.010L	0.440	0.002	0.110	0.122	0.430	0.552	90.0	1.0	89
05 12 78 1040			.3		0.010L	0.220	0.002	0.100	0.112	0.210	0.322	85.0	1.0	84
MAXIMUM					0.020	0.470	0.003	0.170	0.193	0.450	0.632	100.0	3.0	99
AVG OR GEOM MN (*)					0.012D	0.283	0.002	0.108	0.122	0.271	0.393	87.1	1.3	86
MINIMUM					0.007	0.170	0.002	0.030	0.043	0.160	0.223	65.0	1.0	62
NO OF SAMPLES					12	12	12	12	12	12	12	7	12	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L
04 01 78 1150			.3		87	134	0.60	1.0	2.5		7.30		1.300	25.0
07 02 78 1340			.3		94	144	0.45	1.0	3.0	1.80	7.60		0.100	26.0
06 03 78 1140			.3		97	149	0.35	1.0	2.5	1.80	7.70		0.050	10.0
01 05 78 1125			.3			146	0.50	1.0	1.9	1.80	7.50		0.100	
09 05 78 1325			.3			118	1.20	1.0L	3.2	1.85	7.50		0.100	7.8
05 06 78 1130			.3			89	0.65	1.0	2.9	15.00	7.60		0.100	7.4
03 07 78 1117			.3			117	0.50	1.0	6.0	1.50	7.90		0.100	7.1
07 08 78 1155			.3			134	0.70	1.0	2.3	1.60	8.00	7.4	0.029	7.0
05 09 78 1145			.3			138	0.42	1.0	2.1	1.80	8.00	7.0	0.050	7.0
02 10 78 1215			.3			141	0.57	1.0	2.5	1.50	7.70	6.8	0.150	8.0
30 10 78 1100			.3			133	0.84	1.0	3.8	1.60	7.80		0.100	8.0
05 12 78 1040			.3			134	0.55	1.0	3.2	1.60	7.70	7.1	0.100	
MAXIMUM					97	149	1.20	1.0	6.0	15.00	8.00	7.4	1.300	26.0
AVG OR GEOM MN (*)					93	131	0.61	1.0D	3.0	2.90	7.69	7.1	0.190	11.3
MINIMUM					87	89	0.35	1.0	1.9	1.50	7.30	6.8	0.029	7.0
NO OF SAMPLES					3	12	12	12	12	11	12	4	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
04 01 78 1150			.3		30									
07 02 78 1340			.3		30		0.010L	0.050	0.020	0.002	0.005L	0.001	0.004	0.002
06 03 78 1140			.3		10	0								
01 05 78 1125			.3		20	1	0.010L	0.050	0.020L	0.001L	0.010	0.001	0.004	0.001L
09 05 78 1325			.3		20									
05 06 78 1130			.3		30									
03 07 78 1117			.3		20									
07 08 78 1155			.3		20		0.004L	0.050L	0.020L	0.002	0.005L	0.001L	0.002	0.001L
05 09 78 1145			.3		10L									
02 10 78 1215			.3		20		0.004L	0.005L	0.020L	0.010	0.010L	0.001L	0.008	0.001L
30 10 78 1100			.3		30									
05 12 78 1040			.3		30									
MAXIMUM					30	1	0.010	0.050	0.020	0.010	0.010	0.001	0.008	0.002
AVG OR GEOM MN (*)					23D	1	0.007D	0.039D	0.020D	0.004D	0.008D	0.001D	0.005	0.001D
MINIMUM					10	0	0.004	0.005	0.020	0.001	0.005	0.001	0.002	0.001
NO OF SAMPLES					12	2	4	4	4	4	4	4	4	4

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT BRIDGE CAMERON FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02AD008

STATION ID: 01-0090-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO: 1 LAT: LONG: U T M: 16 0401700.0 5444875.0 4 REGION: 06 MILEAGE: 11.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78 1420			.3		20506	4	14400.00	4. L	4. L	4. L	0.0	13.5	0.8	0.002
07 02 78 1550			.3		20534		13500.00	4.	4. L	4.	0.5	12.2	0.6	0.001
07 03 78 1530			.3		20551		11200.00	4. L	2. L	2. L	0.0	14.0	0.5	0.005
03 04 78 1530			.3		20568		12100.00	4. L	4. L	4. L			0.2	0.006
02 05 78 1530			.3		20585		6610.00	4. L	4. L	4. L	2.0	14.4	0.5	0.008
06 06 78 1500			.3		20611		8790.00	4.	4. L	4. L			1.2	0.010
04 07 78 1407			.3		20626		11000.00	4. L	4. L	4. L	12.5	12.0	0.8	0.008
08 08 78 1520			.3		20643	6	9530.00	8.	4. L	4. L			2.0	0.011
06 09 78 1515			.3		20759		10700.00	16.	4. L	4. L	12.0	10.2	0.2	0.009
03 10 78 1540			.3		20668		11000.00	28.	4. L	4. L	12.0	9.0	1.0	0.014
31 10 78 1700			.3		20685	6	6090.00	4. L	4. L	4. L			0.6	0.013
MAXIMUM							14400.00	28.	4.	4.	12.5	14.4	2.0	0.014
AVG OR GEOM MN (*)							10447.27	6.* D	4.* D	4.* D	5.6	12.2	0.8	0.008
MINIMUM							6090.00	4.	2.	2.	0.0	9.0	0.2	0.001
NO OF SAMPLES							11	11	11	11	7	7	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
04 01 78 1420			.3		0.003	0.020	0.140	0.001	0.050	0.071	0.120	0.191		1.0
07 02 78 1550			.3		0.004	0.020	0.190	0.002	0.030	0.052	0.170	0.222		1.0
07 03 78 1530			.3		0.001L	0.010	0.170	0.010L	0.040	0.060	0.160	0.220		1.0
03 04 78 1530			.3		0.003	0.020	0.180	0.001	0.100	0.121	0.160	0.281		1.0
02 05 78 1530			.3		0.001	0.010	0.230	0.001	0.090	0.101	0.220	0.321		1.0
06 06 78 1500			.3		0.002	0.020	0.250	0.002	0.060	0.082	0.230	0.312	180.0	1.0
04 07 78 1407			.3		0.002	0.020	0.270	0.001	0.060	0.081	0.250	0.331	100.0	1.0
08 08 78 1520			.3		0.007	0.030	0.340	0.001	0.060	0.091	0.310	0.401	85.0	1.0
06 09 78 1515			.3		0.002	0.010	0.270	0.003	0.050	0.063	0.260	0.323	140.0	2.0
03 10 78 1540			.3		0.001	0.010L	0.220	0.002	0.080	0.092	0.210	0.302	70.0	2.0
31 10 78 1700			.3		0.001	0.010	0.260	0.002	0.060	0.072	0.250	0.322	95.0	1.0
MAXIMUM					0.007	0.030	0.340	0.010	0.100	0.121	0.310	0.401	180.0	2.0
AVG OR GEOM MN (*)					0.002D	0.016D	0.229	0.002D	0.062	0.081	0.213	0.293	111.7	1.2
MINIMUM					0.001	0.010	0.140	0.001	0.030	0.052	0.120	0.191	70.0	1.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	6	11

(CONTD)

STATION ID: 01-0090-001-02

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT BRIDGE CAMERON FALLS
STATION TYPE: RIVER   FLOW GAUGE FED 02AD008

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO: 1   LAT: LONG: U T M: 16 0401700.0 5444875.0 4   REGION: 06   MILEAGE: 11.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
04 01 78 1420			.3		145	0.85	1.0	2.0	1.80	2.0	71	6.30		0.032
07 02 78 1550			.3		148	0.60	1.0	2.5	1.80	2.0	71	7.80		0.050
07 03 78 1530			.3		149	0.55	1.0	2.0	1.80	2.0	71	8.00		0.050
03 04 78 1530			.3		149	0.35	1.0	2.3	1.70	2.0	70	7.90		0.024
02 05 78 1530			.3		144	0.50	1.0			1.0	71	7.90		0.050L
06 06 78 1500			.3		138	0.45	1.0	2.8		1.0	68	8.00		0.050L
04 07 78 1407			.3		141	0.60	1.0	5.3		2.0	68	7.90		0.025
08 08 78 1520			.3		148	0.65	2.0	1.7		1.0	68	8.10		0.027
06 09 78 1515			.3		144	0.50	1.0	1.6		1.0L	69	8.10	7.4	0.050
03 10 78 1540			.3		145	0.87	1.0	1.5		2.0	67	8.00	7.2	0.060
31 10 78 1700			.3		150	0.69	2.0	2.0		2.0	66	8.00		
MAXIMUM					150	0.87	2.0	5.3	1.80	2.0	71	8.10	7.4	0.060
AVG OR GEOM MN (*)					146	0.60	1.2	2.4	1.78	1.6D	69	7.82	7.3	0.042D
MINIMUM					138	0.35	1.0	1.5	1.70	1.0	66	6.30	7.2	0.024
NO OF SAMPLES					11	11	11	10	4	11	11	11	2	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L
04 01 78 1420			.3		1.0L	69.0	23.00	3.00	10	0.65	1.30	20		
07 02 78 1550			.3		4.0	74.0	24.00	5.00	5	0.60	1.30	20		
07 03 78 1530			.3		1.0L	74.0	23.00	4.00	5L	0.60	1.20	10	1	
03 04 78 1530			.3		1.0L	76.0	24.00	4.00	10	0.95	1.40	10		
02 05 78 1530			.3			68.0			15		1.40	10		
06 06 78 1500			.3			68.0			5					
04 07 78 1407			.3			68.0			10					
08 08 78 1520			.3			68.0	24.00		10					0.004
06 09 78 1515			.3			70.0			5					
03 10 78 1540			.3			74.0			10					
31 10 78 1700			.3			70.0			5					
MAXIMUM					4.0	76.0	24.00	5.00	15	0.95	1.40	20	1	0.004
AVG OR GEOM MN (*)					1.8D	70.8	23.60	4.00	8D	0.70	1.32	14	1	0.004
MINIMUM					1.0	68.0	23.00	3.00	5	0.60	1.20	10	1	0.004
NO OF SAMPLES					4	11	5	4	11	4	5	5	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
04 01 78 1420			.3		0.004L			0.001L	0.002	0.001L	
07 02 78 1550			.3		0.003			0.002	0.003	0.001L	
07 03 78 1530			.3		0.003			0.001L	0.002	0.001L	
03 04 78 1530			.3		0.001L			0.001L	0.001L	0.001	
02 05 78 1530			.3		0.001L			0.001L	0.001L	0.001	
06 06 78 1500			.3		0.011	0.009	0.002	0.002	0.040	0.002	0.002
04 07 78 1407			.3		0.005	0.005L	0.001L	0.001L	0.002	0.001	0.001
08 08 78 1520			.3		0.002	0.005L	0.001L	0.001	0.003	0.001L	0.001L
06 09 78 1515			.3		0.001	0.024	0.001	0.004	0.004	0.001L	
03 10 78 1540			.3		0.015	0.010	0.001L	0.430	0.002	0.001L	0.001L
31 10 78 1700			.3		0.015	0.010	0.001L	0.430	0.002	0.001L	0.001L
MAXIMUM					0.015	0.024	0.002	0.430	0.040	0.002	0.002
AVG OR GEOM MN (*)					0.006D	0.011D	0.001D	0.079D	0.006D	0.001D	0.001D
MINIMUM					0.001	0.005	0.001	0.001	0.001	0.001	0.001
NO OF SAMPLES					11	6	6	11	11	11	5

STATION ID: 01-0090-002-02

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT HIGHWAY 17, NIPIGON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO: 2   LAT: LONG: U T M: 16 0408550.0 5430200.0 4   REGION: 06   MILEAGE: 6.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1355			.3		20505		4. L	4. L	4. L	0.5	14.0	1.4	0.003	0.005
07 02 78 1510			.3		20519		4. L	4. L	4. L	0.5	12.7	0.2	0.003	0.004
07 03 78 1500			.3		20536		4. L	2. L	2. L	0.0	11.0	0.2	0.004	0.002
04 04 78 1500			.3		20553		4. L	4. L	4. L			1.6	0.007	0.002
01 05 78 0952			.3		20570		16.	4. L	4. L	0.0	15.0	0.7	0.020	0.001L
09 05 78 1150			.3		20587	6	4. L	4. L	4. L	0.1	11.4	0.3	0.016	0.001
05 06 78 1015			.3		20598		4. L	4. L	4. L	3.7	12.6	1.0	0.018	0.001L
03 07 78 0947			.3		20613		8.	4. L	4. L	11.0	9.0	1.6	0.006	0.001
07 08 78 1030			.3		20630		4. L	4. L	4. L	14.5	10.4	1.2	0.016	0.002
05 09 78 1020			.3		20646		4. L	4. L	4. L	15.0	8.0	0.2	0.012	0.002
02 10 78 1045			.3		20655		152.	108.	96.	16.8	9.2	0.6	0.011	0.001
30 10 78 1045			.3		20670	6	4.	4. L	4.			1.0	0.013	0.001
05 12 78 1205			.3		20687		4. L	4. L	4. L	4.8	12.5	0.6	0.004	0.001L
1240			.3		20700		4. L	4. L	4. L	5.0	13.0	0.8	0.010	0.003
MAXIMUM							152.	108.	96.	16.8	15.0	1.6	0.020	0.005
AVG OR GEOM MN (*)							6.* D	5.* D	5.* D	6.0	11.6	0.8	0.010	0.002D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.003	0.001
NO OF SAMPLES							14	14	14	12	12	14	14	14

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78	1355			.3		0.020	0.220	0.002	0.030	0.052	0.200	0.252		3.0	
07 02 78	1510			.3		0.020	0.180	0.003	0.030	0.053	0.160	0.213		2.0	
07 03 78	1500			.3		0.010L	0.120	0.001	0.040	0.051	0.110	0.161		1.0	
04 04 78	1500			.3		0.010L	0.170	0.001	0.100	0.111	0.160	0.271		1.0	
01 05 78	0952			.3		0.020	0.300	0.001	0.090	0.111	0.280	0.391		3.0	
09 05 78	1150			.3		0.010	0.230	0.002	0.060	0.072	0.220	0.292		5.0	
05 06 78	1015			.3		0.020	0.320	0.001	0.060	0.081	0.300	0.381	100.0	5.0	95
03 07 78	0947			.3		0.010	0.240	0.002	0.050	0.062	0.230	0.292	100.0	5.0	95
07 08 78	1030			.3		0.010	0.340	0.001	0.040	0.051	0.330	0.381	110.0	5.0	105
05 09 78	1020			.3		0.010	0.180	0.002	0.040	0.052	0.170	0.222	85.0	3.0	82
02 10 78	1045			.3		0.010	0.150	0.002	0.050	0.062	0.140	0.202	80.0	2.0	78
30 10 78	1045			.3		0.010L	0.230	0.002	0.050	0.062	0.220	0.282	85.0	2.0	83
05 12 78	1205			.3		0.010L	0.130	0.001	0.080	0.091	0.120	0.211	90.0	2.0	88
	1240			.3		0.010	0.150	0.001	0.080	0.091	0.140	0.231	90.0	1.0	
MAXIMUM						0.020	0.340	0.003	0.100	0.111	0.330	0.391	110.0	5.0	105
AVG OR GEOM MN (*)						0.013D	0.211	0.002	0.057	0.072	0.199	0.270	92.5	2.9	89
MINIMUM						0.010	0.120	0.001	0.030	0.051	0.110	0.161	80.0	1.0	78
NO OF SAMPLES						14	14	14	14	14	14	14	8	14	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU
04 01 78	1355			.3		96	147	1.70	1.0	2.0				7.20	
07 02 78	1510			.3		100	154	1.60	1.0	3.0	1.90			7.50	
07 03 78	1500			.3		98	150	0.80	1.0	2.5	1.80			8.00	
04 04 78	1500			.3		103	159	0.75	4.0	1.2	1.80			7.90	
01 05 78	0952			.3			160	3.30	3.0	1.6	1.8			7.50	
09 05 78	1150			.3			139	2.40	1.0	1.5	1.76			7.90	
05 06 78	1015			.3			137	3.20	1.0	2.2	1.70			7.90	
03 07 78	0947			.3			145	1.60	2.0	4.8	1.60			7.90	
07 08 78	1030			.3			147	3.10	2.0	1.5	1.90			8.20	7.6
05 09 78	1020			.3			149	1.00	1.0	1.7	2.10			8.10	6.8
02 10 78	1045			.3			147	1.20	1.0	2.1	1.60			8.00	5.5
30 10 78	1045			.3			148	1.50	1.0	0.6	1.70			8.00	
05 12 78	1205			.3			149	1.30	1.0	1.9	1.70			7.90	7.4
	1240			.3			150	0.70	1.0	1.7		2.0	70	8.00	6.8
MAXIMUM						103	160	3.30	4.0	4.8	2.10	2.0	70	8.20	7.6
AVG OR GEOM MN (*)						99	149	1.73	1.5	2.0	1.78	2.0	70	7.86	6.8
MINIMUM						96	137	0.70	1.0	0.6	1.60	2.0	70	7.20	5.5
NO OF SAMPLES						4	14	14	14	14	12	1	1	14	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAGNESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 01 78	1355			.3		0.100								23.0	10
07 02 78	1510			.3		0.100								24.0	10L
07 03 78	1500			.3		0.050								7.0	0
04 04 78	1500			.3		0.050								4.8	10L
01 05 78	0952			.3		0.150	1.0L		21.00	5.00		0.55	0.95		20
09 05 78	1150			.3		0.250								4.8	20
05 06 78	1015			.3		0.150								5.5	30
03 07 78	0947			.3		0.150								4.9	10
07 08 78	1030			.3		0.071								5.0	20
05 09 78	1020			.3		0.100								4.0	20
02 10 78	1045			.3		0.060								5.0	20
30 10 78	1045			.3		0.050L								5.0	20
05 12 78	1205			.3		0.100									10
	1240			.3		0.070		70.0			5				
MAXIMUM						0.250	1.0	70.0	21.00	5.00	5	0.55	0.95	24.0	30
AVG OR GEOM MN (*)						0.104D	1.00	70.0	21.00	5.00	5	0.55	0.95	8.5	15D
MINIMUM						0.050	1.0	70.0	21.00	5.00	5	0.55	0.95	4.0	0
NO OF SAMPLES						14	1	1	1	1	1	1	1	11	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
07 02 78	1510			.3			0.010L	0.080	0.020L	0.002	0.005L	0.001	0.004		0.002
07 03 78	1500			.3		0									
01 05 78	0952			.3		0	0.010L	0.050L	0.020L	0.001L	0.005L	0.001L	0.001L	0.001	0.001L
07 08 78	1030			.3			0.004L	0.050L	0.020L	0.003	0.005L	0.001L	0.004		0.001L
02 10 78	1045			.3			0.004L	0.005L	0.020L	0.006	0.010L	0.001L	0.002		0.001L
05 12 78	1240			.3						0.003	0.010L	0.001L	0.002	0.004	0.001L
MAXIMUM						0	0.010	0.080	0.020	0.006	0.010	0.001	0.004	0.004	0.002
AVG OR GEOM MN (*)						0	0.007D	0.046D	0.020D	0.003D	0.007D	0.001D	0.003D	0.003	0.001D
MINIMUM						0	0.004	0.005	0.020	0.001	0.005	0.001	0.001	0.001	0.001
NO OF SAMPLES						2	4	4	4	5	5	5	5	2	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
05 12 78	1240			.3		0.001L
MAXIMUM						0.001
AVG OR GEOM MN (*)						0.001D
MINIMUM						0.001
NO OF SAMPLES						1

B.O.W./ SITE: BLACK STURGEON RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17
STATION TYPE: RIVER FLOW GAUGE FED 02AC002

STATION ID: 01-0092-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACK STURGEON RIVER

STORET CODE: 02
001
7370

STN NO: 1 LAT: LONG: U T M: 16 0399050.0 5417500.0 4 REGION: 06 MILEAGE: 8.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78	1455			.3		20504		560.00	4. L	4. L	4. L	0.0	12.5	2.4	0.006
07 02 78	1705			.3		20518		338.00	4.	4.	4. L	0.5	13.0	1.4	0.022
07 03 78	1600			.3		20535		241.00	24.	4. L	4. L	0.0	14.0	2.4	0.030
04 04 78	1600			.3		20552		308.00	4. L	4. L	4.			1.4	0.007
01 05 78	0926			.3		20569		1160.00	12.	4. L	4. L	0.5	15.0	1.4	0.038
09 05 78	1135			.3		20586	6	1370.00	28.	4. L	4. L	3.0	10.3	0.8	0.310
05 06 78	0955			.3		20597		2590.00	72.	4. L	4.	5.7	11.3	1.0	0.028
03 07 78	0915			.3		20612		1220.00	800.	4. L	4. L	18.0	8.6	1.4	0.009
07 08 78	1000			.3		20629		569.00	40.	4. L	116.	14.6	10.2	1.6	0.008
05 09 78	0955			.3		20645		471.00	60.	4.	1200.	16.5	10.2	0.4	0.023
02 10 78	1005			.3		20654		315.00	90.	8.	220.	16.0	10.4	0.4	0.009
30 10 78	0910			.3		20669	6	268.00	16.	4. L	4.			0.6	0.012
05 12 78	1450			.3		20686		140.00	8.	4. L	4. L	4.0	14.0	1.0	0.006
MAXIMUM								2590.00	800.	8.	1200.	18.0	15.0	2.4	0.310
AVG OR GEOM MN (*)								734.62	24.* D	4.* D	11.* D	7.2	11.8	1.2	0.039
MINIMUM								140.00	4.	4.	4.	0.0	8.6	0.4	0.006
NO OF SAMPLES								13	13	13	13	11	11	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
04 01 78	1455			.3		0.010	0.070	0.260	0.005	0.040	0.115	0.190	0.305		4.0
07 02 78	1705			.3		0.003	0.030	0.570	0.005	0.030	0.065	0.540	0.605		2.0
07 03 78	1600			.3		0.002	0.210	1.100	0.005	0.060	0.275	0.890	1.165		2.0
04 04 78	1600			.3		0.001	0.040	0.580	0.003	0.180	0.223	0.540	0.763		2.0
01 05 78	0926			.3		0.002	0.030	0.660	0.007	0.160	0.197	0.630	0.827		25.0
09 05 78	1135			.3		0.001	0.010	1.300	0.005	0.100	0.115	1.290	1.405		20.0
05 06 78	0955			.3		0.001	0.020	0.400	0.003	0.100	0.123	0.380	0.503	130.0	20.0
03 07 78	0915			.3		0.002	0.010	0.510	0.004	0.070	0.084	0.500	0.584	120.0	5.0
07 08 78	1000			.3		0.003	0.010L	0.410	0.003	0.050	0.063	0.400	0.463	130.0	3.0
05 09 78	0955			.3		0.001	0.010L	0.450	0.003	0.040	0.053	0.440	0.493	190.0	15.0
02 10 78	1005			.3		0.016	0.010L	0.290	0.003	0.050	0.063	0.280	0.343	160.0	3.0
30 10 78	0910			.3		0.001	0.010L	0.330	0.002	0.050	0.062	0.320	0.382	170.0	2.0
05 12 78	1450			.3		0.001L	0.010	0.330	0.002	0.120	0.132	0.320	0.452	190.0	2.0
MAXIMUM						0.016	0.210	1.300	0.007	0.180	0.275	1.290	1.405	190.0	25.0
AVG OR GEOM MN (*)						0.003D	0.036D	0.553	0.004	0.081	0.121	0.517	0.638	155.7	8.1
MINIMUM						0.001	0.010	0.260	0.002	0.030	0.053	0.190	0.305	120.0	2.0
NO OF SAMPLES						13	13	13	13	13	13	13	13	7	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
04 01 78	1455			.3			140	215	2.40	21.0	7.0		6.90		0.350
07 02 78	1705			.3			160	244	1.60	27.0	8.5	4.90	7.40		0.300
07 03 78	1600			.3			170	261	1.40	29.0	8.5	4.70	7.50		0.300
04 04 78	1600			.3			180	277	1.50	33.0	8.0	4.90	7.60		0.300
01 05 78	0926			.3				136	11.00	10.0	3.8	3.60	6.90		1.300
09 05 78	1135			.3				164	10.00	17.0	7.7	3.32	7.40		0.600
05 06 78	0955			.3		110		152	6.30	14.0	6.2	3.40	7.60		1.000
03 07 78	0915			.3		115		172	2.00	17.0	8.4	3.40	7.50		0.350
07 08 78	1000			.3		127		225	2.70	27.0	5.4	3.90	7.90	8.0	0.230
05 09 78	0955			.3		175		259	1.80	33.0	7.0	4.30	8.00	7.5	0.350
02 10 78	1005			.3		157		287	1.90	41.0	8.3	3.90	7.90	6.0	0.450
30 10 78	0910			.3		168		288	2.00	41.0	8.8	4.10	7.80		0.200
05 12 78	1450			.3		188		315	1.80	40.0	10.0	4.20	7.70	6.7	0.250
MAXIMUM						188	180	315	11.00	41.0	10.0	4.90	8.00	8.0	1.300
AVG OR GEOM MN (*)						149	163	230	3.57	26.9	7.5	4.05	7.55	7.1	0.460
MINIMUM						110	140	136	1.40	10.0	3.8	3.32	6.90	6.0	0.200
NO OF SAMPLES						7	4	13	13	13	13	12	13	4	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
04 01 78	1455			.3			27.0	30							
07 02 78	1705			.3			29.0	30		0.010L	0.070	0.020L	0.004	0.005L	0.001
07 03 78	1600			.3		1.0L	15.0	40	0						
04 04 78	1600			.3			11.0	20							
01 05 78	0926			.3				30	0	0.010L	0.050L	0.020L	0.011	0.450	0.001
09 05 78	1135			.3			11.0	40							
05 06 78	0955			.3			12.0	30							
03 07 78	0915			.3			11.2	60			0.01 L				
07 08 78	1000			.3			11.0	30		0.004L	0.050L	0.020L	0.004	0.005L	0.001L
05 09 78	0955			.3			10.0	40							
02 10 78	1005			.3			10.0	30		0.004L	0.005L	0.020L	0.015	0.010L	0.001L
30 10 78	0910			.3			9.0	30							
05 12 78	1450			.3				30							
MAXIMUM						1.0	29.0	60	0	0.010	0.070	0.020	0.015	0.450	0.001
AVG OR GEOM MN (*)						1.0D	14.2	34	0	0.007D	0.037D	0.020D	0.009	0.118D	0.001D
MINIMUM						1.0	9.0	20	0	0.004	0.005	0.020	0.004	0.005	0.001
NO OF SAMPLES						1	11	13	2	4	5	4	4	4	4

(C O N T D)

```
                                          249       238
SAMP DTE HOUR   STN  STN SAMP  PJ       TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH           ZINC    NICKEL
                FEET      MTRS           MG/L      MG/L

07 02 78 1705               .3          0.004     0.002
01 05 78 0926               .3          0.054     0.002
07 08 78 1000               .3          0.001     0.001L
02 10 78 1005               .3          0.006     0.001L

                       MAXIMUM          0.054     0.002
           AVG OR GEOM MN (*)           0.016     0.002D
                       MINIMUM          0.001     0.001

               NO OF SAMPLES                4         4


 B.O.W./ SITE: CURRENT RIVER                                                                STATION ID:  01-0104-001-02
 SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
 STATION TYPE: RIVER    FLOW GAUGE FED 02AB015              MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                            MINOR BASIN: LAKE SUPERIOR                               001
                                                            TERM STREAM: CURRENT RIVER                               7880

STN NO:       1    LAT:                LONG:                U T M: 16 0338350.0 5369000.0 4    REGION: 06         MILEAGE:     0.30

                                          934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
                FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

17 01 78 1500               .3          20010               63.20                                     0.0      14.0       0.6     0.006
13 02 78 1010               .3          20026   4           35.30        8.     4.  L     4.  L       3.0      13.0       0.4     0.001
20 03 78 1220               .3          20039   4           28.50        8.     4.  L     4.  L       1.0      12.6       0.6     0.007
17 04 78 1300               .3          20053               41.00       88.    12.       20.          0.5      11.0       1.2     0.014
24 05 78 1030               .3          20077              278.00       36.     4.        8.         12.0      11.3       0.9     0.013
27 06 78 1130               .3          20101   6          204.00      140.    52.      600.  G      19.0       9.8       0.6     0.008
01 08 78 1200               .3          20125               49.00       24.     4.  L   200.         14.0       9.5       2.1     0.001L
29 08 78 1120               .3          20149               29.10      300.    64.     2900.         18.5       9.4       0.6     0.001L
26 09 78 1000               .3          20173               28.40      400.     4.  L   308.          8.5      11.4       0.8     0.010
23 10 78 1045               .3          20197               32.40       90.     4.  L   100.          4.0      12.4       0.4     0.009
20 11 78 1120               .3          20211               29.90       12.     4.  L    12.          0.0      14.0       0.4     0.004
18 12 78 1310               .3          20225               21.60        4.     4.  L     4.  L       0.0      13.4       0.6     0.006

                       MAXIMUM                             278.00      400.    64.     2900.         19.0      14.0       2.1     0.014
           AVG OR GEOM MN (*)                               70.03      39.*    7.*  D   44.*  E       6.7      11.8       0.8     0.007D
                       MINIMUM                              21.60        4.     4.        4.          0.0       9.4       0.4     0.001

               NO OF SAMPLES                                   12        11        11        11        12        12        12        12

                                           34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH       REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS         P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

17 01 78 1500               .3          0.002     0.010     0.360     0.005     0.050     0.065     0.350     0.415                 1.0
13 02 78 1010               .3          0.002     0.030     0.340     0.005     0.090     0.125     0.310     0.435                 1.0
20 03 78 1220               .3          0.003     0.030     0.220     0.006     0.100     0.136     0.190     0.326
17 04 78 1300               .3          0.001     0.050     0.350     0.005     0.290     0.345     0.300     0.645
24 05 78 1030               .3          0.003     0.010L    0.440     0.004     0.090     0.104     0.430     0.534      70.0       1.0




27 06 78 1130               .3          0.001                                                                          80.0       2.0
01 08 78 1200               .3          0.001                                                                          60.0       1.0
29 08 78 1120               .3          0.001L                                                                         65.0       1.0
26 09 78 1000               .3          0.001                                                                          60.0       4.0
23 10 78 1045               .3          0.001                                                                          70.0       1.0
20 11 78 1120               .3          0.001                                                                          80.0       1.0
18 12 78 1310               .3          0.001                                                                         100.0       1.0

                       MAXIMUM          0.003     0.050     0.440     0.006     0.290     0.345     0.430     0.645     100.0       4.0
           AVG OR GEOM MN (*)           0.002D    0.026D    0.342     0.005     0.124     0.155     0.316     0.471      73.1       1.4
                       MINIMUM          0.001     0.010     0.220     0.004     0.050     0.065     0.190     0.326      60.0       1.0

               NO OF SAMPLES               12         5         5         5         5         5         5         5         8        10

                                           14        16        56        52        55        71       208        76        68       265
SAMP DTE HOUR   STN  STN SAMP  PJ       COND.     TURB.  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL
DY MO YR LMT    DIST BRG DEPTH            25C  FORMAZIN      MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN   ARSENIC
                FEET      MTRS          UMHOS     UNITS                MG/L                          MG/L      MG/L     UNITS      MG/L

17 01 78 1500               .3             75      1.10       1.0
13 02 78 1010               .3             84      1.20       2.0
20 03 78 1220               .3             96      1.00       2.0
17 04 78 1300               .3            102      1.90       4.0
24 05 78 1030               .3             56      0.75       1.0
27 06 78 1130               .3             74      1.30       2.0        49      7.80               0.450      36.0        40    0.004L
01 08 78 1200               .3             96      1.30       2.0        38      7.90                          46.0        50    0.004L
29 08 78 1120               .3            106      1.70       2.0        45      8.00       7.2                52.0        40    0.004L
26 09 78 1000               .3            107      9.70       3.0        42      7.80       7.9     1.100      54.0        50    0.004L
23 10 78 1045               .3            100      1.80       3.0        38      7.80       7.4                46.0        35    0.004L
20 11 78 1120               .3            103      1.50       2.0        41      7.60       7.0     0.580      50.0        30    0.004L
18 12 78 1310               .3             97      1.80       2.0        38      7.50       7.0                42.0        30    0.004L

                       MAXIMUM            107      9.70       4.0        49      8.00       7.9     1.100      54.0        50     0.004
           AVG OR GEOM MN (*)              91      2.09       2.2        42      7.77       7.3     0.710      46.6        39     0.004D
                       MINIMUM             56      0.75       1.0        38      7.50       7.0     0.450      36.0        30     0.004

               NO OF SAMPLES               12        12        12         7         7         5         3         7         7         7

                                          225       229       215       249       201       238       217
SAMP DTE HOUR   STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH         COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
                FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

27 06 78 1130               .3          0.002     0.005L    0.001L    0.016     0.034     0.004     0.001L
01 08 78 1200               .3          0.002     0.005L    0.001L    0.016     0.034     0.004     0.001L
29 08 78 1120               .3          0.002     0.005L    0.001L    0.016     0.034     0.004     0.001L
26 09 78 1000               .3          0.006     0.010L    0.001L    0.001     0.250     0.001L    0.001L
23 10 78 1045               .3          0.006     0.010L    0.001L    0.001     0.250     0.001L    0.001L
20 11 78 1120               .3          0.001     0.010L    0.001L    0.002     0.038     0.001L    0.001L
18 12 78 1310               .3          0.001     0.010L    0.001L    0.002     0.038     0.001L    0.001L

                       MAXIMUM          0.006     0.010     0.001     0.016     0.250     0.004     0.001
           AVG OR GEOM MN (*)           0.003     0.008D    0.001D    0.008     0.097     0.002D    0.001D
                       MINIMUM          0.001     0.005     0.001     0.001     0.034     0.001     0.001

               NO OF SAMPLES                7         7         7         7         7         7         7
```

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                  DATE OF REPORT  25 OCT 79  PAGE    32

                                                                                       STATION ID:  01-0104-002-02
 B.O.W./ SITE: CURRENT RIVER
 SAMPLE POINT: AT HIGHWAYS 11 AND 17 THUNDER BAY                                            STORET CODE: 02
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           001
                                                      MINOR BASIN: LAKE SUPERIOR                         7880
                                                      TERM STREAM: CURRENT RIVER

STN NO:     2    LAT:              LONG:              U T M: 16 0338550.0 5372400.0 4    REGION: 06          MILEAGE:    1.80

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

17 01 78 1445              .3      20009         4                                     0.0      14.5       0.4     0.008     0.003
13 02 78 1015              .3      20027         4        4.        4. L      4.       3.0      12.5       1.8     0.005     0.002
20 03 78 1225              .3      20040         4       32.       12.        4. L     1.0      12.8       1.4     0.009     0.003
17 04 78 1315              .3      20054                176.        8.       32.       0.0      12.9       0.4     0.052     0.001
24 05 78 1025              .3      20078                 48.        4.        4. L    11.0      11.4       0.7     0.010     0.002
27 06 78 1215              .3      20102         6     2000.      176.      600. G    16.5       8.6       0.8     0.013     0.001
01 08 78 1200              .3      20126                152.       12.      180.      12.0       9.9       1.4     0.004     0.001
29 08 78 1110              .3      20150                128.       48.     1100.      15.0       9.4       0.4     0.001L    0.001
26 09 78 1025              .3      20174                108.        4. L     52.       7.5      11.4       0.8     0.003     0.001
24 10 78 1030              .3      20198                 20.        4. L      4. L     3.0      12.3       0.4     0.007     0.001
20 11 78 1140              .3      20212         4       92.        4. L     16.       0.0      13.0       0.4     0.010     0.001
18 12 78 1330              .3      20226         4        4.        8.       12.       0.0      13.6       0.8     0.007     0.001

                      MAXIMUM                        2000.      176.     1100.      16.5      14.5       1.8     0.052     0.003
           AVG OR GEOM MN (*)                          60.*      10.* D    28.* E    5.8      11.9       0.8     0.011D    0.002
                      MINIMUM                           4.        4.        4.       0.0       8.6       0.4     0.001     0.001

                NO OF SAMPLES                           11        11        11        12        12        12        12        12

                                        19        20        21        22        17        18        23         5         6        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N              SOLIDS    SOLIDS       25C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

17 01 78 1445              .3      0.010     0.420     0.005     0.050     0.065     0.410     0.475                 1.0        72
13 02 78 1015              .3      0.050     0.800     0.005     0.070     0.125     0.750     0.875                 1.0        84
20 03 78 1225              .3      0.030     0.510     0.006     0.100     0.136     0.480     0.616                            94
17 04 78 1315              .3      0.030     0.410     0.005     0.300     0.335     0.380     0.715                            98
24 05 78 1025              .3      0.010L    0.320     0.005     0.100     0.115     0.310     0.425      40.0       1.0        52
27 06 78 1215              .3                                                                           80.0       5.0        84
01 08 78 1200              .3                                                                           50.0       1.0        85
29 08 78 1110              .3                                                                           65.0       1.0        98
26 09 78 1025              .3                                                                           70.0       1.0       101
24 10 78 1030              .3                                                                           60.0       1.0        99
20 11 78 1140              .3                                                                           90.0       3.0       101
18 12 78 1330              .3                                                                           65.0       1.0        90

                      MAXIMUM      0.050     0.800     0.006     0.300     0.335     0.750     0.875      90.0       5.0       101
           AVG OR GEOM MN (*)      0.026D    0.492     0.005     0.124     0.155     0.466     0.621      65.0       1.6        88
                      MINIMUM      0.010     0.320     0.005     0.050     0.065     0.310     0.425      40.0       1.0        52

                NO OF SAMPLES          5         5         5         5         5         5         5         8        10        12

                                        16        56        52        55        71       208        76        68       265       225
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN   ARSENIC    COPPER
               FEET      MTRS        UNITS                MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L



17 01 78 1445              .3       1.10       1.0
13 02 78 1015              .3       1.10       2.0
20 03 78 1225              .3       2.30       2.0
17 04 78 1315              .3       1.70       3.0
24 05 78 1025              .3       0.60       1.0
27 06 78 1215              .3       3.20       2.0        35      7.90               0.700      38.0        70    0.004L    0.005
01 08 78 1200              .3       0.65       1.0        34      7.80                          38.0        40    0.004L    0.005
29 08 78 1110              .3       0.68       1.0        41      7.90       7.1                52.0        40    0.004L    0.005
26 09 78 1025              .3       1.20       3.0        39      7.90       7.5     0.390      54.0        90    0.004L    0.001
24 10 78 1030              .3       1.20       2.0        36      7.70       7.7                42.0        35    0.004L    0.001
20 11 78 1140              .3       1.30       3.0        41      7.40       7.0     0.640      48.0         5L   0.004L    0.002
18 12 78 1330              .3       1.10       2.0        35      7.30       6.9                40.0        30    0.004L    0.002

                      MAXIMUM       3.20       3.0        41      7.90       7.7     0.700      54.0        90     0.004     0.005
           AVG OR GEOM MN (*)       1.34       1.9        37      7.70       7.2     0.577      44.6        44D   0.004D    0.003
                      MINIMUM       0.60       1.0        34      7.30       6.9     0.390      38.0         5     0.004     0.001

                NO OF SAMPLES         12        12         7         7         5         3         7         7         7         7

                                       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

27 06 78 1215              .3      0.005L    0.001L    0.001L    0.056     0.002     0.001L
01 08 78 1200              .3      0.005L    0.001L    0.001L    0.056     0.002     0.001L
29 08 78 1110              .3      0.005L    0.001L    0.001L    0.056     0.002     0.001L
26 09 78 1025              .3      0.010L    0.001L    0.001     0.015     0.001L    0.001L
24 10 78 1030              .3      0.010L    0.001L    0.001     0.015     0.001L    0.001L
20 11 78 1140              .3      0.010L    0.001L    0.002     0.032     0.001L    0.001
18 12 78 1330              .3      0.010L    0.001L    0.002     0.032     0.001L    0.001

                      MAXIMUM      0.010     0.001     0.002     0.056     0.002     0.001
           AVG OR GEOM MN (*)      0.008D    0.001D    0.001D    0.037     0.001D    0.001D
                      MINIMUM      0.005     0.001     0.001     0.015     0.001     0.001

                NO OF SAMPLES          7         7         7         7         7         7
```

STATION ID: 01-0105-001-02

B.O.W./ SITE: MC VICAR CREEK
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC VICAR CREEK

STORET CODE: 02
001
7890

STN NO: 1 LAT: LONG: U T M: 16 0336200.0 5367350.0 4 REGION: 06 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1540			.3		20011	4				0.0	13.0	0.4	0.006	0.002
13 02 78 1000			.3		20023	4	36.	4. L	4. L	2.0	13.5	0.2	0.007	0.003
20 03 78 1150			.3		20038	4	390.	28.	40.	2.0	12.4	2.4	0.100	0.008
17 04 78 1245			.3		20052		600.	16.	600. G	1.0	11.4	2.0	0.110	0.004
24 05 78 1100			.3		20076		40.	4.	30.	8.0	12.0	0.7	0.010	0.002
26 06 78 1100			.3		20100	6	3400.	40.	7800.	12.5	11.0	1.0	0.088	0.003
01 08 78 1200			.3		20124		570.	30.	230.	11.0	12.2	2.6	0.004	0.001
29 08 78 1155			.3		20148		3400.	740.	250.	14.5	9.6	0.4	0.002	0.001
26 09 78 1010			.3		20172		2600.	4. L	156.	7.0	11.6	0.8	0.001L	0.001L
24 10 78 1100			.3		20196		200.		32.	3.0	13.3	0.5	0.004	0.001
20 11 78 1245			.3		20210	4	20.	4. L	20.	0.0	14.5	0.2	0.003	0.001
18 12 78 1150			.3		20224	4	100.	4. L	8.	0.0	13.6	0.6	0.007	0.001
MAXIMUM							3400.	740.	7800.	14.5	14.5	2.6	0.110	0.008
AVG OR GEOM MN (*)							307.*	14.* D	81.* E	5.1	12.3	1.0	0.029D	0.002D
MINIMUM							20.	4.	4.	0.0	9.6	0.2	0.001	0.001
NO OF SAMPLES							11	10	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1540			.3		0.010	0.210	0.004	0.340	0.354	0.200	0.554		1.0	278
13 02 78 1000			.3		0.030	0.380	0.006	0.910	0.946	0.350	1.296		2.0	329
20 03 78 1150			.3		0.100	0.900	0.017	0.650	0.767	0.800	1.567			1060
17 04 78 1245			.3		0.120	0.840	0.009	0.510	0.639	0.720	1.359			254
24 05 78 1100			.3		0.010L	0.320	0.004	0.110	0.124	0.310	0.434	140.0	2.0	206
26 06 78 1100			.3									260.0	75.0	194
01 08 78 1200			.3									220.0	1.0	336
29 08 78 1155			.3									260.0	2.0	355
26 09 78 1010			.3									195.0	1.0	315
24 10 78 1100			.3									180.0	1.0	275
20 11 78 1245			.3									180.0	1.0	346
18 12 78 1150			.3									240.0	1.0	353
MAXIMUM					0.120	0.900	0.017	0.910	0.946	0.800	1.567	260.0	75.0	1060
AVG OR GEOM MN (*)					0.054D	0.530	0.008	0.504	0.566	0.476	1.042	209.4	8.7	358
MINIMUM					0.010	0.210	0.004	0.110	0.124	0.200	0.434	140.0	1.0	194
NO OF SAMPLES					5	5	5	5	5	5	5	8	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
17 01 78 1540			.3		2.80	14.0								
13 02 78 1000			.3		3.40	23.0								
20 03 78 1150			.3		32.00	236.0								
17 04 78 1245			.3		17.00	26.0								
24 05 78 1100			.3		1.10	11.0								
26 06 78 1100			.3		17.00	11.0	45	7.90		3.800	88.0	70G	0.004L	0.005
01 08 78 1200			.3		1.70	20.0	123	8.30			152.0	40	0.004L	0.005
29 08 78 1155			.3		2.80	20.0	134	8.40	7.8		164.0	50	0.004L	0.005
26 09 78 1010			.3		1.40	17.0	117	2.30	7.9	0.380	154.0	30	0.004L	0.001L
24 10 78 1100			.3		1.50	17.0	99	8.20	7.9		130.0	30	0.004L	0.001L
20 11 78 1245			.3		2.30	23.0	126	7.90	7.4	0.590	164.0	20	0.004L	0.002
18 12 78 1150			.3		2.40	22.0	122	7.80	7.4		152.0	30	0.004L	0.002
MAXIMUM					32.00	236.0	134	8.40	7.9	3.800	164.0	70	0.004	0.005
AVG OR GEOM MN (*)					7.12	36.7	109	7.26	7.7	1.590	143.4	39U	0.004D	0.003D
MINIMUM					1.10	11.0	45	2.30	7.4	0.380	88.0	20	0.004	0.001
NO OF SAMPLES					12	12	7	7	5	3	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
26 06 78 1100			.3		0.006	0.001L	0.024	0.240	0.005	0.001
01 08 78 1200			.3		0.006	0.001L	0.024	0.240	0.005	0.001
29 08 78 1155			.3		0.006	0.001L	0.024	0.240	0.005	0.001
26 09 78 1010			.3		0.010L	0.001L	0.009	0.028	0.001L	0.001L
24 10 78 1100			.3		0.010L	0.001L	0.009	0.028	0.001L	0.001L
20 11 78 1245			.3		0.010L	0.001L	0.010	0.071	0.001L	0.001
18 12 78 1150			.3		0.010L	0.001L	0.010	0.071	0.001L	0.001
MAXIMUM					0.010	0.001	0.024	0.240	0.005	0.001
AVG OR GEOM MN (*)					0.008D	0.001D	0.016	0.131	0.003D	0.001D
MINIMUM					0.006	0.001	0.009	0.028	0.001	0.001
NO OF SAMPLES					7	7	7	7	7	7

STATION ID: 01-0106-001-02

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: AT HAMMOND AVE THUNDER BAY
STATION TYPE: RIVER   FLOW GAUGE FED 02AB016

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

STN NO: 1   LAT: LONG: U T M: 16 0334850.0 5364000.0 4   REGION: 06   MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
05 01 78 1155			.3		20503	4	11.80	15000E+2G	15000E+1G	15000E+1	3.0	4.0	31.0	1.300
17 01 78 1200			.3		20012		8.90				2.0	3.0	24.0	1.700
08 02 78 1300			.3		20528		5.00	60000E+3	60000E+1	68000E+1	3.0	5.4	50.0	3.600
13 02 78 0940			.3		20025		4.80	37000E+3	11000E+2	15000E+2G	6.0	3.7	35.0	3.100
08 03 78 1300			.3		20545		4.40	78000E+2	10000E+2	21000E+2	5.0	4.9	55.0	2.700
20 03 78 1130			.3		20037	4 0 9	7.10	60000E+2	20000.	36000E+2	4.5	4.3	50.0	2.800
05 04 78 1320			.3		20562		10.40	52000E+2	20000E+1	61000E+1			15.0	0.650
17 04 78 1230			.3		20051		53.30	11000E+2	71000.	29000E+1	4.0	10.0	12.0	0.810
03 05 78 1125			.3		20579		236.00	53000E+1	11000.	1200.	1.5	12.4	2.8	0.200
24 05 78 1120			.3		20075		57.60	1600.	20.	1000. L	10.0	10.2	1.6	0.028
27 06 78 1030			.3		20099	6 0	360.00	15000.	2300.	1500. G	14.0	9.2	3.8	0.130
01 08 78 1200			.3		20123		8.50	3700.	40.	500.	13.0	4.2	3.8	0.095
29 08 78 1310			.3		20147	6	6.70	1000.	270.	430.	16.0	5.5	1.0	0.042
25 09 78 0945			.3		20171		11.30	3000.	4. L	270.	10.0	7.6	1.0	0.029
24 10 78 1115			.3		20195		12.40	300.	10. L	172.	4.0	10.1	0.8	0.032
20 11 78 1315			.3		20209	4	5.70	80.	120.	120.	0.0	10.5	0.6	0.065
18 12 78 1130			.3		20223	4	5.10	90.	160.	4. L	0.0	14.6	1.6	0.018
MAXIMUM							360.00	60000E+3	11000E+2	36000E+2	16.0	14.6	55.0	3.600
AVG OR GEOM MN (*)							47.59	69130.* U	3195.* E	8972.* E	6.0	7.5	17.0	1.018
MINIMUM							4.40	80.	4.	4.	0.0	3.0	0.6	0.018
NO OF SAMPLES							17	16	16	16	16	16	17	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERLD NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
05 01 78 1155			.3		0.730	7.400	7.300	0.038	0.070	7.508	0.100	7.408		10.0
17 01 78 1200			.3		0.650	7.100	11.000	0.023	0.010	7.133	3.900	11.033		20.0
08 02 78 1300			.3		1.700	10.000	18.000	0.025	0.230	10.255	8.000	18.255		45.0
13 02 78 0940			.3		1.900	11.000	11.000	0.014	0.030	11.044	0.000	11 044		35.0
08 03 78 1300			.3		1.500	8.500	12.000	0.006	0.020	8.526	3.500	12.026		45.0
20 03 78 1130			.3		1.900	11.000	15.000	0.012	0.020	11.032	4.000	15.032		
05 04 78 1320			.3		0.230	2.400	5.000	0.042	0.330	2.772	2.600	5.372		35.0
17 04 78 1230			.3		0.390	3.900	4.100	0.040	0.350	4.290	0.200	4.490		
03 05 78 1125			.3		0.065	0.500		0.010	0.260	0.770				10.0
24 05 78 1120			.3		0.003	0.010	0.430	0.007	0.040	0.057	0.420	0.477	150.0	5.0
27 06 78 1030			.3		0.006	0.030	0.800	0.009	0.150	0.189	0.770	0.959	270.0	90.0
01 08 78 1200			.3		0.015	0.130	0.730	0.006	0.070	0.206	0.600	0.806	120.0	10.0
29 08 78 1310			.3		0.010	0.140	0.560	0.006	0.070	0.216	0.420	0.636	160.0	10.0
25 09 78 0945			.3		0.008	0.090	0.580	0.005	0.020	0.115	0.490	0.605	160.0	6.0
24 10 78 1115			.3		0.003	0.010L	0.550	0.005	0.040	0.055	0.540	0.595	160.0	5.0
20 11 78 1315			.3		0.005	0.180	0.600	0.009	0.150	0.339	0.420	0.759	190.0	45.0
18 12 78 1130			.3		0.003	0.090	0.640	0.005	0.270	0.365	0.550	0.915	190.0	5.0
MAXIMUM					1.900	11.000	18.000	0.042	0.350	11.044	8.000	18.255	270.0	90.0
AVG OR GEOM MN (*)					0.536	3.675D	5.518	0.015	0.125	3.816	1.657	5.651	175.0	25.1
MINIMUM					0.003	0.010	0.430	0.005	0.010	0.055	0.000	0.477	120.0	5.0
NO OF SAMPLES					17	17	16	17	17	17	16	16	8	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
05 01 78 1155			.3		235	362	32.00	27.0	23.0	6.10		7.00		2.400
17 01 78 1200			.3			345	19.00	24.0						
08 02 78 1300			.3		268	412	42.00	33.0	25.0	5.60		7.20		2.000
13 02 78 0940			.3			454	28.00	42.0						
08 03 78 1300			.3		310	477	36.00	55.0	23.0	5.30		7.20		2.500
20 03 78 1130			.3			540	30.00	66.0						
05 04 78 1320			.3		267	410	34.00	63.0	17.0	3.80		7.40		5.000
17 04 78 1230			.3			320	15.00	28.0						
03 05 78 1125			.3			142	8.70	8.0	7.7	4.60		6.90		1.400
24 05 78 1120			.3			174	3.40	11.0						
27 06 78 1030			.3			198	28.00	16.0			63	7.40		5.900
01 08 78 1200			.3			245	6.20	18.0			83	7.20		
29 08 78 1310			.3			231	6.80	15.0			84	7.50	7.0	
25 09 78 0945			.3			239	5.60	14.0			90	7.50	7.8	0.900
24 10 78 1115			.3			236	6.90	15.0			86	8.00	7.9	
20 11 78 1315			.3			247	20.00	18.0			89	7.40	7.0	5.400
18 12 78 1130			.3			258	5.50	14.0			96	7.50	7.0	
MAXIMUM					310	540	42.00	66.0	25.0	6.10	96	8.00	7.9	5.900
AVG OR GEOM MN (*)					270	311	19.24	27.5	19.1	5.08	84	7.35	7.3	3.188
MINIMUM					235	142	3.40	8.0	7.7	3.80	63	6.90	7.0	0.900
NO OF SAMPLES					4	17	17	17	5	5	7	12	5	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
05 01 78 1155			.3		6.0				80					
17 01 78 1200			.3						80					
08 02 78 1300			.3		25.0			98.0	140		0.020	0.240	0.040L	0.060
13 02 78 0940			.3					98.0	140		0.020	0.240	0.040L	0.060
08 03 78 1300			.3		5.0			60.0	165	4				
20 03 78 1130			.3					60.0	165	4				
05 04 78 1320			.3		3.0			102.0	50					
17 04 78 1230			.3					102.0	50					
03 05 78 1125			.3		1.0				30	1	0.010L	0.050L	0.020L	0.040
24 05 78 1120			.3						30	1	0.010L	0.050L	0.020L	0.040
27 06 78 1030			.3			86.0	70G				0.004L			0.013
01 08 78 1200			.3			102.0	70G				0.004L			0.013
29 08 78 1310			.3			102.0	70				0.004L			0.013
25 09 78 0945			.3			108.0	70				0.004L			0.001
24 10 78 1115			.3			108.0	70G				0.004L			0.001
20 11 78 1315			.3			108.0	70G				0.004L			0.005
18 12 78 1130			.3			110.0	40				0.004L			0.005

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
MAXIMUM					25.0	110.0	70	102.0	165	4	0.020	0.240	0.040	0.060
AVG OR GEOM MN (*)					8.0	103.4	66U	86.7	93	3	0.008D	0.145D	0.030D	0.023
MINIMUM					1.0	86.0	40	60.0	30	1	0.004	0.050	0.020	0.001
NO OF SAMPLES					5	7	7	6	10	4	11	4	4	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
08 02 78 1300			.3		0.021	0.002	0.062		0.002		
13 02 78 0940			.3		0.021	0.002	0.062		0.002		
03 05 78 1125			.3		0.105	0.001L	0.014		0.001		
24 05 78 1120			.3		0.105	0.001L	0.014		0.001		
27 06 78 1030			.3		0.008	0.001L	0.038	0.240	0.006	0.01L	0.001L
01 08 78 1200			.3		0.008	0.001L	0.038	0.240	0.006	0.01L	0.001L
29 08 78 1310			.3		0.008	0.001L	0.038	0.240	0.006	0.01L	0.001L
25 09 78 0945			.3		0.010L	0.001L	0.005	0.049	0.001L		0.001L
24 10 78 1115			.3		0.010L	0.001L	0.005	0.049	0.001L		0.001L
20 11 78 1315			.3		0.010L	0.001L	0.015	0.140	0.001	0.01L	0.002
18 12 78 1130			.3		0.010L	0.001L	0.015	0.140	0.001	0.01L	0.002
MAXIMUM					0.105	0.002	0.062	0.240	0.006	0.01	0.002
AVG OR GEOM MN (*)					0.029D	0.001D	0.028	0.157	0.003D	0.01D	0.001D
MINIMUM					0.008	0.001	0.005	0.049	0.001	0.01	0.001
NO OF SAMPLES					11	11	11	7	11	5	7

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0106-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

STN NO: 2 LAT: LONG: U T M: 16 0333600.0 5362975.0 4 REGION: 06 MILEAGE: 1.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1425			.3		20008	4				0.0	14.0	3.4	0.014	0.003
13 02 78 1055			.3		20028	4	148.	4. L	4. L	3.0	13.0	0.4	0.003	0.003
20 03 78 1250			.3		20041	4	268.	4. L	4.	1.0	12.5	0.2	0.009	0.004
17 04 78 1345			.3		20055		1900.	320.	352.	0.0	11.4	1.2	0.066	0.018
24 05 78 1010			.3		20079		212.	16.	12.	9.0	11.7	0.8	0.008	0.002
27 06 78 1230			.3		20103	6	6300.	230.	1500. G	13.5	9.2	1.0	0.061	0.003
01 08 78 1200			.3		20127		400.	110.	70.	11.0	10.0	1.0	0.006	0.002
29 08 78 1045			.3		20151		250.	10.	150.	14.0	9.3	0.6	0.003	0.001
26 09 78 1040			.3		20175		420.	4. L	96.	7.0	11.5	0.6	0.007	0.001
24 10 78 0940			.3		20199		130.		28.	2.0	12.8	0.4	0.009	0.002
20 11 78 1030			.3		20213	4	20.	4. L	4.	0.0	13.5	0.2	0.005	0.002
18 12 78 1340			.3		20227	4	52.	4. L	4. L	0.0	13.3	0.4	0.012	0.002
MAXIMUM							6300.	320.	1500.	14.0	14.0	3.4	0.066	0.018
AVG OR GEOM MN (*)							271.*	16.* D	33.* E	5.0	11.9	0.9	0.017	0.004
MINIMUM							20.	4.	4.	0.0	9.2	0.2	0.003	0.001
NO OF SAMPLES							11	10	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1425			.3		0.030	0.700	0.004	0.120	0.154	0.670	0.824		2.0	186
13 02 78 1055			.3		0.020	0.170	0.004	0.160	0.184	0.150	0.334		1.0	194
20 03 78 1250			.3		0.020	0.220	0.005	0.170	0.195	0.200	0.395			196
17 04 78 1345			.3		0.180	0.570	0.006	0.390	0.576	0.300	0.966			190
24 05 78 1010			.3		0.010L	0.320	0.005	0.040	0.055	0.310	0.365	110.0	2.0	131
27 06 78 1230			.3		0.010L	0.850	0.005	0.120	0.135	0.840	0.975	220.0	55.0	146
01 08 78 1200			.3		0.010L	0.420	0.003	0.060	0.073	0.410	0.483	110.0	1.0	185
29 08 78 1045			.3		0.010L	0.350	0.003	0.050	0.063	0.340	0.403	130.0	1.0	208
26 09 78 1040			.3		0.010L	0.420	0.003	0.010	0.023	0.410	0.433	130.0	1.0	188
24 10 78 0940			.3		0.010L	0.380	0.003	0.050	0.063	0.370	0.433	120.0	1.0	185
20 11 78 1030			.3		0.010L	0.350	0.003	0.190	0.203	0.340	0.543	150.0	1.0	209
18 12 78 1340			.3		0.020	0.280	0.002	0.270	0.292	0.260	0.552	140.0	1.0	206
MAXIMUM					0.180	0.850	0.006	0.390	0.576	0.840	0.975	220.0	55.0	209
AVG OR GEOM MN (*)					0.028D	0.419	0.004	0.136	0.168	0.391	0.559	138.8	6.6	185
MINIMUM					0.010	0.170	0.002	0.010	0.023	0.150	0.334	110.0	1.0	131
NO OF SAMPLES					12	12	12	12	12	12	12	8	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
17 01 78 1425			.3		3.00	7.0								
13 02 78 1055			.3		2.50	5.0								
20 03 78 1250			.3		2.30	6.0								
17 04 78 1345			.3		7.50	13.0								
24 05 78 1010			.3		1.80	5.0								
27 06 78 1230			.3		12.00	8.0	55	7.70		2.600	66.0	70G	0.004L	0.005
01 08 78 1200			.3		1.80	6.0	79	8.10			84.0	70	0.004L	0.005
29 08 78 1045			.3		1.90	6.0	91	8.00	7.3		106.0	70	0.004L	0.005
26 09 78 1040			.3		2.30	6.0	79	2.00	7.7	0.400	90.0	50	0.004L	0.003
24 10 78 0940			.3		2.80	8.0	74	8.00	7.0		88.0	65	0.004L	0.003
20 11 78 1030			.3		2.30	8.0	91	7.70	7.2	0.570	104.0	30	0.004	0.003
18 12 78 1340			.3		4.20	6.0	88	7.60			92.0	30	0.004	0.003
MAXIMUM					12.00	13.0	91	8.10	7.7	2.600	106.0	70	0.004	0.005
AVG OR GEOM MN (*)					3.70	7.0	80	7.01	7.3	1.190	90.0	55U	0.004D	0.004
MINIMUM					1.80	5.0	55	2.00	7.0	0.400	66.0	30	0.004	0.003
NO OF SAMPLES					12	12	7	7	4	3	7	7	7	7

(CONTD)

STATION ID: 01-0106-002-02

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

STN NO: 2 LAT: LONG: U T M: 16 0333600.0 5362975.0 4 REGION: 06 MILEAGE: 1.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
27 06 78	1230			.3		0.005L	0.001L	0.014	0.160	0.003	0.01L	0.001L
01 08 78	1200			.3		0.005L	0.001L	0.014	0.160	0.003	0.01L	0.001L
29 08 78	1045			.3		0.005L	0.001L	0.014	0.160	0.003	0.01L	0.001L
26 09 78	1040			.3		0.010L	0.001L	0.001L	0.009	0.001L		0.001L
24 10 78	0940			.3		0.010L	0.001L	0.001L	0.009	0.001L		0.001L
20 11 78	1030			.3		0.010L	0.001L	0.001	0.016	0.001L	0.01L	0.001
18 12 78	1340			.3		0.010L	0.001L	0.001	0.016	0.001L	0.01L	0.001
MAXIMUM						0.010	0.001	0.014	0.160	0.003	0.01	0.001
AVG OR GEOM MN (*)						0.008D	0.001D	0.007D	0.076	0.002D	0.01D	0.001D
MINIMUM						0.005	0.001	0.001	0.009	0.001	0.01	0.001
NO OF SAMPLES						7	7	7	7	7	5	7

STATION ID: 01-0107-001-02

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: AT 110TH AVE THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB008

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02
001
7910

STN NO: 1 LAT: LONG: U T M: 16 0333875.0 5363125.0 4 REGION: 06 MILEAGE: 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78	1600			.3		20013	4	10.50				0.0	13.5	4.2	0.028
13 02 78	0915			.3		20024	4	5.30	2800.	60.	172.	1.5	9.5	5.0	0.004
20 03 78	1115			.3		20036	4	4.00	1400.	72.	44.	1.0	8.6	3.2	0.035
19 04 78	0900			.3		20050		358.00	1200.	32.	312.	0.0	10.6	3.8	0.106
08 05 78	1130			.3		20594	6	168.00	300.	4. L	28.	7.0	13.2	0.9	0.058
24 05 78	1130			.3		20074		74.00	790.	120.	116.	13.0	8.0	1.3	0.027
27 06 78	1015			.3		20098	6	212.00	69000.	40.	1500. G	16.0	8.0	2.0	0.067
01 08 78	1200			.3		20122		10.30	1000.	80.	50.	13.5	6.3	2.6	0.033
29 08 78	1325			.3		20146	6	5.40	1000.	200.	230.	16.0	7.2	1.4	0.031
26 09 78	0930			.3		20170		3.20	230.	4. L	92.	10.0	9.0	1.0	0.049
24 10 78	1125			.3		20194		5.90	920.	10. L	24.	4.5	9.4	0.8	0.023
20 11 78	1340			.3		20208		6.00	2300.	132.	232.	0.0	10.5	1.4	0.031
18 12 78	1115			.3		20222	4	3.30	1400.	160.	44.	0.0	11.5	1.4	0.034
MAXIMUM								358.00	69000.	200.	1500.	16.0	13.5	5.0	0.106
AVG OR GEOM MN (*)								66.61	1391.*	43.* D	110.* U	6.3	9.6	2.2	0.040
MINIMUM								3.20	230.	4.	24.	0.0	6.3	0.8	0.004
NO OF SAMPLES								13	12	12	12	13	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	1600			.3		0.005	0.030	1.200	0.006	0.180	0.216	1.170	1.386		4.0
13 02 78	0915			.3		0.005	0.370	2.000	0.007	0.380	0.757	1.630	2.387		5.0
20 03 78	1115			.3		0.005	0.230	0.900	0.008	0.320	0.558	0.670	1.228		
19 04 78	0900			.3		0.017	0.370	1.700	0.007	0.250	0.627	1.330	1.957		50.0
08 05 78	1130			.3		0.008	0.010	0.480	0.008	0.110	0.128	0.470	0.598		45.0
24 05 78	1130			.3		0.002	0.040	0.620	0.006	0.060	0.106	0.580	0.686	170.0	5.0
27 06 78	1015			.3		0.008	0.060	0.690	0.010	0.160	0.230	0.630	0.860	200.0	25.0
01 08 78	1200			.3		0.002	0.050	0.650	0.011	0.100	0.161	0.600	0.761	210.0	5.0
29 08 78	1325			.3		0.001	0.050	0.560	0.007	0.130	0.187	0.510	0.697	250.0	15.0
26 09 78	0930			.3		0.017	0.060	0.520	0.012	0.100	0.172	0.460	0.632	220.0	3.0
24 10 78	1125			.3		0.004	0.060	0.500	0.009	0.130	0.199	0.440	0.639	210.0	5.0
20 11 78	1340			.3		0.005	0.170	0.630	0.007	0.240	0.417	0.460	0.877	230.0	10.0
18 12 78	1115			.3		0.004	0.330	0.890	0.006	0.320	0.656	0.560	1.216	290.0	10.0
MAXIMUM						0.017	0.370	2.000	0.012	0.380	0.757	1.630	2.387	290.0	50.0
AVG OR GEOM MN (*)						0.006	0.141	0.872	0.008	0.191	0.340	0.732	1.071	222.5	15.2
MINIMUM						0.001	0.010	0.480	0.006	0.060	0.106	0.440	0.598	170.0	3.0
NO OF SAMPLES						13	13	13	13	13	13	13	13	8	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
17 01 78	1600			.3		333	10.00	19.0							
13 02 78	0915			.3		393	15.00	26.0							
20 03 78	1115			.3		540	18.00	70.0							
19 04 78	0900			.3		134	25.00	6.0							
08 05 78	1130			.3		61	31.00	2.0	6.6	3.30		6.80		3.000	
24 05 78	1130			.3		227	5.30	9.0							
27 06 78	1015			.3		192	14.00	10.0			75	7.40		2.600	86.0
01 08 78	1200			.3		327	5.10	19.0			127	7.60			150.0
29 08 78	1325			.3		356	8.40	23.0			130	7.70	7.2		160.0
26 09 78	0930			.3		343	3.80	40.0			137	7.70	8.0	0.500	164.0
24 10 78	1125			.3		340	10.00	20.0			131	7.60	7.1		158.0
20 11 78	1340			.3		351	16.00	26.0			138	7.50		2.400	162.0
18 12 78	1115			.3		449	19.00	26.0			166	7.30	7.1		188.0
MAXIMUM						540	31.00	70.0	6.6	3.30	166	7.70	8.0	3.000	188.0
AVG OR GEOM MN (*)						311	13.89	22.8	6.6	3.30	129	7.45	7.4	2.125	152.6
MINIMUM						61	3.80	2.0	6.6	3.30	75	6.80	7.1	0.500	86.0
NO OF SAMPLES						13	13	13	1	1	7	8	4	4	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	41 COD MG/L	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN
08 05 78 1130			.3			25								
24 05 78 1130			.3			25								
27 06 78 1015			.3		70G		0.004L	0.007	0.013	0.001L	0.027	0.140	0.005	0.01L
01 08 78 1200			.3		70G		0.004L	0.007	0.013	0.001L	0.027	0.140	0.005	0.01L
29 08 78 1325			.3		70		0.004L	0.007	0.013	0.001L	0.027	0.140	0.005	0.01L
26 09 78 0930			.3		40		0.004L	0.007	0.010L	0.001L	0.003	0.150	0.001L	
24 10 78 1125			.3		70		0.004L	0.007	0.010L	0.001L	0.003	0.150	0.001L	
20 11 78 1340			.3		70G		0.004L	0.001	0.010L	0.001L	0.010	0.230	0.001L	0.01L
18 12 78 1115			.3		70G		0.004L	0.001	0.010L	0.001L	0.010	0.230	0.001L	0.01L
MAXIMUM					70	25	0.004	0.007	0.013	0.001	0.027	0.230	0.005	0.01
AVG OR GEOM MN (*)					66U	25	0.004D	0.005	0.011D	0.001D	0.015	0.169	0.003D	0.01D
MINIMUM					40	25	0.004	0.001	0.010	0.001	0.003	0.140	0.001	0.01
NO OF SAMPLES					7	2	7	7	7	7	7	7	7	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
27 06 78 1015			.3		0.001
01 08 78 1200			.3		0.001
29 08 78 1325			.3		0.001
26 09 78 0930			.3		0.001L
24 10 78 1125			.3		0.001L
20 11 78 1340			.3		0.001L
18 12 78 1115			.3		0.001L
MAXIMUM					0.001
AVG OR GEOM MN (*)					0.001D
MINIMUM					0.001
NO OF SAMPLES					7

B.O.W./ SITE: NEEBING RIVER
STATION ID: 01-0107-002-02
SAMPLE POINT: AT HIGHWAYS 11 AND 17 WEST OF MAPLEWARD SIDE ROAD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER
STORET CODE: 02
001
7910

STN NO: 2 LAT: LONG: U T M: 16 0325400.0 5361200.0 4 REGION: 06 MILEAGE: 8.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1350			.3		20007	4				0.0	14.5	2.6	0.038	0.003
20 03 78 1305			.3		20042	4	4.	4. L	4. L	0.0	12.2	0.2	0.006	0.002
17 04 78 1400			.3		20056		1300.	268.		0.0	12.4	3.0	0.170	0.020
23 05 78 0945			.3		20080		244.	4.	4.	9.0	10.6	1.1	0.011	0.001
27 06 78 1255			.3		20104	6	2400.	156.	340.	15.5	9.2	0.8	0.098	0.004
01 08 78 1200			.3		20128		380.	24.	196.	11.0	9.1	1.6	0.005	0.001
29 08 78 1110			.3		20152	6	1400.	100.	92.	14.0	8.6	0.6	0.007	0.001
26 09 78 1100			.3		20176		310.	4. L	84.	10.0	10.2	0.8	0.004	0.001L
24 10 78 0915			.3		20200		20.		60.	2.0	12.8	0.5	0.010	0.001
20 11 78 1405			.3		20214	4	120.	4. L	12.	0.0	6.3	0.2	0.001L	0.001
18 12 78 1405			.3		20228	4	8.	4. L	8.	0.0	12.4	0.6	0.006	0.001
MAXIMUM							2400.	268.	340.	15.5	14.5	3.0	0.170	0.020
AVG OR GEOM MN (*)							158.*	17.* D	33.* D	5.6	10.8	1.1	0.032D	0.003D
MINIMUM							4.	4.	4.	0.0	6.3	0.2	0.001	0.001
NO OF SAMPLES							10	9	9	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1350			.3		0.070	0.960	0.004	0.170	0.244	0.890	1.134		50.0	261
20 03 78 1305			.3		0.030	0.270	0.004	0.260	0.294	0.240	0.534			295
17 04 78 1400			.3		0.690	1.600	0.008	0.370	1.068	0.910	1.978			178
23 05 78 0945			.3		0.010L	0.450	0.005	0.050	0.065	0.440	0.505	150.0	5.0	201
27 06 78 1255			.3		0.010	0.830	0.006	0.110	0.126	0.820	0.946	320.0	120.0	205
01 08 78 1200			.3		0.010	0.490	0.003	0.080	0.093	0.480	0.573	170.0	5.0	263
29 08 78 1110			.3		0.010L	0.430	0.003	0.090	0.103	0.420	0.523	220.0	5.0	294
26 09 78 1100			.3		0.010	0.400	0.002	0.010	0.022	0.390	0.412	185.0	1.0	285
24 10 78 0915			.3		0.010L	0.370	0.003	0.060	0.073	0.360	0.433	110.0	1.0	261
20 11 78 1405			.3		0.010	0.360	0.002	0.130	0.142	0.350	0.492	180.0	1.0	284
18 12 78 1405			.3		0.020	0.350	0.002	0.260	0.282	0.330	0.612	230.0	2.0	311
MAXIMUM					0.690	1.600	0.008	0.370	1.068	0.910	1.978	320.0	120.0	311
AVG OR GEOM MN (*)					0.080D	0.592	0.004	0.145	0.228	0.512	0.740	195.6	21.1	258
MINIMUM					0.010	0.270	0.002	0.010	0.022	0.240	0.412	110.0	1.0	178
NO OF SAMPLES					11	11	11	11	11	11	11	8	9	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
17 01 78 1350			.3		5.80	11.0								
20 03 78 1305			.3		5.30	15.0								
17 04 78 1400			.3		32.00	8.0								
23 05 78 0945			.3		3.60	8.0								
27 06 78 1255			.3		23.00	8.0	90	7.80		5.500	102.0	70G	0.004L	0.009
01 08 78 1200			.3		3.40	9.0	115	8.00			132.0	60	0.004L	0.009
29 08 78 1110			.3		5.80	11.0	128	8.00	7.2		148.0	70	0.004L	0.009
26 09 78 1100			.3		3.80	9.0	126	7.90	7.6	0.470	138.0	40	0.004L	0.001L
24 10 78 0915			.3		3.60	11.0	112	7.90	7.0		128.0	35	0.004L	0.001L
20 11 78 1405			.3		4.00	13.0	132	7.80	7.7	0.680	146.0	30	0.004L	0.001
18 12 78 1405			.3		7.30	13.0	133	7.60	7.3		142.0	30	0.004L	0.001
MAXIMUM					32.00	15.0	133	8.00	7.7	5.500	148.0	70	0.004	0.009
AVG OR GEOM MN (*)					8.87	10.5	119	7.86	7.4	2.217	133.7	48U	0.004D	0.004D
MINIMUM					3.40	8.0	90	7.60	7.0	0.470	102.0	30	0.004	0.001
NO OF SAMPLES					11	11	7	7	5	3	7	7	7	7

(CONTD)

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17 WEST OF MAPLEWARD SIDE ROAD
STATION TYPE: RIVER

STATION ID: 01-0107-002-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER
STORET CODE: 02
001
7910

STN NO: 2 LAT: LONG: U T M: 16 0325400.0 5361200.0 4 REGION: 06 MILEAGE: 8.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
27 06 78 1255			.3		0.005L	0.001L	0.011	0.190	0.005	0.01L	0.001
01 08 78 1200			.3		0.005L	0.001L	0.011	0.190	0.005	0.01L	0.001
29 08 78 1110			.3		0.005L	0.001L	0.011	0.190	0.005	0.01L	0.001
26 09 78 1100			.3		0.010L	0.001L	0.001	0.026	0.001L		0.001L
24 10 78 0915			.3		0.010L	0.001L	0.001	0.026	0.001L		0.001L
20 11 78 1405			.3		0.010L	0.001L	0.001L	0.043	0.001L	0.01L	0.001L
18 12 78 1405			.3		0.010L	0.001L	0.001L	0.043	0.001L	0.01L	0.001L
MAXIMUM					0.010	0.001	0.011	0.190	0.005	0.01	0.001
AVG OR GEOM MN (*)					0.008D	0.001D	0.005D	0.101	0.003D	0.01D	0.001D
MINIMUM					0.005	0.001	0.001	0.026	0.001	0.01	0.001
NO OF SAMPLES					7	7	7	7	7	5	7

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER
STORET CODE: 02
001
7920

STN NO: 1 LAT: LONG: U T M: 16 0330550.0 5358500.0 4 REGION: 06 MILEAGE: 4.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
05 01 78 1120			.3		20502	4	2600.00	4500.	600. G	408.	0.0	12.0	13.0	0.016
17 01 78 1120			.3		20005	4	2520.00				0.0	14.5	14.0	0.041
08 02 78 1230			.3		20527		2480.00	61000E+1	52.	36.	0.5	12.7	12.0	0.025
13 02 78 1315			.3		20019	4	2350.00	19000E+1	490.	440.	3.0	12.5	9.0	0.021
08 03 78 1100			.3		20544		2320.00	10000E+1	4200.	750.	1.0	12.6	9.5	0.026
20 03 78 0940			.3		20033	4	2310.00	24000E+1	460.	68.	3.0	8.6	12.0	0.026
05 04 78 1100			.3		20561		1390.00	22000E+1	56.	136.			14.0	0.030
18 04 78 1305			.3		20047		1630.00	7800.	90.	600. G	0.0	13.0	10.0	0.210
03 05 78 1025			.3		20578		2220.00	20000.	10. L	24.	3.5	12.0	7.2	0.072
22 05 78 1420			.3		20065		1290.00	33000E+1	12.	30.	17.0	7.9	16.0	0.047
25 06 78 1215			.3		20089	6 0 9	2490.00	6000.	52.	10. L	18.0	8.1	6.2	0.039
31 07 78 1205			.3		20113		2190.00	15000. G	24.	44.	16.5	7.5	6.4	0.029
30 08 78 1310			.3		20137		1380.00	86000.	70000.	20.	18.5	4.2	19.0	0.061
30 09 78 1345			.3		20161		1490.00	1000. L	4. L	212.	11.0	8.6	1.0	0.009
28 10 78 1350			.3		20185		840.00	15000. G	236.	270.	8.0	9.4	30.0	0.066
21 11 78 1120			.3		20205	0 6	1830.00	8500.	4. L	5300.	2.0	12.8	14.0	0.036
19 12 78 1000			.3		20219	6 4 0	1960.00	15000.	300.	56.	0.0	13.0	14.0	0.029
MAXIMUM							2600.00	61000E+1	70000.	5300.	18.5	14.5	30.0	0.210
AVG OR GEOM MN (*)							1958.24	33124.* E	120.* E	123.* E	6.4	10.6	12.2	0.046
MINIMUM							840.00	1000.	4.	10.	0.0	4.2	1.0	0.009
NO OF SAMPLES							17	16	16	16	16	16	17	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
05 01 78 1120			.3		0.017	0.070	0.410	0.008	0.010	0.088	0.340	0.428		4.0
17 01 78 1120			.3		0.011	0.040	0.800	0.009	0.010L	0.059	0.760	0.819		3.0
08 02 78 1230			.3		0.015	0.060	0.580	0.008	0.010	0.078	0.520	0.598		3.0
13 02 78 1315			.3		0.007	0.02	0.38	0.010	0.01	0.040	0.360	0.400		3.
08 03 78 1100			.3		0.006	0.040	0.580	0.010	0.020	0.070	0.540	0.610		3.0
20 03 78 0940			.3		0.006	0.030	0.480	0.009	0.020	0.059	0.450	0.509		
05 04 78 1100			.3		0.018	0.080	0.440	0.006	0.190	0.276	0.360	0.636		5.0
18 04 78 1305			.3		0.024	0.020	1.600	0.013	0.170	0.203	1.580	1.783		
03 05 78 1025			.3		0.007	0.010L	1.000	0.010	0.150	0.170	0.990	1.160		25.0
22 05 78 1420			.3		0.006	0.010	0.560	0.007	0.010L	0.027	0.550	0.577	200.0	15.0
25 06 78 1215			.3		0.004	0.010L	0.470	0.004	0.010L	0.024	0.460	0.484	190.0	10.0
31 07 78 1205			.3		0.007	0.010L	0.500	0.005	0.010L	0.025	0.490	0.515	140.0	15.0
30 08 78 1310			.3		0.006		0.530	0.006	0.010			0.546	210.0	10.0
30 09 78 1345			.3		0.002	0.010L	0.320	0.004	0.040	0.054	0.310	0.364	85.0	6.0
28 10 78 1350			.3		0.008	0.010L	0.550	0.009	0.010	0.029	0.540	0.569	260.0	10.0
21 11 78 1120			.3		0.006	0.010	0.590	0.011	0.014	0.035	0.580	0.615	180.0	5.0
19 12 78 1000			.3		0.019								150.0	5.0
MAXIMUM					0.024	0.080	1.600	0.013	0.190	0.276	1.580	1.783	260.0	25.0
AVG OR GEOM MN (*)					0.010	0.029D	0.612	0.008	0.043D	0.082	0.589	0.663	176.9	8.1
MINIMUM					0.002	0.010	0.320	0.004	0.010	0.024	0.310	0.364	85.0	3.0
NO OF SAMPLES					17	15	16	16	16	15	15	16	8	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/-	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
05 01 78 1120			.3		91	140	5.10	9.0	13.0	3.70		6.80		0.600
17 01 78 1120			.3			168	5.20	16.0						
08 02 78 1230			.3		96	148	4.30	11.0	14.0	3.70		7.20		0.290
13 02 78 1315			.3			150	3.3	12.						
08 03 78 1100			.3		80	123	2.60	8.0	7.5	3.50		7.10		0.500
20 03 78 0940			.3			141	3.20	10.0						
05 04 78 1100			.3		130	200	6.50	18.0	19.0	4.00		7.80		0.800
18 04 78 1305			.3			175	68.00	11.0						
03 05 78 1025			.3			118	25.00	7.0	8.0	3.60		6.80		4.000
22 05 78 1420			.3			181	11.00				22	6.90		
25 06 78 1215			.3			180	5.70	18.0			34	7.30		
31 07 78 1205			.3			139	6.60	10.0			43	7.20	6.4	
30 08 78 1310			.3			239	6.20	21.0			34	8.30	8.2	
30 09 78 1345			.3			92	5.10	2.0			42	6.90	7.0	
28 10 78 1350			.3			274	7.40	32.0			33	7.00	6.6	
21 11 78 1120			.3			174	5.70	18.0			36	7.20	6.6	
19 12 78 1000			.3			152	4.50	13.0						

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L
MAXIMUM					130	274	68.00	32.0	19.0	4.00	43	8.30	8.2	4.000
AVG OR GEOM MN (*)					99	164	10.32	13.5	12.3	3.70	35	7.21	7.0	1.238
MINIMUM					80	92	2.60	2.0	7.5	3.50	22	6.80	6.4	0.290
NO OF SAMPLES					4	17	17	16	5	5	7	12	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
05 01 78 1120			.3		8.0			33.0	80					
17 01 78 1120			.3					33.0	80					
08 02 78 1230			.3		7.0			37.0	70		0.010	0.070	0.020L	0.006
13 02 78 1315			.3					37.0	70		0.010	0.070	0.020L	0.006
08 03 78 1100			.3		8.0			30.0	85	2				
20 03 78 0940			.3					30.0	85	2				
05 04 78 1100			.3		13.0			29.4	70					
18 04 78 1305			.3					29.4	70					
03 05 78 1025			.3		4.0				55	1	0.010	0.050L	0.020L	0.003
22 05 78 1420			.3						55	1	0.010	0.050L	0.020L	0.003
25 06 78 1215			.3			42.0	70G		55	1	0.010	0.050L	0.020L	0.003
31 07 78 1205			.3			42.0	70G		55	1	0.010	0.050L	0.020L	0.003
30 08 78 1310			.3			58.0	70G		55	1	0.010	0.050L	0.020L	0.003
30 09 78 1345			.3			40.0	60		55	1	0.010	0.050L	0.020L	0.003
28 10 78 1350			.3			60.0	70G		55	1	0.010	0.050L	0.020L	0.003
21 11 78 1120			.3			50.0	70G							
19 12 78 1000			.3			42.0	70G							
MAXIMUM					13.0	60.0	70	37.0	85	2	0.010	0.070	0.020	0.006
AVG OR GEOM MN (*)					8.0	47.7	69U	32.4	66	1	0.010	0.054D	0.020D	0.004
MINIMUM					4.0	40.0	60	29.4	55	1	0.010	0.050	0.020	0.003
NO OF SAMPLES					5	7	7	8	15	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN
08 02 78 1230			.3		0.005L	0.001L	0.008	0.001L	
13 02 78 1315			.3		0.005L	0.001L	0.008	0.001L	
03 05 78 1025			.3		0.028	0.001L	0.013	0.002	
22 05 78 1420			.3		0.028	0.001L	0.013	0.002	
25 06 78 1215			.3		0.028	0.001L	0.013	0.002	
31 07 78 1205			.3		0.028	0.001L	0.013	0.002	
30 08 78 1310			.3		0.028	0.001L	0.013	0.002	
30 09 78 1345			.3		0.028	0.001L	0.013	0.002	
28 10 78 1350			.3		0.028	0.001L	0.013	0.002	
21 11 78 1120			.3						0.01L
19 12 78 1000			.3						0.01L
MAXIMUM					0.028	0.001	0.013	0.002	0.01
AVG OR GEOM MN (*)					0.023D	0.001D	0.012	0.002D	0.01D
MINIMUM					0.005	0.001	0.008	0.001	0.01
NO OF SAMPLES					9	9	9	9	2

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
STATION TYPE: RIVER

STATION ID: 01-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

STN NO: 2 LAT: LONG: U T M: 16 0329200.0 5357075.0 4 REGION: 06 MILEAGE: 5.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1150			.3		20006	4				0.0	14.5	2.2	0.017	0.003
13 02 78 1300			.3		20021	4	12.	4. L	4. L	3.0	12.0	4.4	0.018	0.008
20 03 78 0925			.3		20034	4	72.	4.	12.	0.0	12.4	3.4	0.026	0.005
18 04 78 1250			.3		20048		32.	4. L	4.	0.0	13.4	1.4	0.170	0.033
22 05 78 1430			.3		20067		124.	4. L	4.	16.5	8.9	0.6	0.023	0.003
26 06 78 1230			.3		20091	6	216.	36.	4. L	15.5	9.1	0.4	0.021	0.002
31 07 78 1215			.3		20115		144.	8.	24.	15.0	9.0	1.1	0.007	0.001
30 08 78 1330			.3		20139		96.	8.	4.	18.0	8.1	0.2	0.001	0.001
25 09 78 1400			.3		20163		224.	4. L	572.	12.0	10.3	0.6	0.008	0.002
28 10 78 1305			.3		20187		196.	12.	24.	5.0	12.0	0.6	0.012	0.001
21 11 78 1045			.3		20206	4	76.	4. L	20.	0.0	13.6	2.0	0.009	0.002
19 12 78 0930			.3		20220	6 4	28.	4. L	4.	0.0	13.6	1.4	0.015	0.003
MAXIMUM							224.	36.	572.	18.0	14.5	4.4	0.170	0.033
AVG OR GEOM MN (*)							81.*	6.* D	11.* D	7.1	11.4	1.5	0.027	0.005
MINIMUM							12.	4.	4.	0.0	8.1	0.2	0.001	0.001
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1150			.3		0.050	0.840	0.005	0.050	0.105	0.790	0.895		2.0	84
13 02 78 1300			.3		0.06	1.2	0.006	0.07	0.136	1.140	1.276		3.	84
20 03 78 0925			.3		0.060	1.100	0.006	0.070	0.136	1.040	1.176			101
18 04 78 1250			.3		0.120	0.770	0.010	0.210	0.340	0.650	0.990			124
22 05 78 1430			.3		0.010L	0.440	0.005	0.020	0.035	0.430	0.465	100.0	10.0	96
26 06 78 1230			.3									90.0	10.0	76
31 07 78 1215			.3									20.0	5.0	73
30 08 78 1330			.3									60.0	3.0	80
25 09 78 1400			.3									80.0	4.0	80
28 10 78 1305			.3									80.0	2.0	96
21 11 78 1045			.3									80.0	5.0	81
19 12 78 0930			.3									70.0	5.0	78

(C O N T D)

```
 B.O.W./ SITE: KAMINISTIQUIA RIVER                                                          STATION ID:  01-0108-002-02
 SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                  MINOR BASIN: LAKE SUPERIOR                                     001
                                                  TERM STREAM: KAMINISTIQUIA RIVER                               7920

STN NO:      2    LAT:                LONG:        U T M: 16 0329200.0 5357075.0 4    REGION: 06       MILEAGE:     5.50

                                        19        20        21        22        17        18        23         5         6        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL     NO2-N     NO3-N         N ORGNC   N               SOLIDS    SOLIDS       25C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

                      MAXIMUM        0.120       1.2     0.010     0.210     0.340     1.140     1.276     100.0      10.0       124
           AVG OR GEOM MN (*)       0.060D     0.870     0.006     0.084     0.150     0.810     0.960      72.5       4.9        88
                      MINIMUM        0.010     0.440     0.005     0.020     0.035     0.430     0.465      20.0       2.0        73

                NO OF SAMPLES            5         5         5         5         5         5         5         8        10        12

                                        16        56        52        55        71       208        76        68       265       225
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L    AT LAB    AT LAB   IN SITU      IRON  HARDNESS     HAZEN   ARSENIC    COPPER
               FEET      MTRS        UNITS                MG/L                          MG/L      MG/L     UNITS      MG/L      MG/L

17 01 78 1150              .3         2.30       2.0
13 02 78 1300              .3          2.6        2.
20 03 78 0925              .3         4.40       7.0
18 04 78 1250              .3        64.00       3.0
22 05 78 1430              .3         6.70       2.0
26 06 78 1230              .3         4.00       1.0        33      7.30               0.450      36.0        70    0.004L     0.002
31 07 78 1215              .3         3.10       1.0        29      7.30               0.450      34.0        50               0.001
30 08 78 1330              .3         2.80       1.0        33      7.70       7.2     0.650      38.0       70G              0.001L
25 09 78 1400              .3         3.40       1.0        30      7.70       7.1     0.340      36.0        50    0.004L    0.001L
28 10 78 1305              .3         3.50       2.0        37      7.60       7.6     0.480      44.0       70G               0.002
21 11 78 1045              .3         4.10       2.0        31      7.30       6.4     0.650      38.0       70G     0.022     0.004
19 12 78 0930              .3         2.70       2.0        31      7.30       6.4     0.390      42.0        60               0.002

                      MAXIMUM        64.00       7.0        37      7.70       7.6     0.650      44.0        70     0.022     0.004
           AVG OR GEOM MN (*)         8.63       2.2        32      7.46       6.9     0.487      38.3       63U    0.010D    0.002D
                      MINIMUM         2.30       1.0        29      7.30       6.4     0.340      34.0        50     0.004     0.001

                NO OF SAMPLES           12        12         7         7         5         7         7         7         3         7

                                       229       215       249       201       238       272       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE     TOTAL
DY MO YR LMT   DIST BRG DEPTH         LEAD   CADMIUM      ZINC        MN    NICKEL   CYANIDE    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L   MG/L CN      MG/L

26 06 78 1230              .3       0.005L     0.001     0.003     0.014     0.003     0.01L    0.001L
31 07 78 1215              .3                            0.003     0.010
30 08 78 1330              .3                            0.002
25 09 78 1400              .3       0.010L    0.001L    0.001L     0.013    0.001L              0.001L
28 10 78 1305              .3                            0.002     0.013
21 11 78 1045              .3       0.010L    0.001L     0.003     0.027    0.001L     0.01L     0.001
19 12 78 0930              .3                            0.004     0.001




                      MAXIMUM        0.010     0.001     0.004     0.027     0.003      0.01     0.001
           AVG OR GEOM MN (*)       0.008D    0.001D    0.003D     0.013    0.002D     0.01D    0.001D
                      MINIMUM        0.005     0.001     0.001     0.001     0.001      0.01     0.001

                NO OF SAMPLES            3         3         7         6         3         2         3


 B.O.W./ SITE: KAMINISTIQUIA RIVER                                                          STATION ID:  01-0108-003-02
 SAMPLE POINT: MIDDLE OF TURNING BASIN
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                  MINOR BASIN: LAKE SUPERIOR                                     001
                                                  TERM STREAM: KAMINISTIQUIA RIVER                               7920

STN NO:      3    LAT:                LONG:        U T M: 16 0329475.0 5357050.0 4    REGION: 06       MILEAGE:     5.00

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

22 05 78 1425              .3        20066             11000E+1  10.    L       40.      18.0       8.7      14.0     0.039     0.006
26 06 78 1220              .3        20090       0 9    47000.       50.   10.    L      18.0       8.2       6.0     0.036     0.004
10 07 78 1210              .3        20114              94000.       30.       20.      16.5       8.1       4.3     0.029     0.003
30 08 78 1320              .3        20138             14000E+1   57000.       40.      18.5       8.3      18.0     0.033     0.005
25 09 78 1350              .3        20162               2000.    4.    L      232.      12.0       8.9       1.0     0.015     0.002
28 10 78 1300              .3        20186            15000.  G     372.      270.       8.2       9.9      30.0     0.062     0.008

                      MAXIMUM                          14000E+1   57000.      270.      18.5       9.9      30.0     0.062     0.008
           AVG OR GEOM MN (*)                         35614.* U  104.* D   52.* D      15.2       8.7      12.2     0.036     0.005
                      MINIMUM                            2000.        4.       10.       8.2       8.1       1.0     0.015     0.002

                NO OF SAMPLES                                6         6         6         6         6         6         6         6

                                        19        20        21        22        17        18        23         5         6        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL     NO2-N     NO3-N         N ORGNC   N               SOLIDS    SOLIDS       25C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

22 05 78 1425              .3       0.010L     0.520     0.006    0.010L     0.026     0.510     0.536     160.0      10.0       151
26 06 78 1220              .3                                                                              180.0      15.0       190
10 07 78 1210              .3                                                                              140.0      10.0       154
30 08 78 1320              .3                                                                              200.0      10.0       180
25 09 78 1350              .3                                                                               90.0       8.0        92
28 10 78 1300              .3                                                                              280.0      10.0       300

                      MAXIMUM        0.010     0.520     0.006     0.010     0.026     0.510     0.536     280.0      15.0       300
           AVG OR GEOM MN (*)       0.010D     0.520     0.006    0.010D     0.026     0.510     0.536     175.0      10.5       178
                      MINIMUM        0.010     0.520     0.006     0.010     0.026     0.510     0.536      90.0       8.0        92

                NO OF SAMPLES            1         1         1         1         1         1         1         6         6         6
```

(CONTD)

```
                                        16         56         52         55         71         76         68
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE    TOT ALK         PH         PH     CALCUL     COLOUR
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L     AT LAB     AT LAB  IN    SITU   HARDNESS      HAZEN
               FEET      MTRS         UNITS                  MG/L                               MG/L      UNITS

22 05 78 1425              .3          9.20
26 06 78 1220              .3          6.20       20.0         22       7.00                    40.0        70G
10 07 78 1210              .3          6.20       12.0         42       8.40                    46.0        70G
30 08 78 1320              .3          7.90       16.0         47       7.70        7.4         58.0        70G
25 09 78 1350              .3          6.00        2.0         34       8.40        8.5         44.0        70G
28 10 78 1300              .3          7.80       33.0         42       6.90        6.7         62.0        70G

                      MAXIMUM          9.20       33.0         47       8.40        8.5         62.0        70
          AVG OR GEOM MN (*)           7.22       16.6         37       7.68        7.5         50.0        70U
                      MINIMUM          6.00        2.0         22       6.90        6.7         40.0        70

                NO OF SAMPLES             6          5          5          5          3            5         5


 B.O.W./ SITE: KAMINISTIQUIA RIVER                                                     STATION ID:  01-0108-004-02
 SAMPLE POINT: NEAR MOUTH THUNDER BAY
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                      MINOR BASIN: LAKE SUPERIOR                                 001
                                                      TERM STREAM: KAMINISTIQUIA RIVER                           7920

STN NO:     4    LAT:               LONG:              U T M: 16 0335750.0 5362100.0 4    REGION: 06

                                       934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO              COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P   REACTIVE
               FEET      MTRS                            MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

22 05 78 1325              .3         20073               15000.  G     230.        56.       16.0        4.4        7.2      0.057      0.005
26 06 78 1315              .3         20097               36000.        600.       564.       15.0        4.5        3.6      0.120      0.005
31 07 78 1045              .3         20121               25000.      15000.       240.                              3.4      0.077      0.013
30 08 78 1410              .3         20145               37000.      16000.       600.  G    16.0        0.3        7.6      0.089      0.004
25 09 78 1140              .3         20169               46000.        480.       260.       11.0        9.0        1.0      0.027      0.007
23 10 78 1140              .3         20193              11400E+1     1500.  G    1500.  G     7.0       11.4        3.0      0.160      0.034
21 11 78 1320              .3         20207       4         236.        104.       360.        3.0       11.9        3.0      0.062      0.003
18 12 78 1100              .3         20221                1500.        140.       364.        0.0       11.4        3.6      0.140      0.009

                      MAXIMUM                            11400E+1    16000.       1500.       16.0       11.9        7.6      0.160      0.034
          AVG OR GEOM MN (*)                             13210.* U    876.* U     351.* U      9.7        7.6        4.1      0.092      0.010
                      MINIMUM                               236.        104.        56.        0.0        0.3        1.0      0.027      0.003

                NO OF SAMPLES                                  8          8          8          7          7          8          8          8

                                        19         20         21         22         17         18         23          5          6         14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS        25C
               FEET      MTRS          MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L      UMHOS

22 05 78 1325              .3        0.010L      0.670      0.006     0.010L      0.026      0.660      0.686      170.0       15.0        162
26 06 78 1315              .3                                                                                    140.0       25.0        146
31 07 78 1045              .3                                                                                     95.0       10.0        141
30 08 78 1410              .3                                                                                    130.0       15.0        180
25 09 78 1140              .3                                                                                     80.0        5.0        123
23 10 78 1140              .3                                                                                     90.0       10.0        148
21 11 78 1320              .3                                                                                    130.0       15.0        147



18 12 78 1100              .3                                                                                    130.0       10.0        154

                      MAXIMUM         0.010      0.670      0.006      0.010      0.026      0.660      0.686      170.0       25.0        180
          AVG OR GEOM MN (*)          0.010D     0.670      0.006      0.010D     0.026      0.660      0.686      120.6       13.1        150
                      MINIMUM         0.010      0.670      0.006      0.010      0.026      0.660      0.686       80.0        5.0        123

                NO OF SAMPLES             1          1          1          1          1          1          1          8          8          8

                                        16         56         59         52         55         71        208         76         68        265
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE   SULPHATE    TOT ALK         PH         PH      TOTAL     CALCUL     COLOUR      TOTAL
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L                AT LAB     AT LAB  IN    SITU       IRON   HARDNESS      HAZEN    ARSENIC
               FEET      MTRS         UNITS                  MG/L       MG/L                                MG/L       MG/L      UNITS       MG/L

22 05 78 1325              .3          9.80
26 06 78 1315              .3          7.00       10.0       11.0         45       6.90                  1.400       50.0         70     0.004L
31 07 78 1045              .3          5.30        8.0                    41       7.10                  0.650       44.0         50
30 08 78 1410              .3          6.10       16.0                    45       7.10        6.7       1.700       52.0        70G
25 09 78 1140              .3          7.10        4.0        4.1         48       7.50        7.6       0.400       48.0          5     0.004L
23 10 78 1140              .3          8.10        7.0                    49       6.90                              54.0         50     0.004L
21 11 78 1320              .3          7.80        8.0        9.0         47       7.30        7.1       0.560       54.0         30     0.004L
18 12 78 1100              .3          8.80        8.0                    49       7.10                  0.720       48.0         30

                      MAXIMUM          9.80       16.0       11.0         49       7.50        7.6       1.700       54.0         70      0.004
          AVG OR GEOM MN (*)           7.50        8.7        8.0         46       7.13        7.1       0.905       50.0        44U     0.004D
                      MINIMUM          5.30        4.0        4.1         41       6.90        6.7       0.400       44.0          5      0.004

                NO OF SAMPLES             8          7          3          7          7          3          6          7          7          4

                                       225        229        215        249        201        238        272        217
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL   AVAILBLE      TOTAL
DY MO YR LMT   DIST BRG DEPTH        COPPER       LEAD    CADMIUM       ZINC         MN     NICKEL    CYANIDE     COBALT
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L    MG/L CN       MG/L

26 06 78 1315              .3         0.009     0.005L     0.001L      0.024      0.052      0.003      0.01L      0.001
31 07 78 1045              .3         0.003                            0.004      0.044
30 08 78 1410              .3         0.003                            0.005
25 09 78 1140              .3         0.002     0.010L     0.001L      0.002      0.015     0.001L                0.001L
23 10 78 1140              .3         0.002     0.010L     0.001L      0.002      0.015     0.001L                0.001L
21 11 78 1320              .3         0.005     0.010L     0.001L      0.007      0.031     0.001L      0.01L     0.001L
18 12 78 1100              .3         0.008     0.010L      0.001      0.015      0.031     0.001L                 0.002

                      MAXIMUM         0.009      0.010      0.001      0.024      0.052      0.003       0.01      0.002
          AVG OR GEOM MN (*)          0.005     0.009D     0.001D      0.008      0.031     0.001D      0.01D     0.001D
                      MINIMUM         0.002      0.005      0.001      0.002      0.015      0.001       0.01      0.001

                NO OF SAMPLES             7          5          5          7          6          5          2          5
```

STATION ID: 01-0108-005-02

B.O.W./ SITE: KAMINISTIQUIA RIVER
SAMPLE POINT: AT MISSION RIVER JUNCTION
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIQUIA RIVER

STORET CODE: 02
001
7920

STN NO: 5 LAT: LONG: U T M: 16 0333300.0 5359525.0 4 REGION: 06 MILEAGE: 2.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1035			.3		20004	4				0.0	14.5	11.0	0.031	0.006
13 02 78	1410			.3		20018	4	18000E+1	700.	60.	2.0	12.0	10.	0.030	0.006
20 03 78	1000			.3		20032	4	6000.	30.	48.	1.0	10.2	11.0	0.030	0.006
18 04 78	1510			.3		20046		100. L	56.	172.	0.0	13.0	10.0	0.080	0.014
22 05 78	1410			.3		20064		42000.	10.	16.	17.0	6.6	5.6	0.041	0.006
25 06 78	1205			.3		20088		23000.	32.	4. L	18.0	8.1	5.8	0.042	0.004
31 07 78	1155			.3		20112		30000.	44.	40.	15.0	5.4	6.2	0.031	0.004
30 08 78	1300			.3		20136		79000.	52000.	48.	17.5	3.1	14.0	0.043	0.005
25 09 78	1330			.3		20160		2000.	4. L	600. G	11.5	9.3	1.0	0.036	0.007
23 10 78	1340			.3		20184		9700.	600. G	570.	7.0	8.4	28.0	0.053	0.007
21 11 78	1240			.3		20204	6	5700.	8.	1700.	0.0	12.4	15.0	0.049	0.007
19 12 78	1030			.3		20218	4	25000.	100.	120.	0.0	12.4	17.0	0.051	0.019
MAXIMUM								18000E+1	52000.	1700.	18.0	14.5	28.0	0.080	0.019
AVG OR GEOM MN (*)								11909.* D	85.* E	92.* E	7.4	9.6	11.2	0.043	0.008
MINIMUM								100.	4.	4.	0.0	3.1	1.0	0.030	0.004
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78	1035			.3		0.020	0.880	0.009	0.010L	0.039	0.860	0.899		2.0	158
13 02 78	1410			.3		0.02	0.72	0.010	0.01	0.040	0.700	0.740		5.	163
20 03 78	1000			.3		0.040	0.720	0.020	0.010	0.070	0.680	0.750			140
18 04 78	1510			.3		0.010L	0.630	0.011	0.180	0.201	0.620	0.821			175
22 05 78	1410			.3		0.010L	0.570	0.006	0.010L	0.026	0.560	0.586	180.0	20.0	171
25 06 78	1205			.3									160.0	15.0	154
31 07 78	1155			.3									150.0	10.0	164
30 08 78	1300			.3									200.0	10.0	201
25 09 78	1330			.3									90.0	8.0	106
23 10 78	1340			.3									240.0	10.0	265
21 11 78	1240			.3									160.0	5.0	196
19 12 78	1030			.3									190.0	15.0	180
MAXIMUM						0.040	0.880	0.020	0.180	0.201	0.860	0.899	240.0	20.0	265
AVG OR GEOM MN (*)						0.020D	0.704	0.011	0.044D	0.075	0.684	0.759	171.3	10.0	173
MINIMUM						0.010	0.570	0.006	0.010	0.026	0.560	0.586	90.0	2.0	106
NO OF SAMPLES						5	5	5	5	5	5	5	8	10	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
17 01 78	1035			.3		4.50	15.0								
13 02 78	1410			.3		5.0	13.								
20 03 78	1000			.3		3.10	10.0								
18 04 78	1510			.3		29.00	13.0								
22 05 78	1410			.3		11.00									
25 06 78	1205			.3		7.40	16.0	33	6.70		0.950	40.0	70G	0.004L	0.008
31 07 78	1155			.3		5.70	15.0	34	7.10		0.500	44.0	70G		0.004
30 08 78	1300			.3		6.00	19.0	47	7.10	6.3	0.850	58.0	70G		0.005
25 09 78	1330			.3		6.40	2.0	39	7.90	6.8	0.580	42.0	60	0.004L	0.006
23 10 78	1340			.3		8.30	30.0	42	6.90			62.0	70G	0.004L	0.006
21 11 78	1240			.3		6.50	22.0	35	6.90	6.5	0.540	52.0	70G	0.004L	0.006
19 12 78	1030			.3		4.70	17.0	37	7.20	6.5	0.500	46.0	70G		0.003
MAXIMUM						29.00	30.0	47	7.90	6.8	0.950	62.0	70	0.004	0.008
AVG OR GEOM MN (*)						8.13	15.6	38	7.11	6.5	0.653	49.1	69U	0.004D	0.005
MINIMUM						3.10	2.0	33	6.70	6.3	0.500	40.0	60	0.004	0.003
NO OF SAMPLES						12	11	7	7	4	6	7	7	4	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
25 06 78	1205			.3		0.005L	0.001	0.007	0.051	0.003	0.01L	0.001
31 07 78	1155			.3				0.004	0.051			
30 08 78	1300			.3				0.006				
25 09 78	1330			.3		0.010L	0.001L	0.002	0.023	0.001L		0.001L
23 10 78	1340			.3		0.010L	0.001L	0.002	0.023	0.001L		0.001L
21 11 78	1240			.3		0.010L	0.001L	0.008	0.059	0.001L		0.001L
19 12 78	1030			.3				0.011	0.008			
MAXIMUM						0.010	0.001	0.011	0.059	0.003	0.01	0.001
AVG OR GEOM MN (*)						0.009D	0.001D	0.006	0.036	0.002D	0.01D	0.001D
MINIMUM						0.005	0.001	0.002	0.008	0.001	0.01	0.001
NO OF SAMPLES						4	4	7	6	4	1	4

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: AT 104TH AVE THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

STN NO: 1 LAT: LONG: U T M: 16 0334100.0 5360425.0 4 REGION: 06 MILEAGE: 1.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0940			.3		20003	4				0.0	14.5	7.0	0.030	0.005
13 02 78 1430			.3		20015	4	7000.	300.	3100.	2.0	12.3	10.	0.057	0.005
20 03 78 1045			.3		20029	4	7600.	148.	600. G	1.5	9.8	10.0	0.043	0.006
18 04 78 1600			.3		20043		7800.	110.	480.	0.0	11.8	12.0	0.085	0.011
22 05 78 1350			.3		20060		44000.	28.	80.	16.0	5.6	6.3	0.056	0.006
26 06 78 1250			.3		20084	6 9	34000.	100. L	110.	16.5	5.6	4.5	0.056	0.004
31 07 78 1045			.3		20108		48000.	50.	1500. G	14.5	3.0	5.2	0.050	0.004
30 08 78 1345			.3		20132		87000.	50000.	60.	17.0	1.7	11.0	0.041	0.006
25 09 78 1200			.3		20156		26000.	4. L	500.	11.0	7.8	2.0	0.078	0.013
23 10 78 1200			.3		20180		12000.	364.	71500.	6.0	10.0	2.4	0.100	0.023
21 11 78 1420			.3		20201	0 6	6100.	8.	2100.	3.0	11.8	17.0	0.091	0.007
19 12 78 1130			.3		20215	4	500.	28.	140.	0.0	11.8	1.6	0.044	0.003
MAXIMUM							87000.	50000.	71500.	17.0	14.5	17.0	0.100	0.023
AVG OR GEOM MN (*)							13385.*	101.* D	640.* U	7.3	8.8	7.4	0.061	0.008
MINIMUM							500.	4.	60.	0.0	1.7	1.6	0.030	0.003
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 0940			.3		0.030	0.810	0.010	0.010L	0.050	0.780	0.830		3.0	148
13 02 78 1430			.3		0.12	1.1	0.011	0.01	0.141	0.980	1.121		10.	155
20 03 78 1045			.3		0.030	0.340	0.006	0.010	0.046	0.310	0.356			138
18 04 78 1600			.3		0.010L	0.710	0.017	0.010	0.037	0.700	0.737			179
22 05 78 1350			.3		0.010L	0.560	0.006	0.010	0.026	0.550	0.576	180.0	15.0	170
26 06 78 1250			.3									150.0	15.0	149
31 07 78 1045			.3									140.0	10.0	157
30 08 78 1345			.3									170.0	10.0	195
25 09 78 1200			.3									95.0	8.0	129
23 10 78 1200			.3									100.0	5.0	152
21 11 78 1420			.3									150.0	10.0	208
19 12 78 1130			.3									110.0	5.0	124
MAXIMUM					0.12	1.1	0.017	0.010	0.141	0.980	1.121	180.0	15.0	208
AVG OR GEOM MN (*)					0.040D	0.704	0.010	0.010D	0.060	0.664	0.724	136.9	9.1	159
MINIMUM					0.010	0.340	0.006	0.010	0.026	0.310	0.356	95.0	3.0	124
NO OF SAMPLES					5	5	5	5	5	5	5	8	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
17 01 78 0940			.3		4.60	12.0								
13 02 78 1430			.3		6.1	13.								
20 03 78 1045			.3		4.30	10.0								
18 04 78 1600			.3		32.00	14.0								
22 05 78 1350			.3		9.20									
26 06 78 1250			.3		7.30	13.0	43	6.70		1.200	44.0	70G	0.004	0.005L
31 07 78 1045			.3		5.50	13.0	37	6.90		0.700	50.0	70G	0.003	
30 08 78 1345			.3		6.30	19.0	47	6.90	6.7	4.300	58.0	70G	0.003	
25 09 78 1200			.3		5.90	4.0	42	7.20	7.3	0.470	64.0		0.001	0.010L
23 10 78 1200			.3		6.50	8.0	49	6.80		0.540	54.0	60	0.008	
21 11 78 1420			.3		7.50	23.0	40	6.90	6.6	0.700	56.0	70G	0.007	0.010L
19 12 78 1130			.3		6.80	5.0	48	7.20	6.7	0.510	48.0	5	0.001	
MAXIMUM					32.00	23.0	49	7.20	7.3	4.300	64.0	70	0.008	0.010
AVG OR GEOM MN (*)					8.50	12.2	44	6.94	6.8	1.203	53.4	58U	0.004	0.008D
MINIMUM					4.30	4.0	37	6.70	6.6	0.470	44.0	5	0.001	0.005
NO OF SAMPLES					12	11	7	7	4	7	7	6	7	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
26 06 78 1250			.3		0.001	0.007	0.048	0.003	0.001L
31 07 78 1045			.3			0.005	0.045		
30 08 78 1345			.3			0.005			
25 09 78 1200			.3		0.001L	0.003	0.024	0.001L	0.001L
23 10 78 1200			.3			0.013	0.036		
21 11 78 1420			.3		0.001L	0.013	0.069	0.001L	0.001L
19 12 78 1130			.3			0.003	0.014		
MAXIMUM					0.001	0.013	0.069	0.003	0.001
AVG OR GEOM MN (*)					0.001D	0.007	0.039	0.002D	0.001D
MINIMUM					0.001	0.003	0.014	0.001	0.001
NO OF SAMPLES					3	7	6	3	3

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: NEAR MOUTH CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

STN NO: 2 LAT: LONG: U T M: 16 0335150.0 5360425.0 4 REGION: 06 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1000			.3		20001	4				0.0	13.5	2.2	0.007	0.001
13 02 78 1200			.3		20016	4	1800.	8.	592.	3.0	11.0	4.6	0.036	0.005
20 03 78 1015			.3		20030	4	900.	20.	2000.	0.0	9.6	8.5	0.057	0.006
18 04 78 1545			.3		20044		10000.	560.	870.	0.0	11.8	3.8	0.062	0.003
22 05 78 1340			.3		20061		32000.	20.	20.	16.0	4.4	6.4	0.063	0.007
26 06 78 1300			.3		20085	6 0	26000.	400.	180.	16.0	4.5	3.2	0.059	0.003
31 07 78 1055			.3		20109		28000.	180.	1500. G	14.0	2.7	4.8	0.054	0.004
30 08 78 1355			.3		20133		11000.	900.	30.	15.0	2.3	3.8	0.052	0.003
25 09 78 1205			.3		20157		56000.	4. L	430.	11.5	2.9	2.8	0.082	0.020
23 10 78 1205			.3		20181		21000.	600. G	370.	6.0	3.4	0.8	0.054	0.022
21 11 78 1440			.3		20202	6 0	3000.	28.	100.	2.5	10.6	18.0	0.110	0.006
19 12 78 1100			.3		20216	4	100.	8.	64.	0.0	12.4	1.6	0.029	0.001
MAXIMUM							56000.	900.	2000.	16.0	13.5	18.0	0.110	0.022
AVG OR GEOM MN (*)							6811.*	63.* E	242.* U	7.0	7.4	5.0	0.055	0.007
MINIMUM							100.	4.	20.	0.0	2.3	0.8	0.007	0.001
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1000			.3		0.020	0.480	0.001L	0.150	0.171	0.460	0.631		1.0	110
13 02 78 1200			.3		0.01	1.1	0.010	0.06	0.080	1.090	1.170		5.	150
20 03 78 1015			.3		0.040	1.100	0.006	0.010	0.056	1.060	1.116			133
18 04 78 1545			.3		0.070	0.880	0.004	0.060	0.134	0.810	0.944			52
22 05 78 1340			.3		0.010	0.610	0.007	0.010L	0.027	0.600	0.627	160.0	10.0	169
26 06 78 1300			.3									180.0	15.0	145
31 07 78 1055			.3									120.0	10.0	150
30 08 78 1355			.3									170.0	5.0	143
25 09 78 1205			.3									120.0	7.0	155
23 10 78 1205			.3									60.0	5.0	122
21 11 78 1440			.3									120.0	10.0	229
19 12 78 1100			.3									70.0	3.0	119
MAXIMUM					0.070	1.1	0.010	0.150	0.171	1.090	1.170	180.0	15.0	229
AVG OR GEOM MN (*)					0.030	0.834	0.006D	0.058D	0.094	0.804	0.898	125.0	7.1	140
MINIMUM					0.01	0.480	0.001	0.010	0.027	0.460	0.627	60.0	1.0	52
NO OF SAMPLES					5	5	5	5	5	5	5	8	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	225 TOTAL COPPER MG/L
17 01 78 1000			.3		1.30	2.0								
13 02 78 1200			.3		3.4	8.								
20 03 78 1015			.3		4.30	9.0								
18 04 78 1545			.3		8.00	3.0								
22 05 78 1340			.3		7.70									
26 06 78 1300			.3		7.20	10.0	41	6.70		0.900	48.0	70	0.004L	0.008
31 07 78 1055			.3		5.10	10.0	39	6.90		0.700	44.0	60		0.002
30 08 78 1355			.3		3.80	9.0	45	7.00		0.800	56.0	40		0.002
25 09 78 1205			.3		4.70	9.0	50	7.30	6.8	0.450	68.0		0.004L	0.001
23 10 78 1205			.3		4.80	4.0	46	7.30		0.370	52.0	10		0.003
21 11 78 1440			.3		7.60	26.0	47	7.00	6.6	0.730	64.0	70G	0.004L	0.006
19 12 78 1100			.3		2.30	3.0	47	7.40	6.7	0.150	46.0	5L		0.002
MAXIMUM					8.00	26.0	50	7.40	6.8	0.900	68.0	70	0.004	0.008
AVG OR GEOM MN (*)					5.02	8.5	45	7.09	6.7	0.586	54.0	43E	0.004D	0.003
MINIMUM					1.30	2.0	39	6.70	6.6	0.150	44.0	5	0.004	0.001
NO OF SAMPLES					12	11	7	7	3	7	7	6	3	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
26 06 78 1300			.3		0.005L	0.001	0.008	0.046	0.003	0.01L	0.001L
31 07 78 1055			.3				0.005	0.042			
30 08 78 1355			.3				0.003				
25 09 78 1205			.3		0.010L	0.001L	0.005	0.038	0.001L		0.001L
23 10 78 1205			.3				0.006	0.012			
21 11 78 1440			.3		0.010L	0.001L	0.010	0.071	0.001L	0.01L	0.001
19 12 78 1100			.3				0.012	0.006			
MAXIMUM					0.010	0.001	0.012	0.071	0.003	0.01	0.001
AVG OR GEOM MN (*)					0.008D	0.001D	0.007	0.036	0.002D	0.01D	0.001D
MINIMUM					0.005	0.001	0.003	0.006	0.001	0.01	0.001
NO OF SAMPLES					3	3	7	6	3	2	3

```
B.O.W./ SITE: MISSION RIVER                                                                      STATION ID:  01-0110-001-02
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                             MINOR BASIN: LAKE SUPERIOR                                     001
                                                             TERM STREAM: MISSION RIVER                                     7940

STN NO:      1     LAT:                 LONG:             U T M: 16 0334950.0 5358400.0 4    REGION: 06            MILEAGE:    0.20

                                          934       901        80        81        84       805         3         1        33         34
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH              NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P   REACTIVE
               FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L     P MG/L

17 01 78 1020               .3          20002    4                                         0.0      12.5      12.0     0.029      0.006
13 02 78 1350               .3          20017    4       14000E+1       52.       48.      3.0      12.5      11.      0.026      0.006
20 03 78 1030               .3          20031    4        6800.         50.       56.      1.0      12.2      10.0     0.026      0.006
18 04 78 1610               .3          20045              100.  G      10.       84.      0.0      12.4      10.0     0.075      0.013
22 05 78 1400               .3          20063            67000.        140.       20.     16.0       5.3       5.4     0.043      0.006
25 06 78 1155               .3          20087            14000.        100.  L    76.     17.0       5.8       4.6     0.039      0.004
31 07 78 1145               .3          20111            58000.         60.       88.     15.0       4.0       6.2     0.037      0.005
30 08 78 1250               .3          20135            57000.        310.       20.     16.0       1.8      12.0     0.037      0.004
25 09 78 1325               .3          20159            16000.        176.      176.     11.0       9.0       1.0     0.033      0.008
23 10 78 1225               .3          20183            21000.        480.     1500.  G   6.0       1.7      29.0     0.088      0.005
21 11 78 1400               .3          20203    6 0      5800.         32.      190.      2.0      11.9      18.0     0.042      0.006
19 12 78 1115               .3          20217    4        1900.         20.      500.      0.0      11.0      12.0     0.078      0.014

                       MAXIMUM                           14000E+1      480.     1500.     17.0      12.5      29.0     0.088      0.014
            AVG OR GEOM MN (*)                           12428.* U      74.* D   104.* U   7.3       8.3      10.9     0.046      0.007
                       MINIMUM                             100.         10.       20.      0.0       1.7       1.0     0.026      0.004

                 NO OF SAMPLES                               11         11        11       12        12        12        12         12

                                           19        20        21        22        17        18        23         5         6         14
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.      COND.
DY MO YR LMT   DIST BRG DEPTH         AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS        25C
               FEET      MTRS            MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      UMHOS

17 01 78 1020               .3          0.030     0.880     0.008     0.010     0.048     0.850     0.898                  4.0        150
13 02 78 1350               .3          0.02      0.74      0.010     0.01      0.040     0.720     0.760                  5.         156
20 03 78 1030               .3          0.030     0.470     0.012     0.020     0.062     0.440     0.502                             140
18 04 78 1610               .3          0.010L    0.610     0.012     0.190     0.212     0.600     0.812                             170
22 05 78 1400               .3          0.010L    0.590     0.006     0.010L    0.026     0.580     0.606     150.0      15.0        173
25 06 78 1155               .3                                                                              160.0      15.0        146
31 07 78 1145               .3                                                                              140.0      10.0        169
30 08 78 1250               .3                                                                              190.0      10.0        195
25 09 78 1325               .3                                                                              100.0       6.0        106
23 10 78 1225               .3                                                                              160.0      10.0        200
21 11 78 1400               .3                                                                              180.0      10.0        206
19 12 78 1115               .3                                                                              190.0      15.0        175

                       MAXIMUM          0.030     0.880     0.012     0.190     0.212     0.850     0.898     190.0      15.0        206
            AVG OR GEOM MN (*)          0.020D    0.658     0.010     0.048D    0.078     0.638     0.716     158.8      10.0        166
                       MINIMUM          0.010     0.470     0.006     0.010     0.026     0.440     0.502     100.0       4.0        106

                 NO OF SAMPLES              5         5         5         5         5         5         5         8        10         12

                                           16        56        52        55        71       208        76        68       265        225
SAMP DTE HOUR  STN  STN SAMP  PJ        TURB.  CHLORIDE   TOT ALK        PH        PH     TOTAL    CALCUL    COLOUR     TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH        FORMAZIN      MG/L    AT LAB    AT LAB  IN  SITU      IRON  HARDNESS     HAZEN   ARSENIC     COPPER
               FEET      MTRS           UNITS                MG/L                          MG/L      MG/L     UNITS      MG/L       MG/L



17 01 78 1020               .3           4.90      14.0
13 02 78 1350               .3           4.7       12.
20 03 78 1030               .3           2.80      10.0
18 04 78 1610               .3          29.00      12.0
22 05 78 1400               .3          12.00
25 06 78 1155               .3           6.50      13.0        41      6.70               0.950      42.0      70G      0.004L      0.003
31 07 78 1145               .3           5.40      17.0        34      6.90               1.300      46.0      70G                  0.002
30 08 78 1250               .3           5.90      20.0        45      7.00       6.2     0.900      58.0      70G                  0.003
25 09 78 1325               .3           6.30       3.0        39      7.50       7.2                50.0      60       0.004L      0.003
23 10 78 1225               .3           7.40      16.0        48      6.70               0.640      58.0      70G                  0.005
21 11 78 1400               .3           7.20      23.0        40      7.00       6.9     0.660      66.0      70G      0.004L      0.005
19 12 78 1115               .3          10.00      15.0        38      6.90       6.6     1.300      46.0      70G                  0.006

                       MAXIMUM          29.00      23.0        48      7.50       7.2     1.300      66.0      70       0.004       0.006
            AVG OR GEOM MN (*)           8.51      14.1        41      6.96       6.7     0.958      52.3      69U      0.004D      0.004
                       MINIMUM           2.80       3.0        34      6.70       6.2     0.640      42.0      60       0.004       0.002

                 NO OF SAMPLES             12        11         7         7         4         6         7         7         3          7

                                          229       215       249       201       238       272       217
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL     TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE     TOTAL
DY MO YR LMT   DIST BRG DEPTH            LEAD   CADMIUM      ZINC        MN    NICKEL   CYANIDE    COBALT
               FEET      MTRS            MG/L      MG/L      MG/L      MG/L      MG/L   MG/L CN      MG/L

25 06 78 1155               .3          0.005L    0.001     0.004     0.051     0.003     0.01L     0.001L
31 07 78 1145               .3                              0.004     0.052
30 08 78 1250               .3                              0.009
25 09 78 1325               .3          0.010L    0.001L    0.003               0.001L              0.001L
23 10 78 1225               .3                              0.011     0.056
21 11 78 1400               .3          0.010L    0.001     0.009     0.063     0.001L    0.01L     0.002
19 12 78 1115               .3                              0.012     0.066

                       MAXIMUM          0.010     0.001     0.012     0.066     0.003     0.01      0.002
            AVG OR GEOM MN (*)          0.008D    0.001D    0.007     0.058     0.002D    0.01D     0.001D
                       MINIMUM          0.005     0.001     0.003     0.051     0.001     0.01      0.001

                 NO OF SAMPLES              3         3         7         5         3         2         3
```

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  25 OCT 79  PAGE    46

B.O.W./ SITE: PIGEON RIVER                                                                STATION ID:  01-0117-001-02
SAMPLE POINT: AT HIGHWAY 61, PIGEON RIVER
STATION TYPE: RIVER   FLOW GAUGE FED 02AA001      MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                  MINOR BASIN: LAKE SUPERIOR                                         001
                                                  TERM STREAM: PIGEON RIVER                                          8090

STN NO:      1    LAT:               LONG:               U T M: 16 0298000.0 5320800.0 4   REGION: 06          MILEAGE:    11.30

                                             934        901        444         80         81         84        805          3          1         33
SAMP DTE HOUR   STN  STN SAMP   PJ        SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH                NO                         COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
                FEET             MTRS                                    MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

05 01 78 1000                      .3      20501          4     470.00      4.  L      4.  L      4.            0.0       14.0        0.8      0.004
08 02 78 1120                      .3      20526                255.00      4.  L      4.  L      4.  L         0.5       14.1        0.4      0.026
08 03 78 1025                      .3      20543                185.00      4.         4.  L      4.  L         0.0       13.4        2.9      0.029
05 04 78 1030                      .3      20560                195.00     16.         4.  L      4.  L                               1.6      0.016
03 05 78 1000                      .3      20577               2260.00     64.         4.  L      4.  L         2.0       14.6        1.9      0.043
07 06 78 0905                      .3      20605               1370.00    144.         4.  L     48.                                  1.6      0.037
05 07 78 0945                      .3      20620                539.00     72.        16.         4.  L        23.5       12.6        2.0      0.025
08 08 78 1005                      .3      20637          6     199.00    112.        28.        72.                                  1.6      0.011
07 09 78 1000                      .3      20653                114.00    400.        28.        28.          15.0        9.6        1.2      0.010
04 10 78 0950                      .3      20662                194.00     88.        12.        36.          14.8       12.6        0.6      0.022
01 11 78 0945                      .3      20677          6     133.00     16.         4.  L      4.  L                               0.4      0.018
06 12 78 0900                      .3      20694                 95.00     28.         4.  L      4.  L         4.0       12.4        0.6      0.012

                              MAXIMUM                          2260.00    400.        28.        72.          23.5       14.6        2.9      0.043
                   AVG OR GEOM MN (*)                           500.75     32.* D      7.* D      9.* D       7.5       12.9        1.3      0.021
                              MINIMUM                            95.00      4.         4.         4.          0.0        9.6        0.4      0.004

                        NO OF SAMPLES                               12         12         12         12          8          8         12         12

                                              34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR   STN  STN SAMP   PJ      FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH          REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N          N   ORGNC  N                SOLIDS     SOLIDS
                FEET             MTRS     P MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

05 01 78 1000                      .3     0.005      0.020       0.320      0.005      0.010      0.035      0.300      0.335                  3.0
08 02 78 1120                      .3     0.013      0.050       0.480      0.005      0.030      0.085      0.430      0.515                 20.0
08 03 78 1025                      .3     0.003      0.220       1.200      0.004      0.040      0.264      0.980      1.244                  2.0
05 04 78 1030                      .3     0.007      0.050       0.690      0.003      0.190      0.243      0.640      0.883                  5.0
03 05 78 1000                      .3     0.003      0.010L      0.540      0.006      0.140      0.156      0.530      0.686                 10.0
07 06 78 0905                      .3     0.016      0.010       0.430      0.006      0.020      0.036      0.420      0.456                 15.0
05 07 78 0945                      .3     0.005      0.010       0.610      0.003      0.010      0.023      0.600      0.623       70.0       10.0
08 08 78 1005                      .3     0.001L     0.010L      0.390      0.002      0.010L     0.022      0.380      0.402       65.0        5.0
07 09 78 1000                      .3     0.006      0.010L      0.440      0.002      0.010L     0.022      0.430      0.452       95.0        8.0
04 10 78 0950                      .3     0.005      0.010L      0.400      0.004      0.010L     0.024      0.390      0.414       65.0        6.0
01 11 78 0945                      .3     0.006      0.010L      0.500      0.004      0.020      0.034      0.490      0.524       85.0        5.0
06 12 78 0900                      .3     0.004      0.010       0.380      0.004      0.070      0.084      0.370      0.454       85.0        5.0

                              MAXIMUM     0.016      0.220       1.200      0.006      0.190      0.264      0.980      1.244       95.0       20.0
                   AVG OR GEOM MN (*)     0.006D     0.035D      0.532      0.004      0.047D     0.086      0.497      0.582       77.5        7.8
                              MINIMUM     0.001      0.010       0.320      0.002      0.010      0.022      0.300      0.335       65.0        2.0

                        NO OF SAMPLES         12         12         12         12         12         12         12         12          6         12

                                               7        107         14         16         56         59        280         55         71        208
SAMP DTE HOUR   STN  STN SAMP   PJ         DISS.     CALCUL      COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE         PH         PH      TOTAL
DY MO YR LMT    DIST BRG DEPTH            SOLIDS   D-SOLIDS        25C   FORMAZIN       MG/L              SILICATE     AT LAB   IN  SITU       IRON
                FEET             MTRS       MG/L       MG/L      UMHOS      UNITS                  MG/L    SI MG/L                             MG/L


05 01 78 1000                      .3                    51         78       0.15        1.0        6.0       4.20       6.50                 0.550
08 02 78 1120                      .3                    65        100      13.00        2.0        7.5       4.70       6.50                 1.300
08 03 78 1025                      .3                    70        108       3.70        3.0        7.0       4.20       7.20                 0.550
05 04 78 1030                      .3                    74        114       6.60        3.0        8.7       4.50       7.30                 0.900
03 05 78 1000                      .3                               52      13.00        1.0        4.6       3.70       6.80                 1.600
07 06 78 0905                      .3                    45         69      11.00        3.0        7.4       2.50       6.30                 1.400
05 07 78 0945                      .3         60                    76       6.00        2.0        7.5       2.50       7.50                 0.900
08 08 78 1005                      .3         60                    82       4.90        1.0        4.4       2.70       7.90        7.6      0.360
07 09 78 1000                      .3         87                    98       6.10        2.0        6.1       2.90       7.90        6.8      1.000
04 10 78 0950                      .3         59                    91       6.90        1.0        6.0       2.70       7.60        7.0      0.660
01 11 78 0945                      .3         80                    93       7.50        1.0        7.1       2.80       7.60                 1.000
06 12 78 0900                      .3         80         73        113       7.10        1.0        7.4       3.40       7.50        7.1      0.900

                              MAXIMUM         87         74        114      13.00        3.0        8.7       4.70       7.90        7.6      1.600
                   AVG OR GEOM MN (*)         71         63         90       7.16        1.8        6.6       3.40       7.22        7.1      0.927
                              MINIMUM         59         45         52       0.15        1.0        4.4       2.50       6.30        6.8      0.360

                        NO OF SAMPLES          6          6         12         12         12         12         12         12          4         12

                                              25         47         41        361        265        235        221        225        229        215
SAMP DTE HOUR   STN  STN SAMP   PJ       PHENOLS    ORGANIC        COD    SOLVENT      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH                       C AS C               EXTRBLES    ARSENIC    MERCURY   CHROMIUM     COPPER       LEAD    CADMIUM
                FEET             MTRS       UG/L       MG/L       MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L       MG/L

05 01 78 1000                      .3                  16.0        30 
08 02 78 1120                      .3                  19.0        20                0.010L     0.070      0.020L     0.012      0.005L     0.001
08 03 78 1025                      .3                   9.0        30           1
05 04 78 1030                      .3                   6.3        10L
03 05 78 1000                      .3                              30           0    0.010L     0.050L     0.020L     0.001L     0.016      0.001L
07 06 78 0905                      .3                              20 
05 07 78 0945                      .3                   8.3        40 
08 08 78 1005                      .3        4.0        7.0        30                0.004L     0.050L     0.040L     0.003      0.005L     0.001
07 09 78 1000                      .3                   6.0        20 
04 10 78 0950                      .3                  10.0        30                0.004L     0.005L     0.020L     0.006      0.010      0.001L
01 11 78 0945                      .3                  10.0        35 
06 12 78 0900                      .3                  10.0        35 

                              MAXIMUM        4.0       19.0        40           1    0.010      0.070      0.040      0.012      0.016      0.001
                   AVG OR GEOM MN (*)        4.0       10.2        28D          1    0.007D     0.044D     0.025D     0.006D     0.009D     0.001D
                              MINIMUM        4.0        6.0        10           0    0.004      0.005      0.020      0.001      0.005      0.001

                        NO OF SAMPLES          1         10         12          2          4          4          4          4          4          4




                                                                                                                                ( C O N T D )
```

```
                                       249        238
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH         ZINC     NICKEL
               FEET      MTRS         MG/L       MG/L

08 02 78 1120              .3        0.008      0.001L
03 05 78 1000              .3        0.003      0.001
08 08 78 1005              .3        0.005      0.001L
04 10 78 0950              .3        0.001      0.001L

                      MAXIMUM        0.008      0.001
            AVG OR GEOM MN (*)       0.004      0.001D
                      MINIMUM        0.001      0.001

                NO OF SAMPLES           4          4


  B.O.W./ SITE: POTTAWATOMI RIVER                                                                   STATION ID:  03-0015-001-02
  SAMPLE POINT: FOURTH AVE OWEN SOUND
  STATION TYPE: RIVER   FLOW GAUGE MOE 02FB102        MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                          002
                                                      TERM STREAM: POTTAWATOMI RIVER                                   2040

STN NO:      1    LAT:                LONG:           U T M: 17 0503840.0 4935475.0 4    REGION: 01          MILEAGE:    0.20

                                       934      901       80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD         P
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

13 02 78 1320              .3        40421   4         1240.      164.      280.      4.  L     0.3      14.6       0.6     0.017
06 03 78 1650              .3        40437   4         2100. G    180.       60.      4.  L     0.8      16.0       1.3     0.015
05 04 78 0840              .3        40455   6          460.      104.      100.      4.  L     1.2      14.9       0.1     0.037
09 05 78 2104              .3        40480   6         3100. G    556.      292.      4.  L    11.2       9.6       1.2     0.042
12 09 78 1000              .3        40571   6        13100.      440.      600. G   20.       16.0       9.3       1.1     0.108
11 10 78 0920              .3        40591   6         2500.      150.      380.      4.  L    10.8       9.6       0.9     0.024
31 10 78 0920              .3        40610   9 6       1500.      328.       92.      8.        7.8      10.2       1.1     0.020
05 12 78 0930              .3        40630   6         3400.      144.      600. G    8.        1.2      14.0       0.9     0.035

                      MAXIMUM                         13100.      556.      600.     20.       16.0      16.0       1.3     0.108
            AVG OR GEOM MN (*)                         2234.* U   219.*     223.* U   6.* D     6.2      12.3       0.9     0.037
                      MINIMUM                           460.      104.       60.      4.        0.3       9.3       0.1     0.015

                NO OF SAMPLES                              8         8         8         8         8         8         8         8

                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/D  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

13 02 78 1320              .3        0.008     0.030     0.505     0.007     0.940     0.977     0.475     1.452     302.        4.5
06 03 78 1650              .3        0.006     0.005L    0.460     0.007     1.080     1.092     0.455     1.547     332.0      11.0
05 04 78 0840              .3        0.011     0.065     0.625     0.010     0.790     0.865     0.560     1.425     216.0      12.0
09 05 78 2104              .3        0.006     0.025     0.675     0.008     0.460     0.493     0.650     1.143     294.0      17.5
12 09 78 1000              .3        0.008     0.055     0.470     0.013     0.680     0.748     0.415     1.163     304.0      18.0
11 10 78 0920              .3        0.007     0.025     0.740     0.007     0.540     0.572     0.715     1.287     418.0      12.0
31 10 78 0920              .3        0.009     0.015     0.650     0.005     0.570     0.590     0.635     1.225     378.0       3.5
05 12 78 0930              .3        0.006     0.020     0.645     0.006     1.040     1.066     0.625     1.691     290.0       8.0




                      MAXIMUM        0.011     0.065     0.740     0.013     1.080     1.092     0.715     1.691     418.0      18.0
            AVG OR GEOM MN (*)       0.008     0.030D    0.596     0.008     0.763     0.800     0.566     1.367     316.8      10.8
                      MINIMUM        0.006     0.005     0.460     0.005     0.460     0.493     0.415     1.143     216.0       3.5

                NO OF SAMPLES            8         8         8         8         8         8         8         8         8         8

                                         7        14        16        56        55        25
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.     COND.     TURB.  CHLORIDE        PH   PHENOLS
DY MO YR LMT   DIST BRG DEPTH       SOLIDS       25C  FORMAZIN      MG/L    AT LAB
               FEET      MTRS         MG/L     UMHOS     UNITS                          UG/L

13 02 78 1320              .3          297       550      2.30      11.5      8.21      1.0L
06 03 78 1650              .3          321       655      8.30      31.5      8.36
05 04 78 0840              .3          204       438     12.00       9.5      8.16
09 05 78 2104              .3          276       446      7.10      12.0      8.44
12 09 78 1000              .3          286       501     14.00      31.5      8.15
11 10 78 0920              .3          406       560      6.90      15.5      8.34
31 10 78 0920              .3          374       565      3.30      16.0      8.26
05 12 78 0930              .3          282       465      7.00      23.0      8.11

                      MAXIMUM          406       655     14.00      31.5      8.44      1.0
            AVG OR GEOM MN (*)         306       523      7.61      18.8      8.25      1.0D
                      MINIMUM          204       438      2.30       9.5      8.11      1.0

                NO OF SAMPLES            8         8         8         8         8         1


  B.O.W./ SITE: POTTAWATOMI RIVER                                                                   STATION ID:  03-0015-002-02
  SAMPLE POINT: AT 14TH STREET BRIDGE OWEN SOUND
  STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                          002
                                                      TERM STREAM: POTTAWATOMI RIVER                                   2040

STN NO:      2    LAT:                LONG:           U T M: 17 0503200.0 4935400.0 4    REGION: 01          MILEAGE:    1.00

                                       934      901       80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD         P
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

18 01 78 0815              .3        40411   4          164.        4.        4. L    4.  L     0.0      14.1       1.1     0.016
13 02 78 1340              .3        40422   4          160.        4. L     20.      4.  L     1.0      13.8       0.6     0.017
05 04 78 0900              .3        40456   6          160.       36.      148.      4.  L     1.0      15.0       0.7     0.047
09 05 78 2117              .3        40481   3         4000. G    432.      168.      4.  L    11.4       9.3       1.4     0.045
19 06 78 2126              .3        40501   6         4200.     2100.      260.      4.  L    17.0       7.9       1.4     0.069
24 07 78 2000              .3        40524   6         2600.      110.      260.     24.       20.2       7.8       0.7     0.024
21 08 78 1935              .3        40547   6         1800.       92.       64.      4.  L    19.2       8.3       0.4     0.015
12 09 78 0945              .3        40570   6         5100.      588.      600. G   24.       16.0      10.4       0.6     0.025
11 10 78 0945              .3        40590   6          600.       20.       72.      4.  L     9.8      11.3       0.8     0.011
31 10 78 0930              .3        40611   6           40.        8.       76.      4.  L     8.0      11.8       1.3     0.010
05 12 78 0920              .3        40631   6         2600.      176.      600. G    8.        1.5      14.5       0.8     0.037

                      MAXIMUM                          5100.     2100.      600.     24.       20.2      15.0       1.4     0.069
            AVG OR GEOM MN (*)                          815.* U    65.* D   105.* E   6.* D     9.6      11.3       0.9     0.029
                      MINIMUM                            40.        4.        4.      4.        0.0       7.8       0.4     0.010

                NO OF SAMPLES                             11        11        11        11        11        11        11        11
```

(C O N T D)

B.O.W./ SITE: POTTAWATOMI RIVER
SAMPLE POINT: AT 14TH STREET BRIDGE OWEN SOUND
STATION TYPE: RIVER

STATION ID: 03-0015-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: POTTAWATOMI RIVER

STORET CODE: 02
002
2040

STN NO: 2 LAT: LONG: U T M: 17 0503200.0 4935400.0 4 REGION: 01 MILEAGE: 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 0815			.3		0.006	0.005	0.500	0.007	0.840	0.852	0.495	1.347	292.0	3.5
13 02 78 1340			.3		0.005	0.020	0.490	0.007	0.920	0.947	0.470	1.417	300.	3.
05 04 78 0900			.3		0.009	0.070	0.740	0.011	0.790	0.871	0.670	1.541	246.0	10.0
09 05 78 2117			.3		0.004	0.010	0.680	0.007	0.440	0.457	0.670	1.127	300.0	24.0
19 06 78 2126			.3		0.008	0.015	0.850	0.010	0.300	0.325	0.835	1.160	400.0	33.0
24 07 78 2000			.3		0.006	0.015	0.480	0.004	0.580	0.599	0.465	1.064	320.0	12.0
21 08 78 1935			.3		0.003	0.005	0.350	0.004	0.800	0.809	0.345	1.154	272.0	9.0
12 09 78 0945			.3		0.007	0.005	0.430	0.005	0.700	0.710	0.425	1.135	294.0	6.0
11 10 78 0945			.3		0.003	0.005	0.600	0.004	0.520	0.529	0.595	1.124	406.0	3.5
31 10 78 0930			.3		0.003	0.005	0.590	0.004	0.550	0.559	0.585	1.144	450.0	1.0
05 12 78 0920			.3		0.006	0.015	0.730	0.006	1.070	1.091	0.715	1.806	264.0	8.0
MAXIMUM					0.009	0.070	0.850	0.011	1.070	1.091	0.835	1.806	450.0	33.0
AVG OR GEOM MN (*)					0.005	0.015	0.585	0.006	0.683	0.704	0.570	1.274	322.2	10.3
MINIMUM					0.003	0.005	0.350	0.004	0.300	0.325	0.345	1.064	246.0	1.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
18 01 78 0815			.3		289	520	26.00	9.5	12.5	2.40	8.0	263	8.14	0.240
13 02 78 1340			.3		297	540	2.3	10.5	12.0	2.30	0.0	257	8.30	0.220
05 04 78 0900			.3		236	450	11.00	8.5	8.0	2.15	4.0	184	8.16	0.540
09 05 78 2117			.3		276	449	7.10	11.5	12.0	0.95	0.0	221	8.33	0.650
19 06 78 2126			.3		367	515	12.00	13.0	13.0	2.35	0.0	249	8.32	0.860
24 07 78 2000			.3		308	510	4.50	16.5	17.5	1.85	0.0	238	8.39	0.200
21 08 78 1935			.3		263	515	1.50	19.5	18.0	1.85	0.0	233	8.30	0.180
12 09 78 0945			.3		288	525	4.00	24.0	20.5	1.85	15.4	232	8.29	0.240
11 10 78 0945			.3		402	555	2.30	14.0	34.5	2.05	0.0	251	8.36	0.220
31 10 78 0930			.3		449	559	1.20	14.5	35.0	2.28	0.0	257	8.31	0.160
05 12 78 0920			.3		256	435	2.40	12.5	23.5	2.40	8.0	187	8.14	0.400
MAXIMUM					449	559	26.00	24.0	35.0	2.40	15.4	263	8.39	0.860
AVG OR GEOM MN (*)					312	507	6.76	14.0	18.8	2.04	3.2	234	8.28	0.355
MINIMUM					236	435	1.20	8.5	8.0	0.95	0.0	184	8.14	0.160
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
18 01 78 0815			.3			284.0	78.50	21.50	30	1.50	4.30	21
13 02 78 1340			.3		1.0L	298.0	70.50	23.40	30	1.50	5.50	25
05 04 78 0900			.3		1.0	203.0	54.00	16.40	20	2.00	4.40	18
09 05 78 2117			.3		1.0L	236.0	63.00	19.00	60	1.80	5.70	39
19 06 78 2126			.3		1.0	270.0	72.50	21.60	70	2.15	7.20	36
24 07 78 2000			.3		1.0L	265.0	63.50	25.80	20	2.10	9.00	8
21 08 78 1935			.3		1.0L	231.0	50.50	25.40	20	2.20	10.30	15
12 09 78 0945			.3		1.0L	255.0	63.50	23.40	23	2.05	12.90	18
11 10 78 0945			.3		1.0L	290.0	76.50	24.00	49	2.05	7.50	30
31 10 78 0930			.3		1.0L	302.0	80.00	24.80	45	2.10	7.60	30
05 12 78 0920			.3		1.0L	221.0	59.00	17.80	49	1.85	6.30	
MAXIMUM					1.0	302.0	80.00	25.80	70	2.20	12.90	39
AVG OR GEOM MN (*)					1.0D	259.5	66.50	22.10	38	1.94	7.34	24
MINIMUM					1.0	203.0	50.50	16.40	20	1.50	4.30	8
NO OF SAMPLES					10	11	11	11	11	11	11	10

B.O.W./ SITE: POTTAWATOMI RIVER
SAMPLE POINT: AT EDDIE SARGENT PKWY OWEN SOUND
STATION TYPE: RIVER FLOW GAUGE MOE 02FB102

STATION ID: 03-0015-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: POTTAWATOMI RIVER

STORET CODE: 02
002
2040

STN NO: 3 LAT: LONG: U T M: 17 0503050.0 4935600.0 4 REGION: 01 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 06 78 2116			.3		40502	6 9	7100.	2600.	248.	4. L	19.9	8.8	1.5	0.073
24 07 78 2014			.3		40525	6 9	3900.	190.	60.	8.	21.8	9.0	1.0	0.039
21 08 78 1945			.3		40548	6 9	1500.	40.	12.	4. L	21.0	10.1	0.7	0.027
MAXIMUM							7100.	2600.	248.	8.	21.8	10.1	1.5	0.073
AVG OR GEOM MN (*)							3463.*	270.*	56.*	5.* D	20.9	9.3	1.1	0.046
MINIMUM							1500.	40.	12.	4.	19.9	8.8	0.7	0.027
NO OF SAMPLES							3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 06 78 2116			.3		0.009	0.045	0.970	0.011	0.390	0.446	0.925	1.371	400.0	29.0
24 07 78 2014			.3		0.011	0.045	0.575	0.011	0.540	0.596	0.530	1.126	358.0	18.0
21 08 78 1945			.3		0.004	0.035	0.435	0.007	0.590	0.632	0.400	1.032	308.0	12.0
MAXIMUM					0.011	0.045	0.970	0.011	0.590	0.632	0.925	1.371	400.0	29.0
AVG OR GEOM MN (*)					0.008	0.042	0.660	0.010	0.507	0.558	0.618	1.176	355.3	19.7
MINIMUM					0.004	0.035	0.435	0.007	0.390	0.446	0.400	1.032	308.0	12.0
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
19 06 78 2116			.3		371	498	17.00	14.0	8.47
24 07 78 2014			.3		340	530	10.00	22.5	8.37
21 08 78 1945			.3		296	540	6.90	26.5	8.28
MAXIMUM					371	540	17.00	26.5	8.47
AVG OR GEOM MN (*)					336	523	11.30	21.0	8.37
MINIMUM					296	498	6.90	14.0	8.28
NO OF SAMPLES					3	3	3	3	3

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT 10TH STREET WEST CITY OF OWEN SOUND
STATION TYPE: RIVER

STATION ID: 03-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
002
2050

STN NO: 1 LAT: LONG: U T M: 17 0504400.0 4934750.0 4 REGION: 01 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
05 04 78 0815			.3		40454	6	620.	120.	56.	8.	1.0	16.2	0.8	0.016
09 05 78 2135			.3		40482	3	2600. G	72.	164.	4. L	11.4	9.6	1.0	0.022
19 06 78 2100			.3		40503	6 9	3500.	344.	216.	4. L	14.9	8.8	0.6	0.024
24 07 78 2024			.3		40526	6 9	5300.	250.	60.	4.	19.8	8.6	0.7	0.028
21 08 78 2000			.3		40549	6 9	280.	12.	12.	4. L	20.8	8.9	0.7	0.018
12 09 78 1025			.3		40572	6	5200.	152.	84.	12.	16.5	9.0	0.7	0.021
11 10 78 0845			.3		40592	9 6	2200.	48.	44.	4. L	10.2	10.6	0.9	0.009
31 10 78 0900			.3		40609	9 6	5700.	600. G	324.	8.	7.5	10.9	1.2	0.016
05 12 78 0900			.3		40629	6	1250.	100.	430.	4. L	0.2	14.8	0.8	0.017
MAXIMUM							5700.	600.	430.	12.	20.8	16.2	1.2	0.028
AVG OR GEOM MN (*)							2065.* U	116.* U	97.*	5.* D	11.4	10.8	0.8	0.019
MINIMUM							280.	12.	12.	4.	0.2	8.6	0.6	0.009
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
05 04 78 0815			.3		0.005	0.015	0.330	0.009	0.790	0.814	0.315	1.129	196.0	6.0
09 05 78 2135			.3		0.002	0.015	0.370	0.006	0.600	0.621	0.355	0.976	284.0	11.5
19 06 78 2100			.3		0.007	0.055	0.430	0.009	0.460	0.524	0.375	0.899	324.0	14.0
24 07 78 2024			.3		0.009	0.040	0.380	0.007	0.360	0.407	0.340	0.747	252.0	10.0
21 08 78 2000			.3		0.003	0.035	0.305	0.005	0.300	0.340	0.270	0.610	160.0	3.0
12 09 78 1025			.3		0.005	0.060	0.375	0.009	0.510	0.579	0.315	0.894	268.0	7.0
11 10 78 0845			.3		0.001	0.015	0.240	0.004	0.210	0.229	0.225	0.454	148.0	1.5
31 10 78 0900			.3		0.006	0.020	0.410	0.005	0.280	0.305	0.390	0.695	354.0	1.0
05 12 78 0900			.3		0.004	0.020	0.390	0.004	1.000	1.024	0.370	1.394	292.0	3.0
MAXIMUM					0.009	0.060	0.430	0.009	1.000	1.024	0.390	1.394	354.0	14.0
AVG OR GEOM MN (*)					0.005	0.031	0.359	0.006	0.501	0.538	0.328	0.866	253.1	6.3
MINIMUM					0.001	0.015	0.240	0.004	0.210	0.229	0.225	0.454	148.0	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
05 04 78 0815			.3		190		446	3.80	9.0	8.26
09 05 78 2135			.3		272		476	4.70	10.0	8.52
19 06 78 2100			.3		310		469	5.00	11.0	8.36
24 07 78 2024			.3			259	399	4.70	9.5	8.28
21 08 78 2000			.3			223	336	2.50	8.5	8.21
12 09 78 1025			.3		261		499	5.20	13.5	7.34
11 10 78 0845			.3			168	256	1.00	6.5	8.31
31 10 78 0900			.3		353		518	1.50	11.5	8.26
05 12 78 0900			.3		289		495	4.80	18.5	8.24
MAXIMUM					353	259	518	5.20	18.5	8.52
AVG OR GEOM MN (*)					279	217	433	3.69	10.9	8.20
MINIMUM					190	168	256	1.00	6.5	7.34
NO OF SAMPLES					6	3	9	9	9	9

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT CONCESSION 18 ABOVE INGLIS FALLS
STATION TYPE: RIVER   FLOW GAUGE FED 02FB007

STATION ID: 03-0016-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
002
2050

STN NO: 3 LAT: LONG: U T M: 17 0505450.0 4929700.0 4 REGION: 01 MILEAGE: 4.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
17 01 78 0820			.3		40400	6	89.00	44.	4. L	4.	4. L	0.0	10.4	1.0
13 02 78 1630			.3		40426	4	53.00	28.	4. L	4.	4. L	0.0	8.6	0.2
06 03 78 1625			.3		40436	4	41.70	48.	4. L	4. L	4. L	0.2	11.6	0.8
04 04 78 1600			.3		40450	6	501.00	64.	4.	20.	4. L	1.0	12.7	0.4
09 05 78 1715			.3		40474	3	99.90	250.	24.	32.	4. L	13.0	9.3	1.0
20 06 78 0825			.3		40504	6	65.70	1900.	252.	196.	4. L	16.9	5.0	1.1
25 07 78 0842			.3		40527	6	25.60	1600.	160.	170.	4. L	18.6	8.0	0.9
22 08 78 0905			.3		40550	6 8	23.30	3100.	52.	4.	4. L	17.8	8.6	0.8
12 09 78 1105			.3		40573	6 8	33.50	3100.	120.	180.	4. L	15.0	10.2	0.6
11 10 78 1015			.3		40593	6	56.40					10.5	8.0	1.0
31 10 78 1030			.3		40613	6	67.10	10. L	4. L	40.	4. L	7.5	9.0	0.8
05 12 78 1035			.3		40633	6	134.00	1700.	40.	600. G	4. L	0.2	12.2	1.2
MAXIMUM							501.00	3100.	252.	600.	4.	18.6	12.7	1.2
AVG OR GEOM MN (*)							99.18	266.* D	20.* D	31.* E	4.* D	8.4	9.5	0.8
MINIMUM							23.30	10.	4.	4.	4.	0.0	5.0	0.2
NO OF SAMPLES							12	11	11	11	11	12	12	12

(C O N T D)

STATION ID: 03-0016-003-02

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT CONCESSION 18 ABOVE INGLIS FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02FB007

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
002
2050

STN NO: 3 LAT: LONG: U T M: 17 0505450.0 4929700.0 4 REGION: 01 MILEAGE: 4.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
17 01 78 0820			.3		0.014	0.009	0.015	0.330	0.006	0.740	0.761	0.315	1.076	278.0
13 02 78 1630			.3		0.012	0.003	0.025	0.265	0.009	0.740	0.774	0.240	1.014	296.0
06 03 78 1625			.3		0.011	0.008	0.015	0.290	0.006	0.850	0.871	0.275	1.146	252.0
04 04 78 1600			.3		0.018	0.005	0.020	0.355	0.011	0.780	0.811	0.335	1.146	206.0
09 05 78 1715			.3		0.017	0.002	0.005	0.310	0.007	0.500	0.512	0.305	0.817	262.0
20 06 78 0825			.3		0.036	0.009	0.025	0.610	0.013	0.280	0.318	0.585	0.903	296.0
25 07 78 0842			.3		0.031	0.007	0.015	0.435	0.008	0.370	0.393	0.420	0.813	306.0
22 08 78 0905			.3		0.038	0.005	0.005	0.435	0.007	0.390	0.402	0.430	0.832	276.0
12 09 78 1105			.3		0.021	0.005	0.015	0.350	0.009	0.420	0.444	0.335	0.779	278.0
11 10 78 1015			.3		0.018	0.006	0.005	0.425	0.006	0.300	0.311	0.420	0.731	362.0
31 10 78 1030			.3		0.017	0.007	0.015	0.410	0.005	0.300	0.320	0.395	0.715	346.0
05 12 78 1035			.3		0.024	0.005	0.015	0.450	0.005	1.060	1.080	0.435	1.515	262.0
MAXIMUM					0.038	0.009	0.025	0.610	0.013	1.060	1.080	0.585	1.515	362.0
AVG OR GEOM MN (*)					0.021	0.006	0.015	0.389	0.008	0.561	0.583	0.374	0.957	285.0
MINIMUM					0.011	0.002	0.005	0.265	0.005	0.280	0.311	0.240	0.715	206.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 0820			.3		1.0	277	505	1.40	7.5	14.0	2.35	14.0	264	7.67
13 02 78 1630			.3		1.0	295	520	1.10	7.5	11.5	2.50	9.0	252	7.69
06 03 78 1625			.3		3.0	249	520	1.60	8.0	12.0	2.05	3.0	268	7.86
04 04 78 1600			.3		0.5	206	441	2.50	6.5	9.0	2.00	5.0	192	7.81
09 05 78 1715			.3		6.5	255	464	1.20	7.5	11.5	0.85	11.0	235	8.04
20 06 78 0825			.3		15.5	281	473	3.40	7.0	12.5	3.10	17.0	234	7.76
25 07 78 0842			.3		13.0	293	510	3.60	8.5	13.0	2.25	16.1	254	8.15
22 08 78 0905			.3		15.0	261	505	1.80	8.5	13.0	2.25	17.0	252	7.96
12 09 78 1105			.3		3.0	275	485	2.10	9.0		2.55	17.1	242	8.10
11 10 78 1015			.3		6.0	356	542	1.00	8.5	18.5	3.25	25.6	226	7.27
31 10 78 1030			.3		2.0	344	515	0.85	9.0	20.0	3.08	13.9	252	7.88
05 12 78 1035			.3		5.0	257	445	4.00	9.5	17.0	2.52	14.0	211	7.84
MAXIMUM					15.5	356	542	4.00	9.5	20.0	3.25	25.6	268	8.15
AVG OR GEOM MN (*)					6.0	279	494	2.05	8.1	13.8	2.40	13.6	240	7.84
MINIMUM					0.5	206	441	0.85	6.5	9.0	0.85	3.0	192	7.27
NO OF SAMPLES					12	12	12	12	12	11	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	225 TOTAL COPPER MG/L
17 01 78 0820			.3		0.130	1.0L	280.0	71.00	23.00	5	1.10	3.80	10	0.010L
13 02 78 1630			.3		0.110	1.0L	282.0	67.00	26.40	10	1.10	4.40	14	0.010L
06 03 78 1625			.3		0.160	1.0L	280.0	69.00	26.20	10	1.20	4.50	4	0.010L
04 04 78 1600			.3		0.140	1.0	203.0	51.50	18.00	15	1.40	3.60	12	0.020
09 05 78 1715			.3		0.130	1.0L	256.0	61.00	25.00	20	1.20	4.10	16	0.010L
20 06 78 0825			.3		0.350	1.5	251.0	63.00	22.60	40	1.15	4.40	22	0.010L
25 07 78 0842			.3		0.240	1.0L	274.0	64.50	27.40	15	1.05	4.80	9	0.01 L
22 08 78 0905			.3		0.310	1.0L	263.0	61.50	26.40	24	1.15	5.50	17	
12 09 78 1105			.3		0.170	1.0L	260.0	61.00	26.00	23	1.30	4.80	16	
11 10 78 1015			.3		0.210	1.0	270.0	67.00	24.80	36	1.40	5.00	17	0.010L
31 10 78 1030			.3		0.180	1.0L	276.0	68.00	25.80	31	1.45	4.90	23	0.040
05 12 78 1035			.3		0.270	1.0L	232.0	58.50	20.80	32	1.30	4.90		0.020L
MAXIMUM					0.350	1.5	282.0	71.00	27.40	40	1.45	5.50	23	0.040
AVG OR GEOM MN (*)					0.200	1.0D	260.6	63.58	24.37	22	1.23	4.56	15	0.015D
MINIMUM					0.110	1.0	203.0	51.50	18.00	5	1.05	3.60	4	0.010
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
17 01 78 0820			.3		0.010L	0.020L
13 02 78 1630			.3		0.010L	0.020L
06 03 78 1625			.3		0.010L	0.020L
04 04 78 1600			.3		0.010L	0.020L
09 05 78 1715			.3		0.010L	0.020L
20 06 78 0825			.3		0.010L	0.020L
25 07 78 0842			.3		0.01 L	0.02 L
11 10 78 1015			.3		0.010L	0.020L
31 10 78 1030			.3		0.050	0.020L
05 12 78 1035			.3		0.010L	0.020L
MAXIMUM					0.050	0.020
AVG OR GEOM MN (*)					0.014D	0.020D
MINIMUM					0.010	0.020
NO OF SAMPLES					10	10

B.O.W./ SITE: SPEY RIVER
SAMPLE POINT: AT HIGHWAYS 6 AND 10 NORTH OF CHATSWORTH
STATION TYPE: RIVER

STATION ID: 03-0016-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
002
2050

STN NO: 4   LAT: LONG: U T M: 17 0507500.0 4923650.0 4   REGION: 01   MILEAGE: 9.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 0850			.3		40401	4	80.	4. L	4.	4. L	0.0	12.6	0.6	0.008
06 03 78 1610			.3		40435	4	32.	4.	4. L	4. L	1.5	15.4	1.2	0.008
04 04 78 1540			.3		40449	6 3	270.	12.	4.	4. L	1.2	13.8	0.3	0.010
09 05 78 1703			.3		40473	3	960.	16.	40.	4. L	13.0	9.4	0.9	0.015
20 06 78 0844			.3		40505	6	1500.	192.	252.	4. L	15.2	7.2	0.9	0.024
25 07 78 0922			.3		40528	6	800.	200.	180.	4. L	17.6	7.9	0.7	0.016
22 08 78 0940			.3		40551	6	1300.	188.	276.	4. L	16.2	8.1	0.5	0.015
12 09 78 1150			.3		40574	6	860.	152.	216.	4. L	16.6	10.2	0.6	0.014
11 10 78 1045			.3		40594	6					10.2	9.4	0.8	0.006
31 10 78 1010			.3		40612	6	90.	10. L	10.	4. L	7.0	10.1	0.8	0.007
05 12 78 1020			.3		40632	6	380.	40.	64.	4. L	0.2	12.6	0.6	0.009
MAXIMUM							1500.	200.	276.	4.	17.6	15.4	1.2	0.024
AVG OR GEOM MN (*)							353.*	33.* D	37.* D	4.* D	9.0	10.6	0.7	0.012
MINIMUM							32.	4.	4.	4.	0.0	7.2	0.3	0.006
NO OF SAMPLES							10	10	10	10	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 0850			.3		0.004	0.010	0.245	0.003	0.470	0.483	0.235	0.718	240.0	2.5
06 03 78 1610			.3		0.003	0.015	0.250	0.003	0.610	0.628	0.235	0.863	234.0	4.0
04 04 78 1540			.3		0.005	0.020	0.230	0.005	0.320	0.345	0.210	0.555	202.0	1.0
09 05 78 1703			.3		0.002	0.020	0.325	0.003	0.190	0.213	0.305	0.518	246.0	4.0
20 06 78 0844			.3		0.003	0.015	0.500	0.006	0.180	0.201	0.485	0.686	314.0	12.5
25 07 78 0922			.3		0.006	0.010	0.330	0.006	0.400	0.416	0.320	0.736	298.0	5.0
22 08 78 0940			.3		0.012	0.010	0.345	0.005	0.580	0.595	0.335	0.930	272.0	2.5
12 09 78 1150			.3		0.003	0.005L	0.400	0.005	0.420	0.430	0.395	0.825	262.0	5.0
11 10 78 1045			.3		0.001	0.005L	0.380	0.003	0.200	0.208	0.375	0.583	332.0	2.5
31 10 78 1010			.3		0.006	0.005	0.315	0.003	0.250	0.258	0.310	0.568	310.0	0.5
05 12 78 1020			.3		0.001	0.005	0.305	0.002	0.330	0.337	0.300	0.637	270.0	1.0
MAXIMUM					0.012	0.020	0.500	0.006	0.610	0.628	0.485	0.930	332.0	12.5
AVG OR GEOM MN (*)					0.004	0.011D	0.330	0.004	0.359	0.374	0.319	0.693	270.9	3.7
MINIMUM					0.001	0.005	0.230	0.002	0.180	0.201	0.210	0.518	202.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
17 01 78 0850			.3		238	477	1.10	8.5	7.90
06 03 78 1610			.3		230	540	1.10	8.5	8.10
04 04 78 1540			.3		201	465	1.10	10.5	8.05
09 05 78 1703			.3		242	432	0.95	11.0	8.25
20 06 78 0844			.3		302	458	2.20	7.5	8.04
25 07 78 0922			.3		293	505	1.00	8.5	8.09
22 08 78 0940			.3		269	494	1.30	8.0	8.00
12 09 78 1150			.3		257	470	1.80	10.0	8.12
11 10 78 1045			.3		329	472	0.65	8.0	8.11
31 10 78 1010			.3		309	469	0.55	9.0	7.99
05 12 78 1020			.3		269	446	1.00	10.0	7.92
MAXIMUM					329	540	2.20	11.0	8.25
AVG OR GEOM MN (*)					267	475	1.16	9.0	8.05
MINIMUM					201	432	0.55	7.5	7.90
NO OF SAMPLES					11	11	11	11	11

B.O.W./ SITE: TELFER CREEK
SAMPLE POINT: AT THOMPSON MEMORIAL FOOTBRIDGE LEITH
STATION TYPE: RIVER   FLOW GAUGE MOE 02FB101

STATION ID: 03-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: TELFER CREEK

STORET CODE: 02
002
2060

STN NO: 2   LAT: LONG: U T M: 17 0509900.0 4940875.0 4   REGION: 01   MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1330			.3		40408	6	76.	8.	88.	4. L	0.0	14.3	0.8	0.010
13 02 78 1215			.3		40420	4	1200.	12.	104.	4. L	0.5	11.7	0.3	0.014
06 03 78 1530			.3		40434	4	260.	8.	24.	4. L	0.3	15.9	1.1	0.013
04 04 78 1510			.3		40448	6	190.	24.	340.	4. L	3.0	14.7	0.3	0.036
09 05 78 1612			.3		40472	3	950.	4.	36.	4. L	12.5	10.0	1.0	0.021
19 06 78 1610			.3		40496	6	760.	524.	128.	4. L	22.4	8.5	0.8	0.024
24 07 78 1527			.3		40519	6	600.	60.	100.	4. L	24.8	10.4	0.8	0.145
21 08 78 1515			.3		40542	6	3700.	64.	28.	4. L	22.8	11.0	0.6	0.016
11 09 78 1730			.3		40565	6	440.	36.	8.	4. L	20.5	11.0	0.4	0.013
10 10 78 1530			.3		40585	6					13.0	13.0	1.0	0.010
30 10 78 1500			.3		40605	6	190.	4. L	4. L	4. L	7.8	12.3	0.9	0.010
04 12 78 1515			.3		40625	6	3200.	52.	600. G	12.	0.5	14.6	1.4	0.091
MAXIMUM							3700.	524.	600.	12.	24.8	15.9	1.4	0.145
AVG OR GEOM MN (*)							567.*	23.* D	56.* E	4.* D	10.7	12.3	0.8	0.034
MINIMUM							76.	4.	4.	4.	0.0	8.5	0.3	0.010
NO OF SAMPLES							11	11	11	11	12	12	12	12

(C O N T D)

STATION ID: 03-0017-002-02

B.O.W./ SITE: TELFER CREEK
SAMPLE POINT: AT THOMPSON MEMORIAL FOOTBRIDGE LEITH
STATION TYPE: RIVER   FLOW GAUGE MOE 02FB101

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: TELFER CREEK

STORET CODE: 02
002
2060

STN NO: 2   LAT: LONG: U T M: 17 0509900.0 4940875.0 4   REGION: 01   MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1330			.3		0.003	0.025	0.250	0.003	1.300	1.328	0.225	1.553	300.0	1.5
13 02 78 1215			.3		0.009	0.055	0.260	0.008	1.130	1.193	0.205	1.398	306.0	1.0
06 03 78 1530			.3		0.011	0.030	0.255	0.009	1.140	1.179	0.225	1.404	270.0	3.0
04 04 78 1510			.3		0.011	0.035	0.300	0.008	1.300	1.343	0.265	1.608	314.0	19.0
09 05 78 1612			.3		0.004	0.025	0.330	0.007	0.900	0.932	0.305	1.237	278.0	11.5
19 06 78 1610			.3		0.007	0.045	0.455	0.013	0.560	0.618	0.410	1.028	340.0	15.5
24 07 78 1527			.3		0.007	0.010	0.405	0.005	0.140	0.155	0.395	0.550	252.0	20.0
21 08 78 1515			.3		0.011	0.010	0.330	0.005	0.140	0.155	0.320	0.475	236.0	5.0
11 09 78 1730			.3		0.003	0.015	0.265	0.003	0.150	0.168	0.250	0.418	146.0	4.0
10 10 78 1530			.3		0.004	0.010	0.335	0.005	0.380	0.395	0.325	0.720	366.0	2.0
30 10 78 1500			.3		0.005	0.005	0.325	0.004	0.290	0.299	0.320	0.619	392.0	3.0
04 12 78 1515			.3		0.012	0.025	0.620	0.007	1.110	1.142	0.595	1.737	308.0	44.0
MAXIMUM					0.012	0.055	0.620	0.013	1.300	1.343	0.595	1.737	392.0	44.0
AVG OR GEOM MN (*)					0.007	0.024	0.344	0.006	0.712	0.742	0.320	1.062	292.3	10.8
MINIMUM					0.003	0.005	0.250	0.003	0.140	0.155	0.205	0.418	146.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1330			.3		299		550	1.60	8.5	14.5	1.70	4.0	278	8.12
13 02 78 1215			.3		305		550	1.30	8.5	14.5	1.80	5.0	265	8.17
06 03 78 1530			.3		267		575	3.30	10.5	15.0	1.85	5.0	289	8.15
04 04 78 1510			.3		295		530	11.00	10.5	12.0	1.75	0.0	225	8.34
09 05 78 1612			.3		267		462	2.70	8.5	14.0	0.70	0.0	234	8.46
19 06 78 1610			.3		325		488	4.40	11.0	12.5	1.85	0.0	243	8.39
24 07 78 1527			.3		232		415	3.40	9.0	15.0	1.45	0.0	201	8.49
21 08 78 1515			.3		231		437	4.00	14.0	17.0	1.30	0.0	201	8.45
11 09 78 1730			.3			219	337	0.50	9.5	16.0	1.05	0.0	156	8.33
10 10 78 1530			.3		364		561	0.90	14.0	26.0	1.10	22.2	219	7.46
30 10 78 1500			.3		389		559	0.95	17.5	35.0	1.58	0.0	253	8.42
04 12 78 1515			.3		264		461	13.00	16.0	23.0	1.96	8.0	200	8.14
MAXIMUM					389	219	575	13.00	17.5	35.0	1.96	22.2	289	8.49
AVG OR GEOM MN (*)					294	219	494	3.92	11.5	17.9	1.51	3.7	230	8.24
MINIMUM					231	219	337	0.50	8.5	12.0	0.70	0.0	156	7.46
NO OF SAMPLES					11	1	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
17 01 78 1330			.3		0.120		298.0	80.00	24.00	5	1.20	4.30	10
13 02 78 1215			.3		0.080	1.0L	300.0	73.50	25.40	5	1.30	4.80	18
06 03 78 1530			.3		0.160	1.0L	316.0	80.50	25.60	10	1.50	6.20	24
04 04 78 1510			.3		0.700		254.0	62.50	20.20	10	1.40	5.40	14
09 05 78 1612			.3		0.170		256.0	63.00	24.00	20	1.20	4.50	16
19 06 78 1610			.3		0.240		258.0	64.00	23.80	20	1.60	5.80	31
24 07 78 1527			.3		0.190		219.0	45.50	25.60	20	2.10	4.40	7
21 08 78 1515			.3		0.170		219.0	45.00	25.80	19	2.35	6.10	11
11 09 78 1730			.3		0.140		179.0	41.00	18.60	10	1.75	3.50	14
10 10 78 1530			.3		0.070		280.0	67.00	27.40	11	2.15	6.80	11
30 10 78 1500			.3		0.090		293.0	73.50	26.40	13	2.00	8.80	19
04 12 78 1515			.3		1.290		229.0	63.00	17.40	23	2.60	7.90	
MAXIMUM					1.290	1.0	316.0	80.50	27.40	23	2.60	8.80	31
AVG OR GEOM MN (*)					0.285	1.0D	258.4	63.21	23.68	14	1.76	5.71	16
MINIMUM					0.070	1.0	179.0	41.00	17.40	5	1.20	3.50	7
NO OF SAMPLES					12	2	12	12	12	12	12	12	11

STATION ID: 03-0027-001-02

B.O.W./ SITE: ORCHARD CREEK
SAMPLE POINT: AT GRANDVIEW DRIVE, MEAFORD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ORCHARD CREEK

STORET CODE: 02
002
2160

STN NO: 1   LAT: LONG: U T M: 17 0530800.0 4941000.0 4   REGION: 01

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1225			.3		40406	4	180.	4.	8.	4. L	0.0	15.4	1.1	0.012
13 02 78 1120			.3		40419	4	72.	8.	480.	4. L	0.0	15.4	0.2	0.026
06 03 78 1445			.3		40433	4	100.	8.	12.	4. L	0.5	16.5	0.8	0.009
04 04 78 1410			.3		40446	6	96.	12.	24.	4. L	2.0	14.7	0.1	0.022
09 05 78 1515			.3		40470	3	360.	36.	64.	4. L	14.2	9.4	0.9	0.028
19 06 78 1515			.3		40494	5	1200.	36.	88.	4. L	23.1	8.4	0.8	0.012
24 07 78 1432			.3		40517	5	1900.	360.	510.	4. L	21.0	9.0	0.6	0.015
21 08 78 1425			.3		40540	5	7700.	24.	220.	4. L	17.8	10.3	0.3	0.012
11 09 78 1620			.3		40563	6	10.	4. L	72.	4. L	20.0	10.2	0.4	0.017
MAXIMUM							7700.	360.	510.	4.	23.1	16.5	1.1	0.028
AVG OR GEOM MN (*)							271.*	17.* D	72.*	4.* D	11.0	12.1	0.6	0.017
MINIMUM							10.	4.	8.	4.	0.0	8.4	0.1	0.009
NO OF SAMPLES							9	9	9	9	9	9	9	9

(C O N T D)

```
                                       34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET      MTRS       P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

17 01 78 1225              .3        0.006      0.025      0.240      0.003      0.630      0.658      0.215      0.873      260.0        2.5
13 02 78 1120              .3        0.018      0.035      0.215      0.005      0.620      0.660      0.180      0.840      280.0        1.0
06 03 78 1445              .3        0.003      0.005      0.220      0.003      0.630      0.638      0.215      0.853      246.0        3.0
04 04 78 1410              .3        0.007      0.020      0.250      0.006      0.930      0.956      0.230      1.186      216.0       13.5
09 05 78 1515              .3        0.007      0.020      0.340      0.006      0.360      0.386      0.320      0.706      266.0       22.0
19 06 78 1515              .3        0.002      0.020      0.325      0.005      0.100      0.125      0.305      0.430      300.0       16.0
24 07 78 1432              .3        0.007      0.005L     0.315      0.002      0.040      0.047      0.310      0.357      242.0        5.0
21 08 78 1425              .3        0.004      0.005      0.250      0.001      0.010L     0.016      0.245      0.261      212.0        7.0
11 09 78 1620              .3        0.003      0.005      0.285      0.003      0.070      0.078      0.280      0.358      172.0       10.0

                      MAXIMUM        0.018      0.035      0.340      0.006      0.930      0.956      0.320      1.186      300.0       22.0
          AVG OR GEOM MN (*)         0.006      0.016D     0.271      0.004      0.377D     0.396      0.256      0.652      243.8        8.9
                      MINIMUM        0.002      0.005      0.215      0.001      0.010      0.016      0.180      0.261      172.0        1.0

                NO OF SAMPLES            9          9          9          9          9          9          9          9          9          9

                                        7        107         14         16         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.   CALCUL        COND.      TURB.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH       SOLIDS   D-SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET      MTRS         MG/L   MG/L          UMHOS      UNITS

17 01 78 1225              .3          258                   490       5.80        7.0       8.28
13 02 78 1120              .3          279                   520       3.30        8.0       8.29
06 03 78 1445              .3          243                   555       4.50        8.0       8.28
04 04 78 1410              .3          203                   454      15.00        8.0       8.31
09 05 78 1515              .3          244                   430      11.00        7.5       8.60
19 06 78 1515              .3          284                   431       5.00        5.0       8.39
24 07 78 1432              .3                     244        376       3.70        6.0       8.46
21 08 78 1425              .3          205                   403       7.10       10.5       8.34
11 09 78 1620              .3                     201        309       4.50        6.0       8.39

                      MAXIMUM          284        244        555      15.00       10.5       8.60
          AVG OR GEOM MN (*)           245        222        441       6.66        7.3       8.37
                      MINIMUM          203        201        309       3.30        5.0       8.28

                NO OF SAMPLES            7          2          9          9          9          9
```

```
B.O.W./ SITE: BIGHEAD RIVER                                                                  STATION ID:  03-0030-002-02
SAMPLE POINT: AT CONCESSION ROAD 8 AND 9 SOUTH OF OXMEAD
STATION TYPE: RIVER                               MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                  MINOR BASIN: LAKE HURON                                               002
                                                  TERM STREAM: BIGHEAD RIVER                                            2190

STN NO:       2    LAT:              LONG:              U T M: 17 0527900.0 4935650.0 4    REGION: 01          MILEAGE:     7.90

                                      934        901         80         81         84         88        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD      TOTAL      FECAL      M.F.     PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO              COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD          P
               FEET      MTRS                          MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

17 01 78 1250              .3        40407   4               76.        24.        60.       4.  L       0.0       13.2        1.5      0.010
04 04 78 1430              .3        40447   6              250.        16.       124.       4.  L       1.0       14.2        0.3      0.045
09 05 78 1535              .3        40471   3              400.        40.       132.       4.  L      12.0        9.8        1.1      0.022



19 06 78 1534              .3        40495   6             1500.       532.       270.       4.  L      21.8        8.9        1.1      0.030
24 07 78 1450              .3        40518   6              400.        30.        10.       4.  L      23.4        9.4        0.8      0.062
21 08 78 1445              .3        40541   6             4300.        20.        12.       4.  L      21.8        9.9        0.6      0.017
11 09 78 1650              .3        40564   6             1400.        52.        36.       4.  L      21.0       11.2        0.5      0.018
10 10 78 1450              .3        40584   6                                                          12.5       12.0        0.9      0.016
30 10 78 1415              .3        40604   6              200.        44.        28.       4.  L       8.0       11.7        0.8      0.009
04 12 78 1445              .3        40624   6             4200.        72.       592.       4.          0.0       14.4        1.5      0.079

                      MAXIMUM                              4300.       532.       592.       4.         23.4       14.4        1.5      0.079
          AVG OR GEOM MN (*)                               658.*       45.*       64.*       4.* D      12.2       11.5        0.9      0.031
                      MINIMUM                                76.        16.        10.       4.          0.0        8.9        0.3      0.009

                NO OF SAMPLES                                  9          9          9          9         10         10         10         10

                                       34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET .    MTRS       P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

17 01 78 1250              .3        0.005      0.025      0.240      0.003      1.170      1.198      0.215      1.413      274.0        0.5
04 04 78 1430              .3        0.011      0.055      0.395      0.008      1.120      1.183      0.340      1.523      252.0       24.5
09 05 78 1535              .3        0.002      0.025      0.450      0.007      0.850      0.882      0.425      1.307      262.0        7.5
19 06 78 1534              .3        0.005      0.130      0.645      0.015      0.470      0.615      0.515      1.130      342.0       26.0
24 07 78 1450              .3        0.040      0.005      0.485      0.006      0.330      0.341      0.480      0.821      262.0       12.0
21 08 78 1445              .3        0.003      0.010      0.365      0.004      0.330      0.344      0.355      0.699      226.0        8.5
11 09 78 1650              .3        0.005      0.025      0.410      0.005      0.390      0.420      0.385      0.805      246.0        6.5
10 10 78 1450              .3        0.005      0.015      0.365      0.007      0.250      0.272      0.350      0.622      338.0        5.0
30 10 78 1415              .3        0.003      0.015      0.305      0.005      0.340      0.360      0.290      0.650      344.0        2.5
04 12 78 1445              .3        0.009      0.075      0.590      0.007      0.930      1.012      0.515      1.527      274.0       37.0

                      MAXIMUM        0.040      0.130      0.645      0.015      1.170      1.198      0.515      1.527      344.0       37.0
          AVG OR GEOM MN (*)         0.009      0.038      0.425      0.007      0.618      0.663      0.387      1.050      282.0       13.0
                      MINIMUM        0.002      0.005      0.240      0.003      0.250      0.272      0.215      0.622      226.0        0.5

                NO OF SAMPLES           10         10         10         10         10         10         10         10         10         10

                                        7         14         16         56         59        280         95         52         55        208
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.      COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL
DY MO YR LMT   DIST BRG DEPTH       SOLIDS        25C   FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
               FEET      MTRS         MG/L      UMHOS      UNITS                  MG/L  SI MG/L       MG/L       MG/L                  MG/L

17 01 78 1250              .3          274        505       1.70        4.0       12.0       2.10        6.0        261       8.06      0.140
04 04 78 1430              .3          228        476      11.00        5.0       10.5       1.90        1.0        214       8.19      0.710
09 05 78 1535              .3          255        439       4.00        4.5       13.0       1.10        3.0        288       8.29      0.260
19 06 78 1534              .3          316        442       7.50        3.5       10.0       2.65        6.0        229       8.29      0.320
24 07 78 1450              .3          250        428       5.60        3.5       13.0       2.45        0.0        220       8.36      0.290
21 08 78 1445              .3          218        431       2.40        3.5       13.0       2.35       14.4        222       8.28      0.220
11 09 78 1650              .3          239        429       3.70        4.5       13.0       1.95        0.0        221       8.37      0.220
10 10 78 1450              .3          333        476       1.00        5.5       17.0       2.00        0.0        242       8.33      0.160
30 10 78 1415              .3          341        484       1.80        5.5       17.0       2.20        4.0        252       8.25      0.120
04 12 78 1445              .3          237        430       5.30        5.5       16.5       2.20       10.0        212       8.04      1.100

                      MAXIMUM          341        505      11.00        5.5       17.0       2.65       14.4        288       8.37      1.100
          AVG OR GEOM MN (*)           269        454       4.40        4.5       13.5       2.09        4.4        236       8.25      0.354
                      MINIMUM          218        428       1.00        3.5       10.0       1.10        0.0        212       8.04      0.120

                NO OF SAMPLES           10         10         10         10         10         10         10         10         10         10
```

(C O N T D)

```
B.O.W./ SITE: BIGHEAD RIVER                                                                STATION ID:  03-0030-002-02
SAMPLE POINT: AT CONCESSION ROAD 8 AND 9 SOUTH OF OXMEAD
STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                            002
                                                       TERM STREAM: BIGHEAD RIVER                                         2190

STN NO:      2     LAT:                 LONG:               U T M: 17 0527900.0 4935650.0 4    REGION: 01             MILEAGE:    7.90

                                        25         76         72         74         68         67         66         41
SAMP DTE HOUR  STN   STN SAMP  PJ  PHENOLS     CALCUL      TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD
DY MO YR LMT   DIST  BRG DEPTH                HARDNESS    CALCIUM     NESIUM      HAZEN          K         NA
               FEET       MTRS        UG/L       MG/L       MG/L       MG/L      UNITS       MG/L       MG/L       MG/L

17 01 78 1250               .3                  282.0      73.50      23.00          5       1.10       1.80          8
04 04 78 1430               .3          1.0L    238.0      59.00      19.80         10       1.40       2.30         14
09 05 78 1535               .3                  248.0      60.50      23.60         20       1.40       2.00         12
19 06 78 1534               .3          1.0     241.0      60.00      22.00         30       1.30       2.00         13
24 07 78 1450               .3          1.0L    234.0      52.50      25.00         15       1.20       1.80          9
21 08 78 1445               .3          1.0L    233.0      53.50      24.20         28       1.15       2.50         15
11 09 78 1650               .3          1.0L    235.0      52.50      25.20         20       1.35       2.20         14
10 10 78 1450               .3          1.0L    259.0      63.50      24.40         22       1.60       3.00         17
30 10 78 1415               .3          1.0L    270.0      67.00      24.80         28       1.75       2.40         23
04 12 78 1445               .3          1.0L    227.0      59.50      19.00         27       2.35       2.20

                       MAXIMUM          1.0     282.0      73.50      25.20         30       2.35       3.00         23
            AVG OR GEOM MN (*)          1.0D    246.7      60.15      23.10         21       1.46       2.22         14
                       MINIMUM          1.0     227.0      52.50      19.00          5       1.10       1.80          8

                 NO OF SAMPLES            8         10         10         10         10         10         10          9


B.O.W./ SITE: BEAVER RIVER                                                                 STATION ID:  03-0036-002-02
SAMPLE POINT: AT RAILROAD BRIDGE THORNBURY
STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                            002
                                                       TERM STREAM: BEAVER RIVER                                          2250

STN NO:      2     LAT:                 LONG:               U T M: 17 0543590.0 4934300.0 4    REGION: 01             MILEAGE:    0.20

                                       934        901         80         81         84         88        805          3          1         33
SAMP DTE HOUR  STN   STN SAMP  PJ   SAMPLE        SCO      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST  BRG DEPTH          NO                COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD          P
               FEET       MTRS                            MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

17 01 78 1200               .3       40405          6       116.         4.         8.         4.  L      0.0       14.6        1.4      0.018
13 02 78 1050               .3       40418          6        52.         4.         4.         4.  L      1.0       14.5        0.4      0.013
06 03 78 1410               .3       40432          6       108.         4.  L     16.         4.  L      0.3       15.2        0.8      0.016
04 04 78 1340               .3       40445          6       108.         8.        24.         4.  L      1.4       15.6        0.2      0.025
09 05 78 1450               .3       40469          3       660.        52.        64.         4.  L     12.4        9.9        1.3      0.024
19 06 78 1448               .3       40493          6      1600.       216.       184.         4.  L     20.6        8.8        0.9      0.040
24 07 78 1405               .3       40516          6       300.        10.        40.         4.  L     22.0        8.4        0.9      0.039
21 08 78 1350               .3       40539          5      3600.        24.        12.         4.  L     19.8        8.9        0.8      0.030
11 09 78 1535               .3       40562          6      2700.        24.        20.         4.  L     19.5       10.0        0.3      0.025
10 10 78 1410               .3       40583          6                                                    11.7       10.9        0.6      0.015
30 10 78 1345               .3       40603          6       380.        40.        16.         4.  L      8.2       11.2        1.1      0.017
04 12 78 1410               .3       40623          6     11100.       136.       600.  G     44.         0.2       14.6        3.2      0.260




                       MAXIMUM                            11100.       216.       600.        44.        22.0       15.6        3.2      0.260
            AVG OR GEOM MN (*)                              529.*       20.*  D    29.*  U     5.*  D     9.8       11.9        1.0      0.044
                       MINIMUM                              52.         4.         4.         4.         0.0        8.4        0.2      0.013

                 NO OF SAMPLES                                11         11         11         11         12         12         12         12

                                        34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN   STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST  BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N          N    ORGNC N                SOLIDS     SOLIDS
               FEET       MTRS       P MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

17 01 78 1200               .3       0.004      0.025      0.290      0.004      0.850      0.879      0.265      1.144      272.0        6.0
13 02 78 1050               .3       0.003      0.020      0.235      0.006      0.920      0.946      0.215      1.161      270.0        7.0
06 03 78 1410               .3       0.005      0.010      0.240      0.007      1.080      1.097      0.230      1.327      248.0        4.0
04 04 78 1340               .3       0.005      0.025      0.295      0.007      0.930      0.962      0.270      1.232      188.0       10.5
09 05 78 1450               .3       0.002      0.010      0.345      0.005      0.580      0.595      0.335      0.930      238.0       13.0
19 06 78 1448               .3       0.007      0.050      0.440      0.009      0.340      0.399      0.390      0.789      306.0       30.5
24 07 78 1405               .3       0.013      0.030      0.545      0.016      0.340      0.386      0.515      0.901      262.0       14.0
21 08 78 1350               .3       0.004      0.010      0.450      0.003      0.110      0.123      0.440      0.563      218.0       12.0
11 09 78 1535               .3       0.003      0.025      0.360      0.005      0.190      0.220      0.335      0.555      226.0       10.5
10 10 78 1410               .3       0.004      0.005      0.345      0.003      0.110      0.118      0.340      0.458      302.0        4.0
30 10 78 1345               .3       0.003      0.005      0.375      0.003      0.200      0.208      0.370      0.578      292.0        3.0
04 12 78 1410               .3       0.020      0.010      0.625      0.011      1.070      1.091      0.615      1.706      418.0      200.0

                       MAXIMUM       0.020      0.050      0.625      0.016      1.080      1.097      0.615      1.706      418.0      200.0
            AVG OR GEOM MN (*)       0.006      0.019      0.379      0.007      0.560      0.585      0.360      0.945      270.0       26.2
                       MINIMUM       0.002      0.005      0.235      0.003      0.110      0.118      0.215      0.458      188.0        3.0

                 NO OF SAMPLES          12         12         12         12         12         12         12         12         12         12

                                         7        107         14         16         56         55
SAMP DTE HOUR  STN   STN SAMP  PJ     DISS.     CALCUL      COND.      TURB.   CHLORIDE         PH
DY MO YR LMT   DIST  BRG DEPTH       SOLIDS   D-SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET       MTRS         MG/L       MG/L      UMHOS      UNITS

17 01 78 1200               .3         266                   485       3.30        5.0       8.13
13 02 78 1050               .3         263                   500       2.80        5.5       8.00
06 03 78 1410               .3         244                   540       3.70        5.5       8.00
04 04 78 1340               .3         178                   447      11.00        5.5       8.20
09 05 78 1450               .3                    259        399       6.70        4.0       8.54
19 06 78 1448               .3         276                   402      13.00        4.5       8.36
24 07 78 1405               .3         248                   402      12.00        5.5       8.35
21 08 78 1350               .3                    246        378       7.40        4.5       8.28
11 09 78 1535               .3         215                   401       5.40        5.5       8.35
10 10 78 1410               .3         298                   433       2.30        5.5       8.33
30 10 78 1345               .3         289                   441       3.60        6.0       8.27
04 12 78 1410               .3                    234        360     130.00        6.5       8.04

                       MAXIMUM         298        259        540     130.00        6.5       8.54
            AVG OR GEOM MN (*)         253        246        432      16.77        5.3       8.24
                       MINIMUM         178        234        360       2.30        4.0       8.00

                 NO OF SAMPLES           9          3         12         12         12         12
```

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: AT NORTH CHANNEL NEAR KIMBERLY
STATION TYPE: RIVER

STATION ID: 03-0036-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 3 LAT: LONG: U T M: 17 0536750.0 4915500.0 4 REGION: 01 MILEAGE: 19.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1100			.3		40403	6	52.	4.	4.	4. L	0.0	15.4	0.6	0.038
13 02 78 1005			.3		40417	6	130.	4. L	4. L	4. L	1.0	15.4	0.3	0.008
06 03 78 1315			.3		40430	6	120.	4. L	4.	4. L	1.0	15.5	1.2	0.020
04 04 78 1300			.3		40443	6	84.	4. L	28.	4. L	3.5	14.0	0.6	0.012
09 05 78 1405			.3		40467	3	410.	8.	32.	4. L	10.8	10.2	1.2	0.033
19 06 78 1416			.3		40492	6	2800.	88.	56.	4. L	19.6	9.6	0.8	0.021
24 07 78 1335			.3		40515	6	1700.	450.	400.	4. L	19.8	10.4	0.7	0.071
21 08 78 1130			.3		40538	6	3300.	44.	24.	4. L	19.8	10.0	1.0	0.024
11 09 78 1455			.3		40561	6	4300.	196.	212.	12.	18.5	10.0	0.9	0.055
MAXIMUM							4300.	450.	400.	12.	19.8	15.5	1.2	0.071
AVG OR GEOM MN (*)							498.*	21.* D	27.* D	5.* D	10.4	12.3	0.8	0.031
MINIMUM							52.	4.	4.	4.	0.0	9.6	0.3	0.003
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1100			.3		0.003	0.030	0.300	0.004	1.080	1.114	0.270	1.384	246.0	1.0
13 02 78 1005			.3		0.005	0.025	0.250	0.009	1.100	1.134	0.225	1.359	252.0	10.0
06 03 78 1315			.3		0.006	0.005	0.280	0.009	1.260	1.274	0.275	1.549	246.0	11.0
04 04 78 1300			.3		0.003	0.035	0.265	0.007	0.830	0.872	0.230	1.102	252.0	4.5
09 05 78 1405			.3		0.003	0.015	0.360	0.005	0.720	0.740	0.345	1.085	252.0	18.5
19 06 78 1416			.3		0.001	0.020	0.430	0.005	0.320	0.345	0.410	0.755	276.0	18.0
24 07 78 1335			.3		0.007	0.005L	0.540	0.004	0.470	0.479	0.535	1.014	366.0	70.0
21 08 78 1130			.3		0.005	0.005	0.380	0.003	0.190	0.198	0.375	0.573	186.0	7.0
11 09 78 1455			.3		0.003	0.005	0.535	0.003	0.290	0.298	0.530	0.828	258.0	29.5
MAXIMUM					0.007	0.035	0.540	0.009	1.260	1.274	0.535	1.549	366.0	70.0
AVG OR GEOM MN (*)					0.004	0.016D	0.371	0.005	0.696	0.717	0.355	1.072	259.3	18.8
MINIMUM					0.001	0.005	0.250	0.003	0.190	0.198	0.225	0.573	186.0	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1100			.3		245		474	1.60	5.0	12.5	2.00	4.0	244	8.27
13 02 78 1005			.3		242		490	1.40	5.5	11.5	2.30	0.0	240	8.36
06 03 78 1315			.3		235		471	4.20	5.5	12.0	2.10	0.0	247	8.34
04 04 78 1300			.3		248		510	4.60	5.5	11.0	2.50	0.0	231	8.29
09 05 78 1405			.3		234		402	4.90	4.5	12.5	1.00	0.0	201	8.42
19 06 78 1416			.3		258		401	3.70	4.0	9.5	1.35	0.0	205	8.51
24 07 78 1335			.3		296		446	25.00	7.0	13.5	2.85	0.0	231	8.45
21 08 78 1130			.3			242	372	2.00	5.5	10.0	1.85	12.8	185	8.20
11 09 78 1455			.3			251	386	5.10	6.0	11.0	2.50	0.0	179	8.38
MAXIMUM					296	251	510	25.00	7.0	13.5	2.85	12.8	247	8.51
AVG OR GEOM MN (*)					251	246	439	5.83	5.4	11.5	2.05	1.9	218	8.36
MINIMUM					234	242	372	1.40	4.0	9.5	1.00	0.0	179	8.20
NO OF SAMPLES					7	2	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
17 01 78 1100			.3		0.100		272.0	66.00	23.00	5	1.10	2.30	8
13 02 78 1005			.3		0.130	1.0L	272.0	62.50	25.80	10	1.10	3.10	10
06 03 78 1315			.3		0.260	1.0L	270.0	62.50	24.20	10	1.10	2.50	6
04 04 78 1300			.3		0.300	1.0L	252.0	60.00	23.60	10	1.30	3.10	8
09 05 78 1405			.3		0.460	1.0L	215.0	52.50	20.40	20	1.10	2.20	14
19 06 78 1416			.3		0.300	1.0L	217.0	52.00	21.00	20	1.05	2.70	13
24 07 78 1335			.3		1.260	1.0L	238.0	53.50	25.40	10	1.20	4.30	13
21 08 78 1130			.3		0.170	1.0L	191.0	38.50	23.00	17	0.95	3.10	13
11 09 78 1455			.3		0.720	1.0L	208.0	44.00	23.80	19	1.15	3.00	22
MAXIMUM					1.260	1.0	272.0	66.00	25.80	20	1.30	4.30	22
AVG OR GEOM MN (*)					0.411	1.0D	237.2	54.61	23.36	13	1.12	2.92	12
MINIMUM					0.100	1.0	191.0	38.50	20.40	5	0.95	2.20	6
NO OF SAMPLES					9	8	9	9	9	9	9	9	9

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: AT SOUTH CHANNEL NEAR KIMBERLY
STATION TYPE: RIVER

STATION ID: 03-0036-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 4 LAT: LONG: U T M: 17 0536800.0 4915300.0 4 REGION: 01 MILEAGE: 19.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1110			.3		40404	6	88.	4.	4. L	4. L	0.0	15.6	0.7	0.012
13 02 78 1005			.3		40416	6	48.	4. L	4.	4. L	0.8	14.7	0.5	0.012
06 03 78 1330			.3		40431	6	44.	4. L	4. L	4. L	0.5	16.2	0.7	0.007
04 04 78 1310			.3		40444	6	56.	4. L	16.	4. L	3.8	14.1	0.4	0.013
09 05 78 1416			.3		40468	3	1700.	20.	56.	4. L	10.0	10.0	0.7	0.024
19 06 78 1404			.3		40491	6	3500.	252.	260.	4. L	18.1	9.1	0.9	0.061
24 07 78 1322			.3		40514	6	1400.	270.	210.	4. L	19.2	9.6	0.5	0.029
21 08 78 1146			.3		40537	6	3500.	104.	72.	4. L	17.8	9.6	0.6	0.017
11 09 78 1445			.3		40560	6	15200. G	600. G	600. G	4. L	18.0	10.2	0.9	0.040
MAXIMUM							15200.	600.	600.	4.	19.2	16.2	0.9	0.061
AVG OR GEOM MN (*)							550.* U	30.* E	37.* E	4.* D	9.8	12.1	0.7	0.024
MINIMUM							44.	4.	4.	4.	0.0	9.1	0.4	0.007
NO OF SAMPLES							9	9	9	9	9	9	9	9

(C O N T D)

STATION ID: 03-0036-004-02

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: AT SOUTH CHANNEL NEAR KIMBERLY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 4 LAT: LONG: U T M: 17 0536800.0 4915300.0 4 REGION: 01 MILEAGE: 19.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1110			.3		0.002	0.010	0.270	0.002	0.530	0.542	0.260	0.802	252.0	1.5
13 02 78 1005			.3		0.007	0.015	0.240	0.003	0.590	0.608	0.225	0.833	260.0	7.5
06 03 78 1330			.3		0.003	0.010	0.240	0.007	1.120	1.137	0.230	1.367	228.0	2.5
04 04 78 1310			.3		0.006	0.015	0.250	0.005	0.440	0.460	0.235	0.695	242.0	1.5
09 05 78 1416			.3		0.006	0.015	0.300	0.005	0.220	0.240	0.285	0.525	242.0	13.5
19 06 78 1404			.3		0.011	0.025	0.640	0.007	0.060	0.092	0.615	0.707	308.0	51.0
24 07 78 1322			.3		0.015	0.005L	0.530	0.004	0.080	0.089	0.525	0.614	282.0	17.0
21 08 78 1146			.3		0.003	0.005	0.400	0.003	0.110	0.118	0.395	0.513	216.0	10.0
11 09 78 1445			.3		0.003	0.005	0.440	0.003	0.430	0.438	0.435	0.873	274.0	26.0
MAXIMUM					0.015	0.025	0.640	0.007	1.120	1.137	0.615	1.367	308.0	51.0
AVG OR GEOM MN (*)					0.006	0.012D	0.368	0.004	0.398	0.414	0.356	0.770	256.0	14.5
MINIMUM					0.002	0.005	0.240	0.002	0.060	0.089	0.225	0.513	216.0	1.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1110			.3		251		454	3.00	3.0	12.0	2.30	0.0	239	8.37
13 02 78 1005			.3		252		470	1.90	2.5	11.5	2.50	0.0	236	8.40
06 03 78 1330			.3		225		474	2.00	5.0	11.5	2.05	0.0	250	8.32
04 04 78 1310			.3		241		425	4.00	4.0	11.0	2.55	0.0	221	8.35
09 05 78 1416			.3			243	374	7.30	7.0	12.0	0.70	0.0	185	8.41
19 06 78 1404			.3			248	382	27.00	1.5	8.0	2.10	0.0	208	8.49
24 07 78 1322			.3		265		416	11.00	1.5	15.5	3.80	0.0	227	8.54
21 08 78 1146			.3			254	391	4.30	3.0	10.0	2.75	0.0	200	8.34
11 09 78 1445			.3		248		423	4.70	7.5	15.5	2.75	0.0	214	8.39
MAXIMUM					265	254	474	27.00	7.5	15.5	3.80	0.0	250	8.54
AVG OR GEOM MN (*)					247	248	423	7.24	3.9	11.9	2.39	0.0	220	8.40
MINIMUM					225	243	374	1.90	1.5	8.0	0.70	0.0	185	8.32
NO OF SAMPLES					6	3	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
17 01 78 1110			.3		0.200		256.0	65.50	22.00	10	1.00	1.60	12
13 02 78 1005			.3		0.130	1.0L	264.0	61.00	24.00	10	0.90	2.00	10
06 03 78 1330			.3		0.140	1.0L	270.0	63.50	25.00	10	1.10	2.40	6
04 04 78 1310			.3		0.220	1.0L	242.0	58.00	21.40	15	1.00	2.30	16
09 05 78 1416			.3		0.450	1.0L	195.0	48.50	18.00	30	1.00	4.00	20
19 06 78 1404			.3		1.720	1.0	216.0	55.00	19.00	70	1.25	1.10	38
24 07 78 1322			.3		0.590	1.0L	238.0	58.00	22.60	60	1.00	1.00	19
21 08 78 1146			.3		0.320	1.0L	209.0	47.50	21.80	33	1.20	1.90	22
11 09 78 1445			.3		0.700	1.0L	227.0	49.50	25.00	21	1.15	3.80	20
MAXIMUM					1.720	1.0	270.0	65.50	25.00	70	1.25	4.00	38
AVG OR GEOM MN (*)					0.497	1.0D	235.2	56.28	22.09	29	1.07	2.23	18
MINIMUM					0.130	1.0	195.0	47.50	18.00	10	0.90	1.00	6
NO OF SAMPLES					9	8	9	9	9	9	9	9	9

STATION ID: 03-0036-005-02

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM HIGHWAY 10 FLESHERTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 5 LAT: LONG: U T M: 17 0536250.0 4902850.0 4 REGION: 01 MILEAGE: 27.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1030			.3		40402	6	1000.	12.	44.	4. L	0.0	14.2	0.8	0.014
13 02 78 0910			.3		40415	6	92.	8.	4.	4. L	1.0	14.4	0.6	0.014
06 03 78 1245			.3		40429	6	310.	56.	212.	4. L	1.2	15.3	1.4	0.007
04 04 78 1230			.3		40442	6	710.	64.	328.	4. L	2.8	14.2	0.7	0.021
09 05 78 1345			.3		40466	3	1120.	76.	176.	4. L	11.2	9.7	1.2	0.023
19 06 78 1150			.3		40487	6	1900.	260.	240.	4. L	18.2	8.5	0.9	0.029
24 07 78 1130			.3		40510	6	1000.	100.	70.	4. L	17.1	9.7	0.5	0.020
21 08 78 1210			.3		40533	5	1200.	32.	28.	4. L	15.8	10.1	0.4	0.008
11 09 78 1200			.3		40556	6 B	810.	12.	68.	4. L	16.0	10.8	0.4	0.015
10 10 78 1145			.3		40578	6	160.	4.	4. L	4. L	10.5	11.2	0.5	0.008
30 10 78 1100			.3		40598	6	230.	16.	16.	4. L	6.5	11.2	1.0	0.010
04 12 78 1145			.3		40618	6	1500.	100.	600. G	4. L	1.2	14.4	0.9	0.033
MAXIMUM							1900.	260.	600.	4.	18.2	15.3	1.4	0.033
AVG OR GEOM MN (*)							603.*	33.*	61.* E	4.* D	8.5	12.0	0.8	0.017
MINIMUM							92.	4.	4.	4.	0.0	8.5	0.4	0.007
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	1030			.3		0.004	0.050	0.360	0.005	0.640	0.695	0.310	1.005	262.0	3.5
13 02 78	0910			.3		0.003	0.035	0.280	0.007	0.720	0.762	0.245	1.007	276.0	1.5
06 03 78	1245			.3		0.004	0.005	0.220	0.005	0.840	0.850	0.215	1.065	268.0	1.0
04 04 78	1230			.3		0.005	0.065	0.365	0.011	0.580	0.656	0.300	0.956	248.0	3.5
09 05 78	1345			.3		0.002	0.010	0.330	0.004	0.370	0.384	0.320	0.704	258.0	11.5
19 06 78	1150			.3		0.007	0.015	0.420	0.007	0.300	0.322	0.405	0.727		
24 07 78	1130			.3		0.008	0.005	0.265	0.004	0.480	0.489	0.260	0.749	284.0	4.0
21 08 78	1210			.3		0.004	0.005L	0.260	0.002	0.490	0.497	0.255	0.752	268.0	3.0
11 09 78	1200			.3		0.011	0.005	0.265	0.003	0.450	0.458	0.260	0.718	266.0	6.5
10 10 78	1145			.3		0.007	0.015	0.245	0.003	0.370	0.388	0.230	0.618	332.0	1.0
30 10 78	1100			.3		0.004	0.005	0.235	0.003	0.460	0.468	0.230	0.698	298.0	0.5
04 12 78	1145			.3		0.005	0.025	0.335	0.003	0.550	0.578	0.310	0.888	280.0	9.0
MAXIMUM						0.011	0.065	0.420	0.011	0.840	0.850	0.405	1.065	332.0	11.5
AVG OR GEOM MN (*)						0.005	0.0200	0.298	0.005	0.521	0.546	0.278	0.824	276.4	4.1
MINIMUM						0.002	0.005	0.220	0.002	0.300	0.322	0.215	0.618	248.0	0.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
17 01 78	1030			.3		259	492	2.80	13.0	8.21
13 02 78	0910			.3		275	510	0.70	13.5	8.11
06 03 78	1245			.3		267	545	1.10	15.0	8.33
04 04 78	1230			.3		245	515	2.70	13.5	8.34
09 05 78	1345			.3		246	432	2.30	11.0	8.44
19 06 78	1150			.3			431	3.10	12.0	8.11
24 07 78	1130			.3		280	500	3.50	18.0	8.37
21 08 78	1210			.3		265	492	1.90	18.0	7.94
11 09 78	1200			.3		259	478	2.10	17.0	8.40
10 10 78	1145			.3		331	476	0.65	3.0	8.39
30 10 78	1100			.3		298	472	1.10	19.5	8.15
04 12 78	1145			.3		271	510	3.20	29.0	8.08
MAXIMUM						331	545	3.50	29.0	8.44
AVG OR GEOM MN (*)						272	488	2.10	15.2	8.24
MINIMUM						245	431	0.65	3.0	7.94
NO OF SAMPLES						11	12	12	12	12

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: AT GREY COUNTY ROAD NO 2 FEVERSHAM
STATION TYPE: RIVER

STATION ID: 03-0036-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 6 LAT: LONG: U T M: 17 0549525.0 4909375.0 4 REGION: 01 MILEAGE: 35.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 06 78	1230			.3		40488	6	1300.	212.	124.	4. L	17.1	9.2	0.8	0.043
24 07 78	1217			.3		40511	6	1300.	90.	180.	4. L	15.4	9.3	0.5	0.039
21 08 78	1300			.3		40534	5	330.	68.	40.	4. L	13.8	9.9	0.3	0.015
11 09 78	1345			.3		40557	6 8	5300.	20.	56.	4. L	16.5	10.8	0.4	0.026
10 10 78	1215			.3		40579	6	1100.	8.	32.	4. L	9.0	10.6	0.6	0.047
30 10 78	1200			.3		40599	6	10. L	4. L	4. L	4. L	6.5	10.4	0.9	0.010
04 12 78	1230			.3		40619	6	150.	8.	148.	4. L	1.0	13.8	0.7	0.015
MAXIMUM								5300.	212.	180.	4.	17.1	13.8	0.9	0.047
AVG OR GEOM MN (*)								467.* D	25.* D	51.* D	4.* D	11.3	10.6	0.6	0.028
MINIMUM								10.	4.	4.	4.	1.0	9.2	0.3	0.010
NO OF SAMPLES								7	7	7	7	7	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 06 78	1230			.3		0.025	0.005	0.460	0.005	0.620	0.630	0.455	1.085	294.0	21.0
24 07 78	1217			.3		0.022	0.020	0.380	0.005	0.920	0.945	0.360	1.305	274.0	6.0
21 08 78	1300			.3		0.011	0.010	0.220	0.003	1.310	1.323	0.210	1.533	272.0	2.0
11 09 78	1345			.3		0.015	0.005	0.255	0.003	1.200	1.208	0.250	1.458	254.0	8.0
10 10 78	1215			.3		0.007	0.010	0.435	0.003	0.930	0.943	0.425	1.368	326.0	2.5
30 10 78	1200			.3		0.006	0.015	0.195	0.003	1.270	1.288	0.180	1.468	294.0	0.5
04 12 78	1230			.3		0.012	0.015	0.200	0.005	1.620	1.640	0.185	1.825	254.0	2.0
MAXIMUM						0.025	0.020	0.460	0.005	1.620	1.640	0.455	1.825	326.0	21.0
AVG OR GEOM MN (*)						0.014	0.011	0.306	0.004	1.124	1.140	0.295	1.435	281.1	6.0
MINIMUM						0.006	0.005	0.195	0.003	0.620	0.630	0.180	1.085	254.0	0.5
NO OF SAMPLES						7	7	7	7	7	7	7	7	7	7

(CONTD)

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: AT GREY COUNTY ROAD NO 2 FEVERSHAM
STATION TYPE: RIVER

STATION ID: 03-0036-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 6 LAT: LONG: U T M: 17 0549525.0 4909375.0 4 REGION: 01 MILEAGE: 35.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
19 06 78 1230			.3		273	423	1.10	2.5	8.05
24 07 78 1217			.3		268	472	1.30	3.5	8.12
21 08 78 1300			.3		270	489	0.60	3.0	8.10
11 09 78 1345			.3		246	479	0.60	4.0	
10 10 78 1215			.3		324	464	0.80	3.5	8.16
30 10 78 1200			.3		294	472	0.45	3.5	8.07
04 12 78 1230			.3		252	460	1.00	4.0	7.99
MAXIMUM					324	489	1.30	4.0	8.16
AVG OR GEOM MN (*)					275	466	0.84	3.4	8.08
MINIMUM					246	423	0.45	2.5	7.99
NO OF SAMPLES					7	7	7	7	6

B.O.W./ SITE: BEAVER RIVER
SAMPLE POINT: ATCOUNTY ROAD NO 10 OSPREY TOWN SHIP 1 MILE NORTH OF FEVERSHAM
STATION TYPE: RIVER

STATION ID: 03-0036-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 7 LAT: LONG: U T M: 17 0550250.0 4911150.0 4 REGION: 01 MILEAGE: 36.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 06 78 1300			.3		40489	6	560.	116.	80.	4. L	16.2	8.7	0.7	0.420
24 07 78 1235			.3		40512	5	180.	30.	100.	16.	15.1	9.4	0.6	0.024
21 08 78 1315			.3		40535	5 7	900.	68.	24.	4. L	14.8	10.1	0.4	0.025
11 09 78 1340			.3		40558	5 8	1100.	36.	32.	4. L	15.0	10.7	0.3	0.025
10 10 78 1240			.3		40580	6	260.	20.	28.	4. L	9.0	11.4	0.8	0.013
30 10 78 1215			.3		40600	6	50.	20.	12.	4. L	6.0	11.7	0.7	0.015
04 12 78 1235			.3		40620	6	200.	4. L	600. G	4. L	1.0	13.6	0.7	0.018
MAXIMUM							1100.	116.	600.	16.	16.2	13.6	0.8	0.420
AVG OR GEOM MN (*)							307.*	28.* D	53.* U	5.* D	11.0	10.8	0.6	0.077
MINIMUM							50.	4.	12.	4.	1.0	8.7	0.3	0.013
NO OF SAMPLES							7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 06 78 1300			.3		0.017	0.015	0.475	0.007	0.720	0.742	0.460	1.202	308.0	13.0
24 07 78 1235			.3		0.019	0.050	0.350	0.005	1.020	1.075	0.300	1.375	292.0	9.0
21 08 78 1315			.3		0.015	0.005L	0.235	0.003	1.320	1.328	0.230	1.558	266.0	2.0
11 09 78 1340			.3		0.017	0.005	0.210	0.003	1.230	1.238	0.205	1.443	252.0	7.5
10 10 78 1240			.3		0.013	0.015	0.195	0.003	1.110	1.128	0.180	1.308	314.0	0.5
30 10 78 1215			.3		0.012	0.005	0.185	0.004	1.630	1.639	0.180	1.819	302.0	0.5
04 12 78 1235			.3		0.011	0.020	0.235	0.007	1.640	1.667	0.215	1.882	232.0	3.0
MAXIMUM					0.019	0.050	0.475	0.007	1.640	1.667	0.460	1.882	314.0	13.0
AVG OR GEOM MN (*)					0.015	0.016D	0.269	0.005	1.239	1.260	0.253	1.512	280.9	5.1
MINIMUM					0.011	0.005	0.185	0.003	0.720	0.742	0.180	1.202	232.0	0.5
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
19 06 78 1300			.3		295	433	1.00	1.5	8.10
24 07 78 1235			.3		283	474	1.50	2.0	8.20
21 08 78 1315			.3		264	483	0.30	1.5	8.16
11 09 78 1340			.3		244	469	0.95	2.0	
10 10 78 1240			.3		314	466	0.35	2.5	8.25
30 10 78 1215			.3		302	475	0.45	2.0	8.18
04 12 78 1235			.3		229	440	0.65	2.5	8.05
MAXIMUM					314	483	1.50	2.5	8.25
AVG OR GEOM MN (*)					276	463	0.74	2.0	8.16
MINIMUM					229	433	0.30	1.5	8.05
NO OF SAMPLES					7	7	7	7	6

B.O.W./ SITE: BEAVER RIVER
SAKPLE POINT: AT COUNTY ROAD NO 8 OSPREY TOWNSHIP 0.5 MILES SOUTH EAST OF FEVERSHAM
STATION TYPE: RIVER

STATION ID: 03-0036-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

STN NO: 8 LAT: LONG: U T M: 17 0550700.0 4909150.0 4 REGION: 01 MILEAGE: 36.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 06 78 1317			.3		40490	5 9	1200.	184.	112.	4.	17.2	9.1	0.8	0.063
24 07 78 1208			.3		40513	5	1200.	170.	180.	4. L	15.0	9.5	0.6	0.042
21 08 78 1250			.3		40536	5 7	1100.	120.	192.	4. L	12.4	10.1	0.7	0.019
11 09 78 1405			.3		40559	5 7	20.	4. L	8.	4. L	14.0	11.5	0.4	0.019
10 10 78 1250			.3		40581	6 8	300.	16.	4.	4. L	9.2	11.2	0.1	0.014
30 10 78 1230			.3		40601	6 8	50.	8.	8.	4. L	7.0	11.0	0.6	0.022
04 12 78 1300			.3		40621	6 8	110.	16.	80.	4. L	1.2	13.6	0.5	0.034
MAXIMUM							1200.	184.	192.	4.	17.2	13.6	0.8	0.063
AVG OR GEOM MN (*)							245.*	31.* D	36.*	4.* D	10.9	10.9	0.5	0.030
MINIMUM							20.	4.	4.	4.	1.2	9.1	0.1	0.014
NO OF SAMPLES							7	7	7	7	7	7	7	7

(C O N T D)

```
                                       34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                SOLIDS     SOLIDS
               FEET      MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

19 06 78 1317              .3       0.043      0.015      0.445      0.005      0.360      0.380      0.430      0.810      290.0       12.0
24 07 78 1208              .3       0.032      0.010      0.380      0.003      0.750      0.763      0.370      1.133      280.0        3.0
21 08 78 1250              .3       0.003      0.005L     0.360      0.002      1.210      1.217      0.355      1.572      264.0        5.0
11 09 78 1405              .3       0.009      0.005      0.215      0.003      1.200      1.208      0.210      1.418      260.0        7.5
10 10 78 1250              .3       0.009      0.040      0.290      0.003      0.550      0.593      0.250      0.843      318.0        0.5
30 10 78 1230              .3       0.015      0.005      0.275      0.003      0.930      0.938      0.270      1.208      294.0        1.0
04 12 78 1300              .3       0.010      0.020      0.435      0.006      1.240      1.266      0.415      1.681      260.0       10.0

                      MAXIMUM       0.043      0.040      0.445      0.006      1.240      1.266      0.430      1.681      318.0       12.0
          AVG OR GEOM MN (*)        0.017      0.014D     0.343      0.004      0.891      0.909      0.329      1.238      280.9        5.6
                      MINIMUM       0.003      0.005      0.215      0.002      0.360      0.380      0.210      0.810      260.0        0.5

                NO OF SAMPLES           7          7          7          7          7          7          7          7          7          7

                                        7         14         16         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.      COND.      TURB.   CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH       SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET      MTRS         MG/L      UMHOS      UNITS

19 06 78 1317              .3         278        403       1.10        3.0       8.07
24 07 78 1208              .3         277        461       0.70        3.0       8.10
21 08 78 1250              .3         259        491       0.80        4.0       7.93
11 09 78 1405              .3         252        476       0.65        4.0
10 10 78 1250              .3         317        489       0.65        4.5
30 10 78 1230              .3         293        464       0.45        4.5       8.09
04 12 78 1300              .3         250        446       2.70        4.0       8.20

                      MAXIMUM         317        491       2.70        4.5       8.20
          AVG OR GEOM MN (*)          275        461       1.01        3.9       8.08
                      MINIMUM         250        403       0.45        3.0       7.93

                NO OF SAMPLES           7          7          7          7          5
```

```
B.O.W./ SITE: BEAVER RIVER                                                                             STATION ID:  03-0036-009-02
SAMPLE POINT: AT GREY COUNTY ROAD NO 30 SOUTH OF KIMBERLEY
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                           002
                                                         TERM STREAM: BEAVER RIVER                                         2250

STN NO:      9     LAT:                   LONG:          U T M: 17 0536700.0 4910200.0 4     REGION: 01        MILEAGE:   23.10

                                      934        901         80         81         84         88        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD      TOTAL      FECAL      M.F.      PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO              COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         02        BOD          P
               FEET      MTRS                           MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

10 10 78 1330              .3        40582  6             380.       12.  L     4.  L      4.  L      12.2       10.0        0.9      0.006
30 10 78 1300              .3        40602  6              20.        4.        4.  L      4.  L       8.3       10.6        1.4      0.007
04 12 78 1325              .3        40622  6            1000.      100.      600.  G      4.  L       0.5       14.8        0.9      0.036



                      MAXIMUM                            1000.      100.       600.       4.         12.2       14.8        1.4      0.036
          AVG OR GEOM MN (*)                              197.*      17.* D     21.* E    4.* D       7.0       11.8        1.1      0.016
                      MINIMUM                              20.        4.         4.       4.          0.5       10.0        0.9      0.006

                NO OF SAMPLES                               3          3          3          3          3          3          3          3

                                       34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                SOLIDS     SOLIDS
               FEET      MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

10 10 78 1330              .3       0.001      0.025      0.345      0.003      0.190      0.218      0.320      0.538      266.0        3.5
30 10 78 1300              .3       0.006      0.015      0.355      0.003      0.270      0.288      0.340      0.628      260.0        0.5
04 12 78 1325              .3       0.010      0.005      0.350      0.003      0.750      0.758      0.345      1.103      276.0       19.0

                      MAXIMUM       0.010      0.025      0.355      0.003      0.750      0.758      0.345      1.103      276.0       19.0
          AVG OR GEOM MN (*)        0.006      0.015      0.350      0.003      0.403      0.421      0.335      0.756      267.3        7.7
                      MINIMUM       0.001      0.005      0.345      0.003      0.190      0.218      0.320      0.538      260.0        0.5

                NO OF SAMPLES           3          3          3          3          3          3          3          3          3          3

                                        7        107         14         16         56         59        280         95         52         55
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.   CALCUL        COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH
DY MO YR LMT   DIST BRG DEPTH       SOLIDS   D-SOLIDS        25C   FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB
               FEET      MTRS         MG/L   MG/L          UMHOS      UNITS                  MG/L   SI MG/L        MG/L       MG/L

10 10 78 1330              .3                   245        377       0.55        4.5        9.5       2.10        0.0        199       8.42
30 10 78 1300              .3         259                  408       0.80        5.5       12.0       1.94       11.9        203       8.05
04 12 78 1325              .3         257                  446       9.40       17.5       15.5       2.40        6.0        203       8.20

                      MAXIMUM         259       245        446       9.40       17.5       15.5       2.40       11.9        203       8.42
          AVG OR GEOM MN (*)          258       245        410       3.58        9.2       12.3       2.15        6.0        202       8.22
                      MINIMUM         257       245        377       0.55        4.5        9.5       1.94        0.0        199       8.05

                NO OF SAMPLES           2         1          3          3          3          3          3          3          3          3

                                      208         25         76         72         74         68         67         66         41
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL    PHENOLS     CALCUL      TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD
DY MO YR LMT   DIST BRG DEPTH         IRON              HARDNESS    CALCIUM     NESIUM      HAZEN          K         NA
               FEET      MTRS         MG/L       UG/L       MG/L       MG/L       MG/L      UNITS       MG/L       MG/L       MG/L

10 10 78 1330              .3        0.050       1.0L      200.0      41.00      23.60          5       1.10       2.60         11
30 10 78 1300              .3        0.080       1.0L      217.0      48.00      23.60          8       1.05       2.60         30
04 12 78 1325              .3        0.590       1.0L      217.0      54.50      19.60         17       1.70       9.30

                      MAXIMUM        0.590       1.0       217.0      54.50      23.60         17       1.70       9.30         30
          AVG OR GEOM MN (*)         0.240       1.00      211.3      47.83      22.27         10       1.28       4.83         21
                      MINIMUM        0.050       1.0       200.0      41.00      19.60          5       1.05       2.60         11

                NO OF SAMPLES           3          3          3          3          3          3          3          3          2
```

STATION ID: 03-0047-001-02

B.O.W./ SITE: SILVER CREEK
SAMPLE POINT: AT HIGHWAY NO 26 COLLINGWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SILVER CREEK

STORET CODE: 02
002
2340

STN NO: 1   LAT: LONG: U T M: 17 0557750.0 4929550.0 4   REGION: 03   MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1140			.3		36071	4	30.	10. L	10. L	0.0	8.8	3.4	0.025	0.005
12 04 78 1055			.3		36172	3 6	20.	4. L	4.	4.6	14.4	0.4	0.024	0.008
10 05 78 1500			.3		35033	6	184.	12.	8.	10.1	11.6	0.4	0.021	0.004
15 06 78 1500			.3		35089	6	20.	12.	160.	17.2	9.2	0.4	0.018	0.003
12 07 78 1310			.3		35128	6	80.	32.	204.	19.5	9.9	0.2	0.010	0.002
23 08 78 1500			.3		35191	6	1460.	1100.	412.	22.4	12.6	0.4	0.019	0.003
28 09 78 1400			.3		35247	6	70.	100. L	240.	14.1	11.2	0.2	0.008	0.001
24 10 78 1340			.3		35287	6	244.	116.	76.	8.1	10.9	0.2	0.006	0.002
16 11 78 1410			.3		35343	6	128.	44.	84.	7.2	11.6	0.2	0.007	0.003
06 12 78 1340			.3		35368	6	330.	8.	88.	3.9	11.4	0.8	0.014	0.004
MAXIMUM							1460.	1100.	412.	22.4	14.4	3.4	0.025	0.008
AVG OR GEOM MN (*)							106.*	31.* D	60.* D	10.7	11.2	0.7	0.015	0.004
MINIMUM							20.	4.	4.	0.0	8.8	0.2	0.006	0.001
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78 1140			.3		0.006	0.380	0.010	0.835	0.851	0.374	1.225	351.0	65.0	286
12 04 78 1055			.3		0.030	0.320	0.006	0.775	0.811	0.290	1.101	306.0	36.0	
10 05 78 1500			.3		0.032	0.240	0.004	0.595	0.631	0.208	0.839	276.0	13.0	263
15 06 78 1500			.3		0.014	0.250	0.003	0.635	0.652	0.236	0.888	254.0	10.0	
12 07 78 1310			.3		0.010	0.210	0.002	0.578	0.590	0.200	0.790	276.0	5.5	
23 08 78 1500			.3		0.026	0.230	0.004	0.365	0.395	0.204	0.599	222.0	6.6	
28 09 78 1400			.3		0.002	0.180	0.002	0.345	0.349	0.178	0.527	242.0	1.7	
24 10 78 1340			.3		0.002	0.16	0.002	0.405	0.409	0.158	0.567	267.	1.4	
16 11 78 1410			.3		0.009	0.270	0.005	0.500	0.514	0.261	0.775	286.0	3.0	
06 12 78 1340			.3		0.010	0.260	0.002	0.553	0.565	0.250	0.815	297.0	8.0	289
MAXIMUM					0.032	0.380	0.010	0.835	0.851	0.374	1.225	351.0	65.0	289
AVG OR GEOM MN (*)					0.014	0.250	0.004	0.559	0.577	0.236	0.813	277.7	15.0	279
MINIMUM					0.002	0.16	0.002	0.345	0.349	0.158	0.527	222.0	1.4	263
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1140			.3			470	6.30	5.9
12 04 78 1055			.3		270	415	17.00	4.6
10 05 78 1500			.3			405	4.80	4.3
15 06 78 1500			.3		244	375	2.80	2.4
12 07 78 1310			.3		270	415	3.00	2.6
23 08 78 1500			.3		215	330	3.60	2.6
28 09 78 1400			.3		240	370	3.40	4.5
24 10 78 1340			.3		266	410	2.0	3.9
16 11 78 1410			.3		283	435	2.90	4.5
06 12 78 1340			.3			485	5.60	7.9
MAXIMUM					283	485	17.00	7.9
AVG OR GEOM MN (*)					255	411	5.14	4.3
MINIMUM					215	330	2.0	2.4
NO OF SAMPLES					7	10	10	10

STATION ID: 03-0053-001-02

B.O.W./ SITE: PRETTY RIVER
SAMPLE POINT: AT PARKWAY BRIDGE COLLINGWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PRETTY RIVER

STORET CODE: 02
002
2420

STN NO: 1   LAT: LONG: U T M: 17 0563999.0 4927875.0 4   REGION: 03   MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1220			.3		36072	4	4. L	4. L	4. L	0.0	8.0	0.8	0.022	0.005
12 04 78 1120			.3		36173	6	380.	4.	8.	3.5	12.4	0.4	0.070	0.011
10 05 78 1510			.3		35034	6	8.	10. L	20.	10.9	11.6	0.2	0.020	0.004
15 06 78 1515			.3		35090	6	10. L	2.	22.	21.2	9.2	0.2	0.009	0.001
12 07 78 1340			.3		35129	6	10. L	2. L	16.	25.3	8.5	0.5	0.010	0.001L
23 08 78 1510			.3		35192	6	100.	122.	68.	26.1	12.4	0.4	0.009	0.002
28 09 78 1440			.3		35248	6	20.	4. L	60.	16.9	10.2	0.2	0.006	0.001
24 10 78 1400			.3		35288	6	188.	84.	148.	8.7	12.0	0.2	0.006	0.001
16 11 78 1430			.3		35344	6	40.	12.	108.	7.9	11.8	0.6	0.004	0.003
06 12 78 1415			.3		35369	6	1000.	60.	230.	2.8	11.9	0.6	0.040	0.005
MAXIMUM							1000.	122.	230.	26.1	12.4	0.8	0.070	0.011
AVG OR GEOM MN (*)							42.* D	11.* D	36.* D	12.3	10.8	0.4	0.020	0.003D
MINIMUM							4.	2.	4.	0.0	8.0	0.2	0.004	0.001
NO OF SAMPLES							10	10	10	10	10	10	10	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78 1220			.3		0.014	0.380	0.005	1.080	1.099	0.366	1.465	313.0	9.5	303
12 04 78 1120			.3		0.026	0.380	0.007	1.340	1.373	0.354	1.727	347.0	84.0	273
10 05 78 1510			.3		0.016	0.250	0.003	0.965	0.984	0.234	1.218	290.0	17.0	
15 06 78 1515			.3		0.006	0.200	0.004	0.730	0.740	0.194	0.934	263.0	6.4	
12 07 78 1340			.3		0.008	0.210	0.005	0.530	0.543	0.202	0.745	236.0	5.2	
23 08 78 1510			.3		0.020	0.180	0.005	0.410	0.435	0.160	0.595	221.0	9.7	
28 09 78 1440			.3		0.002L	0.150	0.003	0.485	0.490	0.148	0.638	256.0	5.7	
24 10 78 1400			.3		0.002	0.21	0.003	0.420	0.425	0.208	0.633	270.	1.7	
16 11 78 1430			.3		0.006	0.240	0.002	0.708	0.716	0.234	0.950	267.0	7.0	260
06 12 78 1415			.3		0.010	0.320	0.004	1.350	1.364	0.310	1.674	344.0	32.0	312
MAXIMUM					0.026	0.380	0.007	1.350	1.373	0.366	1.727	347.0	84.0	312
AVG OR GEOM MN (*)					0.011D	0.252	0.004	0.802	0.817	0.241	1.058	280.7	17.8	287
MINIMUM					0.002	0.150	0.002	0.410	0.425	0.148	0.595	221.0	1.7	260
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1220			.3			500	31.00	6.0
12 04 78 1120			.3		263	405	37.00	5.2
10 05 78 1510			.3			420	5.60	4.2
15 06 78 1515			.3		257	395	2.70	3.2
12 07 78 1340			.3		231	355	3.40	3.5
23 08 78 1510			.3		211	325	4.80	4.0
28 09 78 1440			.3		250	385	2.60	5.3
24 10 78 1400			.3		268	450	3.3	6.2
16 11 78 1430			.3			480	2.90	7.8
06 12 78 1415			.3			520	18.00	9.6
MAXIMUM					268	520	37.00	9.6
AVG OR GEOM MN (*)					247	424	11.13	5.5
MINIMUM					211	325	2.60	3.2
NO OF SAMPLES					6	10	10	10

STATION ID: 03-0054-001-02

B.O.W./ SITE: BATTEAUX RIVER
SAMPLE POINT: AT HIGHWAY 26 COLLINGWOOD
STATION TYPE: RIVER

STORET CODE: 02
002
2430

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BATTEAUX RIVER

STN NO: 1 LAT: LONG: U T M: 17 0566250.0 4926200.0 4 REGION: 03 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1235			.3		36073	4	1100.	10. L	30.	0.0	13.2	0.8	0.035	0.023
12 04 78 1130			.3		36174	3 6	570.	244.	300.	3.2	13.6	1.5	0.134	0.035
10 05 78 1520			.3		35035	6	140.	88.	600. G	12.0	12.0	1.2	0.058	0.016
15 06 78 1525			.3		35091	6	1400.	600. G	112.	22.9	11.2	1.6	0.074	0.001
12 07 78 1355			.3		35130	6	300.	30.	104.	26.0	10.2	3.8	0.120	0.046
23 08 78 1525			.3		35193	6	800.	110.	56.	26.0	12.9	1.0	0.104	0.063
28 09 78 1455			.3		35249	6	890.	10.	28.	17.0	12.3	0.6	0.061	0.034
24 10 78 1425			.3		35289	6	280.	20.	12.	8.1	11.6	0.4	0.045	0.012
16 11 78 1450			.3		35345	6	400.	92.	276.	8.0	11.9	0.2	0.071	0.034
06 12 78 1430			.3		35370	6	1900.	400.	930.	2.1	13.2	0.8	0.082	0.022
MAXIMUM							1900.	600.	930.	26.0	13.6	3.8	0.134	0.063
AVG OR GEOM MN (*)							595.*	71.* E	112.* U	12.5	12.2	1.2	0.078	0.029
MINIMUM							140.	10.	12.	0.0	10.2	0.2	0.035	0.001
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78 1235			.3		0.048	0.470	0.009	0.881	0.938	0.422	1.360	362.0	7.6	354
12 04 78 1130			.3		0.102	0.700	0.013	1.670	1.785	0.598	2.383	345.0	82.0	
10 05 78 1520			.3		0.010	0.460	0.010	0.560	0.580	0.450	1.030	273.0	6.6	
15 06 78 1525			.3		0.002	0.610	0.004	0.120	0.126	0.608	0.734	258.0	5.1	
12 07 78 1355			.3		0.006	0.780	0.003	0.017	0.026	0.774	0.800	220.0	12.0	
23 08 78 1525			.3		0.046	0.590	0.004	0.015	0.065	0.544	0.609	217.0	5.5	
28 09 78 1455			.3		0.002L	0.410	0.002	0.010	0.014	0.408	0.422	242.0	1.6	
24 10 78 1425			.3		0.002L	0.49	0.002	0.005	0.009	0.488	0.497	320.	4.4	
16 11 78 1450			.3		0.006	0.510	0.013	0.437	0.456	0.504	0.960	351.0	4.0	347
06 12 78 1430			.3		0.062	0.700	0.011	1.490	1.563	0.638	2.201	372.0	23.0	349
MAXIMUM					0.102	0.780	0.013	1.670	1.785	0.774	2.383	372.0	82.0	354
AVG OR GEOM MN (*)					0.029D	0.572	0.007	0.521	0.556	0.543	1.100	296.0	15.2	350
MINIMUM					0.002	0.410	0.002	0.005	0.009	0.408	0.422	217.0	1.6	347
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	3

(CONTD)

STATION ID: 03-0054-001-02

B.O.W./ SITE: BATTEAUX RIVER
SAMPLE POINT: AT HIGHWAY 26 COLLINGWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BATTEAUX RIVER

STORET CODE: 02
002
2430

STN NO: 1   LAT: LONG: U T M: 17 0566250.0 4926200.0 4   REGION: 03   MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1235			.3			580	5.60	13.0
12 04 78 1130			.3		263	405	34.00	7.9
10 05 78 1520			.3		266	410	4.30	8.8
15 06 78 1525			.3		253	390	2.80	10.5
12 07 78 1355			.3		208	320	4.00	11.5
23 08 78 1525			.3		211	325	2.40	14.5
28 09 78 1455			.3		240	370	2.40	12.0
24 10 78 1425			.3		316	520	2.4	14.0
16 11 78 1450			.3			560	2.60	16.5
06 12 78 1430			.3			550	15.00	18.0
MAXIMUM					316	580	34.00	18.0
AVG OR GEOM MN (*)					251	443	7.55	12.7
MINIMUM					208	320	2.40	7.9
NO OF SAMPLES					7	10	10	10

STATION ID: 03-0057-003-02

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: AT CONCESSION ROAD NO6 EARL ROWE PROVINCIAL PARK
STATION TYPE: RIVER   FLOW GAUGE FED 02EB102

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 3   LAT: LONG: U T M: 17 0588200.0 4889200.0 4   REGION: 03   MILEAGE: 54.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1240			.3		36040	6	66.50	30.	6.	40.	0.0	13.8	0.2	0.034
14 02 78 1245			.3		36066	6	49.30	100.	4.	16.	1.0	13.0	0.8	0.026
11 04 78 1400			.3		36166	3 6	533.00	6600.	90.	450.	4.1	13.6	0.6	0.086
11 05 78 1315			.3		35044	6	97.50	100. L	10. L	10. L	13.0	12.0	0.2	0.025
13 06 78 1350			.3		35067	6	72.30	300.	42.	48.	18.0	11.6	1.4	0.042
13 07 78 1215			.3		35139	6	17.50	420.	32.	52.	21.1	10.3	1.6	0.063
24 08 78 1340			.3		35202	6	25.70	600.	168.	72.	22.0	10.3	1.0	0.038
26 09 78 1305			.3		35225	6	44.40	70.	10.	10.	15.9	11.7	0.4	0.115
30 10 78 1345			.3		35298	6	40.10	280.	4. L	4.	8.9	12.8	0.6	0.017
14 11 78 1345			.3		35321	6	41.50	110.	2. L	36.	7.8	11.6	0.4	0.012
08 12 78 1205			.3		35379	6	62.20	180.	28.	38.	2.9	12.4	0.2	0.009
MAXIMUM							533.00	6600.	168.	450.	22.0	13.8	1.6	0.115
AVG OR GEOM MN (*)							95.46	220.* D	15.* D	31.* D	10.4	12.1	0.7	0.042
MINIMUM							17.50	30.	2.	4.	0.0	10.3	0.2	0.009
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1240			.3		0.014	0.060	0.380	0.007	1.390	1.457	0.320	1.777	356.0	4.8
14 02 78 1245			.3		0.021	0.050	0.330	0.011	1.410	1.471	0.280	1.751	324.0	9.0
11 04 78 1400			.3		0.028	0.068	0.660	0.016	1.730	1.814	0.592	2.406	322.0	46.0
11 05 78 1315			.3		0.001	0.014	0.43	0.007	1.12	1.141	0.416	1.557	294.	4.4
13 06 78 1350			.3		0.001	0.146	0.640	0.022	0.500	0.668	0.494	1.162	291.0	15.0
13 07 78 1215			.3		0.005	0.102	0.730	0.021	0.229	0.352	0.628	0.980	270.0	16.0
24 08 78 1340			.3		0.001	0.050	0.560	0.009	0.250	0.309	0.510	0.819	261.0	6.8
26 09 78 1305			.3		0.003	0.020	0.690	0.005	0.410	0.435	0.670	1.105	316.0	9.4
30 10 78 1345			.3		0.002	0.019	0.37	0.005	0.515	0.539	0.351	0.890	319.	4.7
14 11 78 1345			.3		0.001	0.008	0.300	0.005	0.640	0.653	0.292	0.945	139.0	4.0
08 12 78 1205			.3		0.002	0.024	0.350	0.004	1.050	1.078	0.326	1.404	339.0	1.4
MAXIMUM					0.028	0.146	0.730	0.022	1.730	1.814	0.670	2.406	356.0	46.0
AVG OR GEOM MN (*)					0.007	0.051	0.495	0.010	0.840	0.902	0.444	1.345	293.7	11.0
MINIMUM					0.001	0.008	0.300	0.004	0.229	0.309	0.280	0.819	139.0	1.4
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1240			.3		351		555	2.10	15.0
14 02 78 1245			.3		315		535	3.00	13.5
11 04 78 1400			.3		276		430	28.00	13.0
11 05 78 1315			.3		290		450	3.6	13.5
13 06 78 1350			.3			276	425	5.50	11.0
13 07 78 1215			.3			254	390	11.00	10.5
24 08 78 1340			.3			254	390	5.00	12.5
26 09 78 1305			.3		307		470	5.50	16.0
30 10 78 1345			.3		314		485	3.6	15.
14 11 78 1345			.3		135		470	3.10	13.5
08 12 78 1205			.3		338		540	2.50	24.0
MAXIMUM					351	276	555	28.00	24.0
AVG OR GEOM MN (*)					291	261	467	6.63	14.3
MINIMUM					135	254	390	2.10	10.5
NO OF SAMPLES					8	3	11	11	11

B.O.W./ SITE: PINE RIVER
SAMPLE POINT: UPSTREAM FROM CAMP BORDEN STP
STATION TYPE: RIVER

STATION ID: 03-0057-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 5 LAT: LONG: U T M: 17 0587650.0 4905625.0 4 REGION: 03 MILEAGE: 33.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1145			.3		36043	4	20.	2. L	2. L	0.0	12.6	0.2	0.055	0.003
14 02 78 1200			.3		36063	4 0	100.	2.	8.	1.0	11.2	0.2	0.016	0.005
11 04 78 1200			.3		36163	3 6	340.	50.	200.	4.0	12.4	0.8	0.140	0.015
11 05 78 1200			.3		35041	6	320.	10. L	10. L	10.0	12.6	0.2	0.051	0.005
13 06 78 1230			.3		35064	6	4500.	448.	128.	14.5	11.8	1.0	0.168	0.005
13 07 78 1110			.3		35136	6	200.	40.	144.	16.8	10.8	0.4	0.017	0.003
24 08 78 1220			.3		35199	6 0	2300.	88.	192.	19.0	9.9	0.4	0.028	0.003
26 09 78 1200			.3		35222	6	100.	10. L	30.	13.1	10.5	0.2	0.028	0.004
30 10 78 1240			.3		35295	6	20.	4.	4.	6.4	12.1	0.2	0.005	0.001
14 11 78 1230			.3		35318	6	356.	46.	118.	7.9	10.6	0.4	0.025	0.002
08 12 78 1100			.3		35376	6	80.	8.	36.	4.0	11.6	0.2	0.008	0.002
MAXIMUM							4500.	448.	200.	19.0	12.6	1.0	0.168	0.015
AVG OR GEOM MN (*)							204.*	17.* D	33.* D	8.8	11.5	0.4	0.049	0.004
MINIMUM							20.	2.	2.	0.0	9.9	0.2	0.005	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1145			.3		0.014	1.200	0.003	1.530	1.547	1.186	2.733	294.0	10.0	284
14 02 78 1200			.3		0.020	0.220	0.005	1.860	1.885	0.200	2.085	279.0	9.8	269
11 04 78 1200			.3		0.022	0.680	0.011	1.690	1.723	0.658	2.381	366.0	116.0	
11 05 78 1200			.3		0.014	0.43	0.006	2.77	2.790	0.416	3.206	311.	25.	286
13 06 78 1230			.3		0.016	0.960	0.007	2.090	2.113	0.944	3.057	432.0	162.0	
13 07 78 1110			.3		0.010	0.260	0.007	1.680	1.697	0.250	1.947	264.0	14.0	
24 08 78 1220			.3		0.012	0.250	0.005	0.970	0.987	0.238	1.225	262.0	12.0	
26 09 78 1200			.3		0.008	0.350	0.003	0.730	0.741	0.342	1.083	282.0	12.0	
30 10 78 1240			.3		0.008	0.22	0.003	0.830	0.841	0.212	1.053	282.	1.9	280
14 11 78 1230			.3		0.002	0.220	0.004	0.881	0.887	0.218	1.105	275.0	12.0	
08 12 78 1100			.3		0.012	0.240	0.003	1.100	1.115	0.228	1.343	274.0	4.1	270
MAXIMUM					0.022	1.200	0.011	2.77	2.790	1.186	3.206	432.0	162.0	286
AVG OR GEOM MN (*)					0.013	0.457	0.005	1.466	1.484	0.445	1.929	301.9	34.4	278
MINIMUM					0.002	0.220	0.003	0.730	0.741	0.200	1.053	262.0	1.9	269
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1145			.3			464	6.90	8.0
14 02 78 1200			.3			446	8.10	7.5
11 04 78 1200			.3		250	385	50.00	7.1
11 05 78 1200			.3			435	14.	9.0
13 06 78 1230			.3		270	415	58.00	8.9
13 07 78 1110			.3		250	385	6.30	9.0
24 08 78 1220			.3		250	385	6.40	7.8
26 09 78 1200			.3		270	415	7.50	6.7
30 10 78 1240			.3			430	2.5	7.2
14 11 78 1230			.3		263	405	6.60	6.7
08 12 78 1100			.3			435	3.80	7.6
MAXIMUM					270	464	58.00	9.0
AVG OR GEOM MN (*)					259	418	15.46	7.8
MINIMUM					250	385	2.5	6.7
NO OF SAMPLES					6	11	11	11

B.O.W./ SITE: NOTTAWASAGA RIVER
SAMPLE POINT: AT HIGHWAY NO 92 WASAGA BEACH
STATION TYPE: RIVER COMPOSITE

STATION ID: 03-0057-006-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 6 LAT: LONG: U T M: 17 0578050.0 4930225.0 4 REGION: 03 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1305			.3		36074	4	1600.	20.	400.	0.0	7.2	0.8	0.040	0.021
12 04 78 1205			.3		36175	3 6	740.	28.	200.	2.8	11.6	1.0	0.092	0.029
10 05 78 1410			.3		35032	6	270.	20.	16.	11.2	9.2	0.5		
15 06 78 1340			.3		35088	6	80.	44.	28.	18.9	9.2	1.0	0.052	0.011
12 07 78 1230			.3		35127	6	60.	16.	16.	23.4	11.2	2.4	0.056	0.001
23 08 78 1340			.3		35190	6	200.	16.	16.	25.1	12.1	1.0	0.050	0.003
28 09 78 1240			.3		35246	6	260.	16.	32.	14.1	9.1	0.8	0.045	0.016
24 10 78 1255			.3		35286	6	80.	16.	44.	8.9	9.3		0.021	0.009
16 11 78 1315			.3		35342	6	3600.	140.	160.	6.8	10.9	0.6	0.023	0.014
06 12 78 1300			.3		35367	4	500.	20.	600. G	1.7	11.6	0.4	0.030	0.015
MAXIMUM							3600.	140.	600.	25.1	12.1	2.4	0.092	0.029
AVG OR GEOM MN (*)							321.*	25.*	64.* U	11.3	10.1	0.9	0.045	0.013
MINIMUM							60.	16.	16.	0.0	7.2	0.4	0.021	0.001
NO OF SAMPLES							10	10	10	10	10	9	9	9

(CONTD)

STATION ID: 03-0057-006-83

B.O.W./ SITE: NOTTAWASAGA RIVER
SAMPLE POINT: AT HIGHWAY NO 92 WASAGA BEACH
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 6   LAT: LONG: U T M: 17 0578050.0 4930225.0 4   REGION: 03   MILEAGE: 0.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78	1305			.3		0.080	0.520	0.012	0.808	0.900	0.440	1.340	338.0	3.7	334
12 04 78	1205			.3		0.092	0.660	0.019	1.780	1.891	0.568	2.459	282.0	51.0	
10 05 78	1410			.3									276.0	9.9	266
15 06 78	1340			.3		0.044	0.520	0.021	0.955	1.020	0.476	1.496	292.0	18.0	274
12 07 78	1230			.3		0.008	0.800	0.009	0.231	0.248	0.792	1.040	281.0	18.0	
23 08 78	1340			.3		0.046	0.410	0.012	0.495	0.553	0.364	0.917	276.0	13.0	
28 09 78	1240			.3		0.020	0.460	0.009	0.490	0.519	0.440	0.959	326.0	12.0	314
24 10 78	1255			.3		0.010	0.22	0.006	0.565	0.581	0.210	0.791			
16 11 78	1315			.3		0.002	0.400	0.006	0.629	0.637	0.398	1.035	292.0	5.0	287
06 12 78	1300			.3		0.074	0.470	0.007	0.953	1.034	0.396	1.430	320.0	5.0	315
MAXIMUM						0.092	0.800	0.021	1.780	1.891	0.792	2.459	338.0	51.0	334
AVG OR GEOM MN (*)						0.042	0.496	0.011	0.767	0.820	0.454	1.274	298.1	15.1	298
MINIMUM						0.002	0.22	0.006	0.231	0.248	0.210	0.791	276.0	3.7	266
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
15 02 78	1305			.3			530	6.60	13.5	26.5	5.20			7.81	0.660
12 04 78	1205			.3		231	355	38.00	9.2	20.5	2.65			7.70	1.900
10 05 78	1410			.3			435	5.80						7.98	
15 06 78	1340			.3			435	13.00	10.5	20.5	3.50			8.01	0.750
12 07 78	1230			.3		263	405	11.00	10.5	21.0	3.30			8.46	0.420
23 08 78	1340			.3		263	405	8.50	10.0	20.5	5.50			8.30	0.420
28 09 78	1240			.3			465	15.00	11.0	30.5	5.70			7.96	0.520
24 10 78	1255			.3					12.0	29.0	4.2	5.6	225		0.39
16 11 78	1315			.3			465	5.80	12.5	26.5	3.40			8.02	0.340
06 12 78	1300			.3			520	7.60	15.5	33.5	5.00	6.3	230	7.63	0.360
MAXIMUM						263	530	38.00	15.5	33.5	5.70	6.3	230	8.46	1.900
AVG OR GEOM MN (*)						252	446	12.37	11.6	25.4	4.27	6.0	228	7.99	0.640
MINIMUM						231	355	5.80	9.2	20.5	2.65	5.6	225	7.63	0.340
NO OF SAMPLES						3	9	9	9	9	9	2	2	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
15 02 78	1305			.3		1.0L	12.0	25			0.030L				
12 04 78	1205			.3		1.0L	5.0	26							
10 05 78	1410			.3		1.0L	5.5	25	470	0.001L	0.03 L	0.02 L	0.01 L	0.03 L	0.005L
15 06 78	1340			.3		1.0L	5.2	14		0.001	0.050	0.020L	0.010L	0.030L	0.005L
12 07 78	1230			.3		1.0L	4.5	28							
23 08 78	1340			.3		1.0L	4.9	20	1						
28 09 78	1240			.3		1.0L	7.0	25	1	0.001	0.020L	0.040	0.020	0.020L	0.005L
24 10 78	1255			.3						0.001	0.030	0.020L	0.010	0.030L	0.005L
16 11 78	1315			.3		1.0L	4.9	49		0.001L		0.020L	0.010	0.030L	0.005L
06 12 78	1300			.3		1.0L	5.0	10L	1	0.002	0.020L	0.020L	0.020	0.030L	0.005L
MAXIMUM						1.0	12.0	49	470	0.002	0.050	0.040	0.020	0.03	0.005
AVG OR GEOM MN (*)						1.0D	6.0	25D	118	0.001D	0.030D	0.023D	0.013D	0.028D	0.005D
MINIMUM						1.0	4.5	10	1	0.001	0.020	0.02	0.01	0.020	0.005
NO OF SAMPLES						9	9	9	4	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
10 05 78	1410			.3		0.02	0.02 L
15 06 78	1340			.3		0.010L	0.020L
28 09 78	1240			.3		0.010L	0.020L
24 10 78	1255			.3		0.010L	0.020L
16 11 78	1315			.3		0.010L	0.020L
06 12 78	1300			.3		0.010	0.020L
MAXIMUM						0.02	0.02
AVG OR GEOM MN (*)						0.012D	0.020D
MINIMUM						0.010	0.02
NO OF SAMPLES						6	6

STATION ID: 03-0057-007-02

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: COUNTY ROAD 10, DOWNSTREAM FROM ALLISTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 7   LAT: LONG: U T M: 17 0593590.0 4890500.0 4   REGION: 03   MILEAGE: 48.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1205			.3		36039	6	90.	2. L	4.	0.5	11.2	0.6	0.149	0.125
14 02 78	1230			.3		36065	6	3800.	24.	20.	0.5	11.6	0.2	0.157	0.137
11 04 78	1335			.3		36165	3 6	4000.	130.	990.	4.7	11.6	1.2	0.148	0.048
11 05 78	1245			.3		35043	6	100. L	10. L	20.	14.0	11.6	0.4	0.068	0.044
13 06 78	1330			.3		35066	6	1310.	136.	68.	16.2	10.8	1.4	0.118	0.057
13 07 78	1150			.3		35138	6	5700.	192.	252.	17.9	10.4	1.0	0.195	0.115
24 08 78	1320			.3		35201	6 0	3000.	310.	660.	21.0	9.8	0.6	0.162	0.092
26 09 78	1245			.3		35224	6	23000.	210.	20.	15.1	11.0	0.4	0.184	0.153
30 10 78	1330			.3		35297	6	200.	10. L	20.	8.9	11.2	0.8	0.176	0.175
14 11 78	1330			.3		35320	6	35000.	544.	180.	8.5	11.2	0.2	0.177	0.160
08 12 78	1145			.3		35378	6	10200E+1	180.	150.	3.9	12.3	0.4	0.099	0.082

(C O N T D)

```
                                     934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE .      SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO              COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P   REACTIVE
               FEET      MTRS                         MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

                      MAXIMUM                        10200E+1     544.       990.        21.0       12.3        1.4      0.195      0.175
          AVG OR GEOM MN (*)                          2676.* D     66.* D     70.*       10.1       11.2        0.7      0.148      0.108
                      MINIMUM                           90.         2.         4.         0.5        9.8        0.2      0.068      0.044

                NO OF SAMPLES                              11         11         11         11         11         11         11         11

                                      19         20         21         22         17         18         23          5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS     SOLIDS
               FEET      MTRS         MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

16 01 78 1205              .3        0.116      0.480      0.025      1.930      2.071      0.364      2.435      374.0        9.5        364
14 02 78 1230              .3        0.074      0.390      0.027      2.000      2.101      0.316      2.417      360.0        7.7        352
11 04 78 1335              .3        0.080      1.020      0.018      1.660      1.758      0.940      2.698      362.0       80.0        282
11 05 78 1245              .3        0.028      0.46       0.012      1.34       1.380      0.432      1.812      318.         4.5        313
13 06 78 1330              .3        0.098      0.730      0.031      0.990      1.119      0.632      1.751      310.0       21.0        289
13 07 78 1150              .3        0.038      0.760      0.022      1.360      1.420      0.722      2.142      322.0       15.0        307
24 08 78 1320              .3        0.034      0.550      0.013      0.985      1.032      0.516      1.548      316.0       11.0        305
26 09 78 1245              .3        0.020      0.600      0.009      1.040      1.069      0.580      1.649      343.0        6.7        336
30 10 78 1330              .3        0.008      0.42       0.007      1.49       1.505      0.412      1.917      341.         2.0        339
14 11 78 1330              .3        0.028      0.420      0.018      0.587      0.633      0.392      1.025      259.0        3.0        256
08 12 78 1145              .3        0.056      0.400      0.009      1.490      1.555      0.344      1.899      367.0        2.4        365

                      MAXIMUM        0.116      1.020      0.031      2.000      2.101      0.940      2.698      374.0       80.0        365
          AVG OR GEOM MN (*)         0.053      0.566      0.017      1.352      1.422      0.514      1.936      333.8       14.8        319
                      MINIMUM        0.008      0.390      0.007      0.587      0.633      0.316      1.025      259.0        2.0        256

                NO OF SAMPLES           11         11         11         11         11         11         11         11         11         11

                                      14         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN        MG/L
               FEET      MTRS        UMHOS      UNITS

16 01 78 1205              .3          590       3.60       21.5
14 02 78 1230              .3          580       3.90       21.0
11 04 78 1335              .3          435      36.00       14.0
11 05 78 1245              .3          475       3.6        16.5
13 06 78 1330              .3          465       5.60       15.0
13 07 78 1150              .3          470       7.40       19.0
24 08 78 1320              .3          450       5.40       19.5
26 09 78 1245              .3          540       3.90       23.0
30 10 78 1330              .3          540       2.2        22.5
14 11 78 1330              .3          550       2.10       23.5
08 12 78 1145              .3          590       2.00       31.0

                      MAXIMUM          590      36.00       31.0
          AVG OR GEOM MN (*)           517       6.88       20.6
                      MINIMUM          435       2.00       14.0

                NO OF SAMPLES           11         11         11
```

```
B.O.W./ SITE: LAMONT CREEK                                                                       STATION ID:  03-0057-009-02
SAMPLE POINT: HIGHWAY 26 STAYNER
STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                    MINOR BASIN: LAKE HURON                                        002
                                                    TERM STREAM: NOTTAWASAGA RIVER                                 2470

STN NO:      9    LAT:               LONG:                U T M: 17 0571900.0 4918850.0 4    REGION: 03         MILEAGE:    11.20

                                     934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO              COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P   REACTIVE
               FEET      MTRS                         MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

15 02 78 1110              .3        36070   4           188.        28.        20.        0.0        8.6        2.0      0.059      0.046
12 04 78 1030              .3        36171   6 3 0       200.        48.       600.        4.2       13.2        1.8      0.250      0.175
10 05 78 1535              .3        35036   6           128.         4.  L     36.       12.0       13.8        1.0      0.127      0.084
15 06 78 1540              .3        35092   6           540.       508.       292.       22.6       10.4        1.0      0.071      0.001
12 07 78 1410              .3        35131   5          3000.        76.       256.       23.7       11.2        2.0      0.156      0.008
23 08 78 1540              .3        35194   5          1000.        60.        64.       26.0       11.2        5.0      0.053      0.003
28 09 78 1510              .3        35250   6          6300.        52.       140.       19.0       10.6        2.4      0.051      0.001
24 10 78 1440              .3        35290   6          1300.        20.       190.        8.1       13.8        4.6      0.077      0.019
16 11 78 1510              .3        35346   6           500.        92.       580.        8.9       12.9        7.2      0.086      0.025
06 12 78 1450              .3        35371   6 0        3100.       520.       600.  G     2.8       13.6        1.0      0.189      0.150

                      MAXIMUM                           6300.       520.       600.       26.0       13.8        7.2      0.250      0.175
          AVG OR GEOM MN (*)                             793.*       60.* D    169.* U    12.7       11.9        2.8      0.112      0.051
                      MINIMUM                            128.         4.        20.        0.0        8.6        1.0      0.051      0.001

                NO OF SAMPLES                              10         10         10         10         10         10         10         10

                                      19         20         21         22         17         18         23          5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS     SOLIDS
               FEET      MTRS         MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

15 02 78 1110              .3        0.066      0.610      0.009      1.010      1.085      0.544      1.629      518.0        2.6        515
12 04 78 1030              .3        0.310      0.880      0.032      3.950      4.292      0.570      4.862      322.0       23.0        299
10 05 78 1535              .3        0.010      0.590      0.010      0.385      0.405      0.580      0.985      366.0        2.5        364
15 06 78 1540              .3        0.004      0.430      0.002      0.010      0.016      0.426      0.442      255.0        1.4
12 07 78 1410              .3        0.002L     0.880      0.001      0.645      0.648      0.878      1.526      699.0        5.2        649
23 08 78 1540              .3        0.050      0.450      0.053      0.535      0.638      0.400      1.038      435.0        7.1        428
28 09 78 1510              .3        0.002      0.450      0.006      0.695      0.703      0.448      1.151     1820.0        4.8       1815
24 10 78 1440              .3        0.002L     0.54       0.005      0.100      0.107      0.538      0.645      746.         2.6        743
16 11 78 1510              .3        0.002      0.680      0.009      0.251      0.262      0.678      0.940      612.0        3.0        609
06 12 78 1450              .3        0.108      0.780      0.013      0.937      1.058      0.672      1.730      488.0        2.0        486

                      MAXIMUM        0.310      0.880      0.053      3.950      4.292      0.878      4.862     1820.0       23.0       1815
          AVG OR GEOM MN (*)         0.056D     0.629      0.014      0.852      0.921      0.573      1.495      626.1        5.4        656
                      MINIMUM        0.002      0.430      0.001      0.010      0.016      0.400      0.442      255.0        1.4        299

                NO OF SAMPLES           10         10         10         10         10         10         10         10         10          9
```

(C O N T D)

STATION ID: 03-0057-009-02

B.O.W./ SITE: LAMONT CREEK
SAMPLE POINT: HIGHWAY 26 STAYNER
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 9 LAT: LONG: U T M: 17 0571900.0 4918850.0 4 REGION: 03 MILEAGE: 11.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
15 02 78 1110			.3			855	2.70	73.0			8.05
12 04 78 1030			.3			475	12.00	17.5			8.09
10 05 78 1535			.3			600	2.60	42.5			8.48
15 06 78 1540			.3		254	390	1.70	52.0			8.34
12 07 78 1410			.3			1090	3.20	205.0			7.95
23 08 78 1540			.3			680	2.10	66.0			7.82
28 09 78 1510			.3			2440	3.00	800.0	4.1	260	8.04
24 10 78 1440			.3			1230	3.4	210.			8.08
16 11 78 1510			.3			1110	2.40	132.0	6.0	294	7.98
06 12 78 1450			.3			790	3.00	77.0	5.3	273	8.02
MAXIMUM					254	2440	12.00	800.0	6.0	294	8.48
AVG OR GEOM MN (*)					254	966	3.61	167.5	5.1	276	8.09
MINIMUM					254	390	1.70	17.5	4.1	260	7.82
NO OF SAMPLES					1	10	10	10	3	3	10

STATION ID: 03-0057-010-02

B.O.W./ SITE: PINE RIVER
SAMPLE POINT: UPSTREAM FROM NOTTAWASAGA RIVER ANGUS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 10 LAT: LONG: U T M: 17 0588800.0 4907600.0 4 REGION: 03 MILEAGE: 32.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1200			.3		36044	4	1320.	2.	60.	0.0	11.6	0.6	0.072	0.047
14 02 78 1135			.3		36064	4	50.	2. L	4.	0.0	11.8	0.6	0.090	0.059
11 04 78 1215			.3		36164	3 6	1100.	20.	180.	4.2	13.6	1.0	0.102	0.032
11 05 78 1215			.3		35042	6	300.	10. L	50.	10.8	10.8	0.2	0.080	0.030
13 06 78 1240			.3		35065	6	3800.	240.	170.	14.9	12.4	1.8	0.174	0.019
13 07 78 1120			.3		35137	6	1100.	110.	180.	16.8	10.4	1.0	0.042	0.021
24 08 78 1230			.3		35200	6	9400.	270.	280.	19.0	10.4	1.0	0.092	0.059
26 09 78 1210			.3		35223	6	100.	10. L	20.	13.1	10.6	0.6	0.114	0.069
30 10 78 1250			.3		35296	6	130.	4.	4. L	6.9	11.8	0.6	0.065	0.045
14 11 78 1245			.3		35319	6	456.	14.	132.	7.1	10.7	1.0	0.066	0.030
08 12 78 1115			.3		35377	6	330.	6.	22.	3.8	11.9	0.2	0.049	0.032
MAXIMUM							9400.	270.	280.	19.0	13.6	1.8	0.174	0.069
AVG OR GEOM MN (*)							559.*	16.* D	49.* D	8.8	11.5	0.8	0.086	0.040
MINIMUM							50.	2.	4.	0.0	10.4	0.2	0.042	0.019
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1200			.3		0.264	0.590	0.005	1.530	1.799	0.326	2.125	300.0	13.0	287
14 02 78 1135			.3		0.286	0.560	0.007	1.820	2.113	0.274	2.387	283.0	9.7	273
11 04 78 1215			.3		0.086	0.720	0.012	1.670	1.768	0.634	2.402	366.0	112.0	
11 05 78 1215			.3		0.140	0.57	0.011	2.69	2.841	0.430	3.271	305.	17.	288
13 06 78 1240			.3		0.120	1.020	0.024	2.110	2.254	0.900	3.154	417.0	147.0	
13 07 78 1120			.3		0.138	0.410	0.024	1.810	1.972	0.272	2.244	272.0	15.0	
24 08 78 1230			.3		0.264	0.580	0.063	0.985	1.312	0.316	1.628	267.0	13.0	
26 09 78 1210			.3		0.242	0.660	0.032	0.785	1.059	0.418	1.477	287.0	14.0	
30 10 78 1250			.3		0.314	0.62	0.004	0.855	1.173	0.306	1.479	281.	1.9	279
14 11 78 1245			.3		0.014	0.310	0.006	1.540	1.560	0.296	1.856	280.0	10.0	
08 12 78 1115			.3		0.070	0.330	0.006	1.090	1.166	0.260	1.426	272.0	5.4	267
MAXIMUM					0.314	1.020	0.063	2.69	2.841	0.900	3.271	417.0	147.0	288
AVG OR GEOM MN (*)					0.176	0.579	0.018	1.535	1.729	0.403	2.132	302.7	32.5	279
MINIMUM					0.014	0.310	0.004	0.785	1.059	0.260	1.426	267.0	1.9	267
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1200			.3			470	7.70	10.5
14 02 78 1135			.3			451	9.10	9.0
11 04 78 1215			.3		254	390	56.00	8.1
11 05 78 1215			.3			440	18.	10.0
13 06 78 1240			.3		270	415	52.00	9.5
13 07 78 1120			.3		257	395	6.50	10.5
24 08 78 1230			.3		254	390	6.20	9.8
26 09 78 1210			.3		273	420	7.40	8.6
30 10 78 1250			.3			440	2.6	9.5
14 11 78 1245			.3		270	415	4.50	8.5
08 12 78 1115			.3			440	3.90	9.1
MAXIMUM					273	470	56.00	10.5
AVG OR GEOM MN (*)					263	424	15.81	9.4
MINIMUM					254	390	2.6	8.1
NO OF SAMPLES					6	11	11	11

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: FIRST BRIDGE ON HIGHWAY 24 NORTH OF HIGHWAY 10
STATION TYPE: RIVER
STATION ID: 03-0057-011-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER
STORET CODE: 02
002
2470

STN NO: 11   LAT: LONG: U T M: 17 0564875.0 4881425.0 4   REGION: 02   MILEAGE: 76.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1245			.3		38305	4	10000E+3	34000E+1	52000.	3.0	4.8	10.0	2.630	1.700
25 01 78	1235			.3		38347	6 0	84000E+2	15000E+1	32000.	4.0	3.1	24.0	2.780	2.210
21 02 78	1300			.3		38353	4 0	44000E+2	40000E+1	63000.	2.0	4.1	35.0	3.330	2.450
28 03 78	1225			.3		38393	6 0	50000E+1	12000E+1	22000.	2.0	7.7	6.5	0.830	0.750
11 04 78	1145			.3		38433	3	39000E+1	79000.	16000.	1.5	9.4	6.5	0.620	0.085
09 05 78	1215			.3		38475	8	15000E+1G	14000.	1500. G	12.5	13.0	11.0	0.850	0.470
28 06 78	1220			.3		38515	7	19000.	1300.	78.	24.0	7.2	14.0	1.370	0.775
20 07 78	1145			.3		38557	7	18000.	610.	460.	25.5	8.0	26.0	2.930	1.650
30 08 78	1100			.3		38600	8	32000E+1	10000.	1000.	17.5	9.9	16.0	1.530	1.000
18 09 78	1230			.3		38641	8	15000E+1	11700.	1900.	11.7	6.4	15.	2.320	1.480
24 10 78	1210			.3		38682	8	45000E+1	60000.	8900.	7.0	7.6	12.0	2.850	1.950
08 11 78	1205			.3		38722	8	15000E+1	9000.		6.8	8.5	19.0	2.500	2.000
14 12 78	1250			.3		38760	8	12800E+2	28000E+1	15000. G	2.0	7.4	24.0	2.430	1.500
MAXIMUM								10000E+3	40000E+1	63000.	25.5	13.0	35.0	3.330	2.450
AVG OR GEOM MN (*)								42617E+*U	32068.*	5311.* U	9.2	7.5	16.8	2.075	1.386
MINIMUM								18000.	610.	78.	1.5	3.1	6.5	0.620	0.085
NO OF SAMPLES								13	13	12	13	13	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1245			.3		9.600	12.500	0.200	0.205	10.005	2.900	12.905	638.0	20.0	618
25 01 78	1235			.3		11.600	13.800	0.010	0.460	12.070	2.200	14.270	660.0	13.0	647
21 02 78	1300			.3		13.400	17.700	0.006	0.005L	13.411	4.300	17.711	690.0	15.0	675
28 03 78	1225			.3		4.350	4.800	0.036	2.080	6.466	0.450	6.916	554.0	8.0	546
11 04 78	1145			.3		0.480	1.850	0.027	2.250	2.757	1.370	4.127	992.0	722.0	
09 05 78	1215			.3		2.650	4.700	0.035	0.665	3.350	2.050	5.400	569.0	43.0	526
28 06 78	1220			.3		1.290	5.200	0.625	0.575	2.490	3.910	6.400	633.0	26.0	607
20 07 78	1145			.3		5.400	9.800	0.165	0.145	5.710	4.400	10.110	703.0	45.0	658
30 08 78	1100			.3		0.640	6.250	0.270	0.485	1.395	5.610	7.005	617.0	46.0	571
18 09 78	1230			.3		3.360	7.000	0.325	0.335	4.020	3.640	7.660	553.0	25.0	528
24 10 78	1210			.3		7.500	12.800	0.200	0.670	8.370	5.300	13.670	689.0	44.0	645
08 11 78	1205			.3		6.900	13.000	0.140	0.810	7.850	6.100	13.950	668.0	46.0	622
14 12 78	1250			.3		13.000	13.000	0.015	0.690	13.705	0.000	13.705	699.0	37.0	662
MAXIMUM						13.400	17.700	0.625	2.250	13.705	6.100	17.711	992.0	722.0	675
AVG OR GEOM MN (*)						6.167	9.415	0.158	0.721D	7.046	3.248	10.295	666.5	83.8	609
MINIMUM						0.480	1.850	0.006	0.005	1.395	0.000	4.127	553.0	8.0	526
NO OF SAMPLES						13	13	13	13	13	13	13	13	13	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	1245			.3			1060	13.00	83.0	64.0
25 01 78	1235			.3			1120	17.00	98.0	67.0
21 02 78	1300			.3			1150	17.00	110.0	72.0
28 03 78	1225			.3			910	12.00	83.0	
11 04 78	1145			.3		270	415	140.00	27.5	
09 05 78	1215			.3			820	19.00	78.0	
28 06 78	1220			.3			940	9.40	105.0	55.0
20 07 78	1145			.3			1040	8.70	118.0	63.0
30 08 78	1100			.3			880	4.10	103.0	56.0
18 09 78	1230			.3			840	7.60	88.0	50.0
24 10 78	1210			.3			1075	16.00	115.0	
08 11 78	1205			.3			1060	14.00	115.0	70.0
14 12 78	1250			.3			1120	14.00	140.0	75.0
MAXIMUM						270	1150	140.00	140.0	75.0
AVG OR GEOM MN (*)						270	956	22.45	97.2	63.6
MINIMUM						270	415	4.10	27.5	50.0
NO OF SAMPLES						1	13	13	13	9

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: FIRST CONCESSION ROAD EAST OF HIGHWAY NO 24 NORTH OF HIGHWAY NO 10
STATION TYPE: RIVER
STATION ID: 03-0057-012-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER
STORET CODE: 02
002
2470

STN NO: 12   LAT: LONG: U T M: 17 0565825.0 4883900.0 4   REGION: 02   MILEAGE: 73.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1230			.3		38304	4	1700.	304.	80.	3.0	9.6	0.8	0.176	0.140
25 01 78	1225			.3		38346	4	9000.	600.	120.	4.0	8.9	0.6	0.196	0.187
21 02 78	1235			.3		38352	4	6500.	910.	190.	0.5	10.1	1.0	0.285	0.270
28 03 78	1215			.3		38392	6	4000.	820.	330.	1.8	10.6	0.8	0.103	0.088
11 04 78	1135			.3		38432	3	56000.	1700.	1160.	2.0	11.5	2.5	0.245	0.035
09 05 78	1205			.3		38474	6	280.	56.	40.	10.5	11.0	1.2	0.074	0.032
28 06 78	1210			.3		38514	8	900.	200.	254.	22.0	9.8	0.8	0.144	0.096
20 07 78	1220			.3		38556	8	370.	80.	200.	24.5	8.3	1.5	0.154	0.110
30 08 78	1115			.3		38599	8	220.	70.	180.	16.5	10.2	1.0	0.157	0.137
18 09 78	1215			.3		38640	6	420.	210.	110.	11.7	8.4	1.4	0.340	0.270
24 10 78	1200			.3		38681	6	480.	240.	20.	5.5	14.4	0.8	0.290	0.210
08 11 78	1155			.3		38721	6	800.	110.		4.0	13.5	0.6	0.230	0.190
14 12 78	1240			.3		38759	4	7800.	1340.	540.	1.0	12.6	2.0	0.230	0.150
MAXIMUM								56000.	1700.	1160.	24.5	14.4	2.5	0.340	0.270
AVG OR GEOM MN (*)								1630.*	291.*	161.*	8.2	10.7	1.2	0.202	0.147
MINIMUM								220.	56.	20.	0.5	8.3	0.6	0.074	0.032
NO OF SAMPLES								13	13	12	13	13	13	13	13

(CONTD)

STATION ID: 03-0057-012-02

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: FIRST CONCESSION ROAD EAST OF HIGHWAY NO 24 NORTH OF HIGHWAY NO 10
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER
STORET CODE: 02
002
2470

STN NO: 12 LAT: LONG: U T M: 17 0565825.0 4883900.0 4 REGION: 02 MILEAGE: 73:70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1230			.3		0.560	1.100	0.010	0.955	1.525	0.540	2.065	374.0	2.6	371
25 01 78 1225			.3		0.890	1.450	0.014	0.886	1.790	0.560	2.350	353.0	1.5	351
21 02 78 1235			.3		1.380	1.890	0.013	1.020	2.413	0.510	2.923	378.0	1.3	377
28 03 78 1215			.3		0.430	0.950	0.012	1.100	1.542	0.520	2.062	365.0	2.6	362
11 04 78 1135			.3		0.156	1.150	0.014	1.220	1.390	0.994	2.384	381.0	137.0	
09 05 78 1205			.3		0.078	0.730	0.023	1.000	1.101	0.652	1.753	311.0	4.7	306
28 06 78 1210			.3		0.052	0.760	0.032	0.275	0.359	0.708	1.067	341.0	7.0	334
20 07 78 1220			.3		0.044	0.750	0.044	0.251	0.339	0.706	1.045	338.0	4.1	334
30 08 78 1115			.3		0.038	0.760	0.030	0.505	0.573	0.722	1.295	383.0	3.2	380
18 09 78 1215			.3		0.134	0.940	0.059	0.850	1.043	0.806	1.849	403.0	3.0	400
24 10 78 1200			.3		0.162	0.880	0.034	1.120	1.316	0.718	2.034	404.0	1.9	402
08 11 78 1155			.3		0.194	1.260	0.020	1.130	1.344	1.066	2.410	389.0	5.0	384
14 12 78 1240			.3		0.700	1.680	0.010	1.040	1.750	0.980	2.730	437.0	10.0	427
MAXIMUM					1.380	1.890	0.059	1.220	2.413	1.066	2.923	437.0	137.0	427
AVG OR GEOM MN (*)					0.371	1.100	0.024	0.873	1.268	0.729	1.997	373.6	14.1	369
MINIMUM					0.038	0.730	0.010	0.251	0.339	0.510	1.045	311.0	1.3	306
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78 1230			.3			605	1.60	23.0	23.5
25 01 78 1225			.3			610	2.40	25.5	23.5
21 02 78 1235			.3			625	2.10	26.5	22.5
28 03 78 1215			.3			600	2.00	35.0	
11 04 78 1135			.3		244	375	54.00	14.5	
09 05 78 1205			.3			485	3.60	23.5	
28 06 78 1210			.3			520	3.20	19.5	11.0
20 07 78 1220			.3			540	1.50	37.5	21.5
30 08 78 1115			.3			580	3.50	35.0	33.0
18 09 78 1215			.3			620	2.10	38.5	31.5
24 10 78 1200			.3			640	1.80	36.5	
08 11 78 1155			.3			630	2.20	34.0	37.0
14 12 78 1240			.3			680	3.00	42.0	46.5
MAXIMUM					244	680	54.00	42.0	46.5
AVG OR GEOM MN (*)					244	578	6.39	30.1	27.8
MINIMUM					244	375	1.50	14.5	11.0
NO OF SAMPLES					1	13	13	13	9

STATION ID: 03-0057-014-02

B.O.W./ SITE: BEETON CREEK
SAMPLE POINT: SECOND CONCESSION RD NORTH OF BEETON
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER
STORET CODE: 02
002
2470

STN NO: 14 LAT: LONG: U T M: 17 0598325.0 4884400.0 4 REGION: 03 MILEAGE: 58.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1145			.3		36038	4	1500.	148.	24.	0.0	10.6	0.2	0.055	0.007
14 02 78 1345			.3		36067	4	2900.	40.	10.	0.0	11.6	0.2	0.036	0.014
11 04 78 1500			.3		36167	3 6	27000.	420.	650.	4.8	13.6	2.0	0.400	0.053
11 05 78 1340			.3		35045	6	200.	10. L	90.	15.0	14.8	0.4	0.040	0.001
13 06 78 1415			.3		35068	6	6400.	1420.	1500. G	15.0	12.0	2.0	0.124	0.024
14 07 78 0825			.3		35140	6	3400.	1000.	1100.	10.5	6.8	2.0	0.062	0.008
24 08 78 1410			.3		35203	6	52000.	2300.	1300.	21.6	9.5	1.4	0.091	0.012
26 09 78 1335			.3		35226	6	1000.	100.	100. L	15.8	10.6	0.6	0.062	0.008
30 10 78 1410			.3		35299	6	300.	10. L	10.	9.5	11.7	0.8	0.026	0.002
14 11 78 1410			.3		35322	6	1060.	288.	212.	9.1	11.3	2.0	0.246	0.105
08 12 78 1255			.3		35380	6	4700.	630.	370.	2.4	12.1	3.4	0.306	0.186
MAXIMUM							52000.	2300.	1500.	21.6	14.8	3.4	0.400	0.186
AVG OR GEOM MN (*)							2619.*	194.* D	164.* E	9.4	11.3	1.4	0.132	0.038
MINIMUM							200.	10.	10.	0.0	6.8	0.2	0.026	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1145			.3		0.062	0.450	0.007	1.340	1.409	0.388	1.797	427.0	27.0	400
14 02 78 1345			.3		0.108	0.440	0.008	1.110	1.226	0.332	1.558	382.0	19.0	363
11 04 78 1500			.3		0.210	1.600	0.022	1.980	2.212	1.390	3.602	642.0	351.0	291
11 05 78 1340			.3		0.004	0.53	0.010	0.205	0.219	0.526	0.745	347.	8.2	339
13 06 78 1415			.3		0.194	0.900	0.046	0.350	0.590	0.706	1.296	323.0	29.0	294
14 07 78 0825			.3		0.042	0.570	0.008	0.062	0.112	0.528	0.640		16.0	
24 08 78 1410			.3		0.042	0.640	0.019	0.275	0.336	0.598	0.934	320.0	33.0	287
26 09 78 1335			.3		0.060	0.600	0.015	0.400	0.475	0.540	1.015	354.0	21.0	333
30 10 78 1410			.3		0.006	0.36	0.006	0.255	0.267	0.354	0.621	323.	5.5	317
14 11 78 1410			.3		0.088	1.080	0.016	0.439	0.543	0.992	1.535	397.0	18.0	379
08 12 78 1255			.3		1.360	2.700	0.021	0.834	2.215	1.340	3.555	426.0	21.0	405
MAXIMUM					1.360	2.700	0.046	1.980	2.215	1.390	3.602	642.0	351.0	405
AVG OR GEOM MN (*)					0.198	0.897	0.016	0.659	0.873	0.699	1.573	394.1	49.9	341
MINIMUM					0.004	0.36	0.006	0.062	0.112	0.332	0.621	320.0	5.5	287
NO OF SAMPLES					11	11	11	11	11	11	11	10	11	10

(CONTD)

```
                                       107         14        16         56
SAMP DTE HOUR   STN  STN SAMP  PJ   CALCUL       COND.     TURB.   CHLORIDE
DY MO YR LMT    DIST BRG DEPTH      D-SOLIDS       25C  FORMAZIN       MG/L
                FEET      MTRS      MG/L         UMHOS     UNITS

16 01 78 1145              .3                      640      6.20       18.0
14 02 78 1345              .3                      590      7.70       17.5
11 04 78 1500              .3                      445     99.00       12.0
11 05 78 1340              .3                      530      3.6        17.5
13 06 78 1415              .3                      475      7.50       15.0
14 07 78 0825              .3          257         395     14.00        9.6
24 08 78 1410              .3                      435     14.00       21.5
26 09 78 1335              .3                      520      9.50       17.0
30 10 78 1410              .3                      495      4.0        17.5
14 11 78 1410              .3                      730      6.50       75.0
08 12 78 1255              .3                      680     14.00       55.5

                      MAXIMUM          257         730     99.00       75.0
          AVG OR GEOM MN (*)           257         540     16.91       25.1
                      MINIMUM          257         395      3.6         9.6

                NO OF SAMPLES            1          11        11         11


 B.O.W./ SITE: BOYNE RIVER                                                              STATION ID:  03-0057-016-02
 SAMPLE POINT: AT HIGHWAY 10 AND 89 SHELBURNE
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                        002
                                                       TERM STREAM: NOTTAWASAGA RIVER                                 2470

STN NO:     16     LAT:               LONG:            U T M: 17 0564500.0 4880875.0 4    REGION: 02          MILEAGE:   76.50

                                     934       901      80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD    TOTAL     FECAL      M.F.     WATER      DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO          COLIFORM  COLIFORM    ENTER.     TEMP.        02      BOD          P  REACTIVE
               FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L     MG/L      MG/L    P MG/L

18 01 78 1250             .3       38306   4         110.        4. L     8.        2.0       9.8      0.6      0.058     0.010
25 01 78 1250             .3       38348   4         340.       10. L    80.        3.0       8.0      0.4      0.038     0.023
21 02 78 1310             .3       38354   4 9       250.        8.      12.        1.0       9.7      0.5      0.049     0.031
28 03 78 1230             .3       38394   4 9       800.      288.     220.        1.0       9.0      1.2      0.092     0.028
11 04 78 1200             .3       38434   3        2600.      770.    1500.  G     1.5       9.8      2.8      0.435     0.072
09 05 78 1220             .3       38476   6 9      2000.      280.     610.       13.5      13.0      2.8      0.194     0.012
28 06 78 1230             .3       38516   8        3700.       38.      86.       20.0       9.5      2.4      0.086     0.006
20 07 78 1135             .3       38558   8 9       600.       20.     360.       23.0      13.9      2.5      0.144     0.006
30 08 78 1125             .3       38601   8 9      1500.  G   876.     600.  G    17.5       3.6      1.8      0.078     0.010
18 09 78 1235             .3       38642   6        5800.      290.     630.       11.5       8.2      1.4      0.082     0.020

                   MAXIMUM                          5800.      876.    1500.       23.0      13.9      2.8      0.435     0.072
        AVG OR GEOM MN (*)                           972.* U    72.* D  168.* U     9.4       9.5      1.6      0.126     0.022
                   MINIMUM                           110.        4.       8.        1.0       3.6      0.4      0.038     0.006

              NO OF SAMPLES                            10        10       10        10        10       10        10        10
                                     19        20       21        22        17        18        23        5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED    TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L



18 01 78 1250             .3        0.090     0.750    0.017     1.580     1.687     0.660     2.347     601.0      16.0       585
25 01 78 1250             .3        0.310     0.840    0.020     0.975     1.305     0.530     1.835     615.0       7.3       608
21 02 78 1310             .3        0.312     0.830    0.012     0.950     1.274     0.518     1.792     640.0       8.8       631
28 03 78 1230             .3        0.182     1.000    0.030     2.420     2.632     0.818     3.450     616.0      42.0       574
11 04 78 1200             .3        0.218     1.400    0.020     2.130     2.368     1.182     3.550     662.0     428.0
09 05 78 1220             .3        0.074     1.290    0.018     0.950     1.042     1.216     2.258     561.0     119.0       442
28 06 78 1230             .3        0.050     0.770    0.020     4.080     4.150     0.720     4.870     861.0     210.0       651
20 07 78 1135             .3        0.126     0.900    0.071     7.930     8.127     0.774     8.901     758.0      58.0       700
30 08 78 1125             .3        0.084     0.810    0.012     0.715     0.811     0.726     1.537     498.0      26.0       472
18 09 78 1235             .3        0.032     0.600    0.007     0.055     0.094     0.568     0.662     297.0       7.1       290

                   MAXIMUM          0.312     1.400    0.071     7.930     8.127     1.216     8.901     861.0     428.0       700
        AVG OR GEOM MN (*)          0.148     0.919    0.023     2.179     2.349     0.771     3.120     610.9      92.2       550
                   MINIMUM          0.032     0.600    0.007     0.055     0.094     0.518     0.662     297.0       7.1       290

              NO OF SAMPLES            10        10       10        10        10        10        10        10        10         9
                                    107        14        16        56        59
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL     COND.     TURB.  CHLORIDE  SULPHATE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS     25C  FORMAZIN      MG/L
               FEET      MTRS     MG/L       UMHOS     UNITS                MG/L

18 01 78 1250             .3                   930      6.20      59.0      61.0
25 01 78 1250             .3                  1000      6.90      80.0      67.0
21 02 78 1310             .3                   985      7.70      75.0      70.0
28 03 78 1230             .3                   910     19.00      98.0
11 04 78 1200             .3        234        360    120.00      14.5
09 05 78 1220             .3                   790     62.00      67.0
28 06 78 1230             .3                   990     27.00     148.0      34.0
20 07 78 1135             .3                  1100      7.00     143.0      44.5
30 08 78 1125             .3                   750     11.00     105.0      26.0
18 09 78 1235             .3                   480      7.80      42.5      18.5

                   MAXIMUM          234       1100    120.00     148.0      70.0
        AVG OR GEOM MN (*)          234        830     27.46      83.2      45.9
                   MINIMUM          234        360      6.20      14.5      18.5

              NO OF SAMPLES           1         10        10        10         7
```

STATION ID: 03-0057-021-02

B.O.W./ SITE: MAD RIVER
SAMPLE POINT: AT CONCESSION ROAD 2 TOSORONTIO TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02ED005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 21 LAT: LONG: U T M: 17 0579600.0 4906025.0 4 REGION: 03 MILEAGE: 38.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
15 02 78 1045			.3		36069	4	68.20	50.	4.	16.	0.0	6.4	2.4	0.015
12 04 78 1000			.3		36170	3 6	788.00	1100.	132.	220.	3.8	14.8	1.2	0.162
10 05 78 1600			.3		35037	6	316.00	490.	80.	250.	11.1	11.6	0.4	0.023
15 06 78 1605			.3		35093	6	116.00	310.	164.	84.	18.0	10.0	1.0	0.017
12 07 78 1430			.3		35132	6	59.70	500.	124.	108.	21.0	10.4	0.4	0.019
23 08 78 1600			.3		35195	6	43.80	550.	428.	496.	23.8	12.8	0.2	0.016
28 09 78 1530			.3		35251	6	51.40	170.	20.	130.	13.9	11.4	0.4	0.011
24 10 78 1510			.3		35291	6	53.60	130.	24.	28.	8.6	11.2	0.2	0.009
16 11 78 1530			.3		35347	6	70.10	170.	48.	100.	6.4	11.4	0.8	0.011
06 12 78 1515			.3		35372	6	106.00	240.	76.	536.	3.0	11.6	0.4	0.019
MAXIMUM							788.00	1100.	428.	536.	23.8	14.8	2.4	0.162
AVG OR GEOM MN (*)							167.28	270.*	60.*	123.*	11.0	11.2	0.7	0.030
MINIMUM							43.80	50.	4.	16.	0.0	6.4	0.2	0.009
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
15 02 78 1045			.3		0.006	0.002	0.400	0.010	1.960	1.972	0.398	2.370	341.0	18.0
12 04 78 1000			.3		0.017	0.040	0.700	0.012	1.440	1.492	0.660	2.152	409.0	165.0
10 05 78 1600			.3		0.003	0.008	0.410	0.005	1.790	1.803	0.402	2.205	286.0	20.0
15 06 78 1605			.3		0.013	0.008	0.410	0.006	0.470	0.484	0.402	0.886	268.0	14.0
12 07 78 1430			.3		0.002	0.008	0.310	0.008	1.450	1.466	0.302	1.768	286.0	13.0
23 08 78 1600			.3		0.004	0.016	0.300	0.007	0.900	0.923	0.284	1.207	266.0	12.0
28 09 78 1530			.3		0.002	0.002L	0.280	0.004	1.100	1.106	0.278	1.384	283.0	5.9
24 10 78 1510			.3		0.001	0.002	0.30	0.003	1.05	1.055	0.298	1.353	295.	2.6
16 11 78 1530			.3		0.007	0.006	0.340	0.003	1.170	1.179	0.334	1.513	297.0	5.0
06 12 78 1515			.3		0.003	0.010	0.370	0.005	1.250	1.265	0.360	1.625	307.0	13.0
MAXIMUM					0.017	0.040	0.700	0.012	1.960	1.972	0.660	2.370	409.0	165.0
AVG OR GEOM MN (*)					0.006	0.010D	0.382	0.006	1.258	1.275	0.372	1.646	303.8	26.9
MINIMUM					0.001	0.002	0.280	0.003	0.470	0.484	0.278	0.886	266.0	2.6
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1045			.3		323		525	7.80	8.7
12 04 78 1000			.3			244	375	66.00	6.8
10 05 78 1600			.3			266	410	7.20	7.6
15 06 78 1605			.3			254	390	5.20	7.7
12 07 78 1430			.3			273	420	7.50	8.2
23 08 78 1600			.3			254	390	6.70	7.5
28 09 78 1530			.3		277		435	4.10	7.6
24 10 78 1510			.3		292		465	2.8	9.1
16 11 78 1530			.3		292		470	4.50	9.1
06 12 78 1515			.3		294		470	8.30	9.9
MAXIMUM					323	273	525	66.00	9.9
AVG OR GEOM MN (*)					296	258	435	12.01	8.2
MINIMUM					277	244	375	2.8	6.8
NO OF SAMPLES					5	5	10	10	10

STATION ID: 03-0057-023-02

B.O.W./ SITE: NOTTAWASAGA RIVER
SAMPLE POINT: AT HIGHWAY NO 26 EDENVALE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 23 LAT: LONG: U T M: 17 0587600.0 4922450.0 4 REGION: 03 MILEAGE: 19.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1550			.3		36077	4	76.	4.	4.	5.5	6.0	1.8	0.026	0.010
12 04 78 1255			.3		36176	3 6	380.	8.	136.	2.5	10.6	0.6	0.048	0.017
10 05 78 1330			.3		35031	6	670.	10. L	1300.	10.3	9.2	1.0	0.060	0.011
15 06 78 1250			.3		35087	6	5400.	340.	60.	16.0	8.8	1.4	0.069	0.021
12 07 78 1155			.3		35126	6	300.	50.	90.	19.8	9.2	0.8	0.060	0.003
23 08 78 1300			.3		35189	6	100.	80.	90.	23.9	10.7	0.6	0.072	0.015
28 09 78 1205			.3		35245	6	790.	44.	108.	13.1	9.3	0.6	0.061	0.024
24 10 78 1220			.3		35285	6	180.	8.	32.	8.1	9.7	0.2	0.038	0.014
16 11 78 1240			.3		35341	6	1700.	52.	116.	6.7	10.8	0.2	0.028	0.015
06 12 78 1225			.3		35366	4	1600.	40.	136.	1.9	11.1	0.2	0.032	0.016
MAXIMUM							5400.	340.	1300.	23.9	11.1	1.8	0.072	0.024
AVG OR GEOM MN (*)							511.*	28.* D	85.*	10.8	9.5	0.7	0.049	0.015
MINIMUM							76.	4.	4.	1.9	6.0	0.2	0.026	0.003
NO OF SAMPLES							10	10	10	10	10	10	10	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78 1550			.3		0.076	0.510	0.026	0.154	0.256	0.434	0.690	366.0	3.2	363
12 04 78 1255			.3		0.058	0.520	0.018	1.660	1.736	0.462	2.198	256.0	16.0	
10 05 78 1330			.3		0.028	0.660	0.010	1.090	1.128	0.632	1.760	303.0	28.0	
15 06 78 1250			.3		0.076	0.710	0.017	0.835	0.928	0.634	1.562	310.0	30.0	280
12 07 78 1155			.3		0.010	0.460	0.011	0.809	0.830	0.450	1.280	292.0	22.0	
23 08 78 1300			.3		0.058	0.420	0.015	0.615	0.688	0.362	1.050	298.0	31.0	
28 09 78 1205			.3		0.040	0.460	0.012	0.640	0.692	0.420	1.112	327.0	22.0	305
24 10 78 1220			.3		0.026	0.40	0.010	0.565	0.601	0.374	0.975	298.	5.0	
16 11 78 1240			.3		0.006	0.430	0.007	0.828	0.841	0.424	1.265	287.0	7.0	280
06 12 78 1225			.3		0.044	0.410	0.006	0.944	0.994	0.366	1.360	321.0	8.0	313
MAXIMUM					0.076	0.710	0.026	1.660	1.736	0.634	2.198	366.0	31.0	363
AVG OR GEOM MN (*)					0.042	0.498	0.013	0.814	0.869	0.456	1.325	305.8	17.2	308
MINIMUM					0.006	0.40	0.006	0.154	0.256	0.362	0.690	256.0	3.2	280
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1550			.3			600	4.30	45.0
12 04 78 1255			.3		240	370	19.00	10.5
10 05 78 1330			.3		275	435	16.00	11.5
15 06 78 1250			.3			445	12.00	10.5
12 07 78 1155			.3		270	415	12.00	11.0
23 08 78 1300			.3		267	410	18.00	10.5
28 09 78 1205			.3			465	15.00	11.5
24 10 78 1220			.3		293	475	5.2	12.0
16 11 78 1240			.3			475	4.50	14.0
06 12 78 1225			.3			510	7.30	14.5
MAXIMUM					293	600	19.00	45.0
AVG OR GEOM MN (*)					269	460	11.33	15.1
MINIMUM					240	370	4.30	10.5
NO OF SAMPLES					5	10	10	10

S.O.W./ SITE: BEETON CREEK
SAMPLE POINT: AT SIMCOE COUNTY ROAD NO.10 NORTH OF TOTTINGHAM
STATION TYPE: RIVER FLOW GAUGE FED 02ED100

STATION ID: 03-0057-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 24 LAT: LONG: U T M: 17 0595250.0 4876950.0 4 REGION: 03 MILEAGE: 66.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
14 02 78 1420			.3		36068	4	4700.	200.	10. L	0.0	11.4	4.8	0.134	0.032
11 04 78 1520			.3		36168	3 6	65000.	1160.	1500. G	5.0	13.6	2.0	0.252	0.120
11 05 78 1400			.3		35046	6	500.	10. L	100.	16.8	16.4	1.0	0.073	0.007
13 06 78 1430			.3		35069	6	2400.	110.	60.	16.0	14.4	2.4	0.236	0.030
14 07 78 0845			.3		35141	6 8	1900.	420.	440.	10.6	9.4	1.6	0.058	0.020
24 08 78 1430			.3		35204	6	15000.	1570.	1500. G	21.0	9.2	1.2	0.054	0.008
26 09 78 1400			.3		35227	6	2000.	100.	100. L	15.0	11.6	0.5	0.049	0.002
30 10 78 1430			.3		35300	6	400.	90.	10.	9.9	12.5	0.8	0.035	0.002
14 11 78 1430			.3		35323	6	580.	52.	288.	8.2	11.6	1.6	0.276	0.190
08 12 78 1325			.3		35381	6	1000.	88.	170.	3.5	12.9	3.6	0.374	0.255
MAXIMUM							65000.	1570.	1500.	21.0	16.4	4.8	0.374	0.255
AVG OR GEOM MN (*)							2336.*	153.* D	144.* E	10.6	12.3	2.0	0.154	0.067
MINIMUM							400.	10.	10.	0.0	9.2	0.5	0.035	0.002
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
14 02 78 1420			.3		0.158	1.170	0.009	1.180	1.347	1.012	2.359	443.0	82.0	361
11 04 78 1520			.3		0.440	1.440	0.022	2.430	2.892	1.000	3.892	350.0	78.0	272
11 05 78 1400			.3		0.012	0.67	0.017	0.355	0.384	0.658	1.042	282.	15.	267
13 06 78 1430			.3		0.090	1.060	0.041	0.365	0.496	0.970	1.466	347.0	75.0	272
14 07 78 0845			.3		0.006	0.440	0.035	0.195	0.236	0.434	0.670	287.0	27.0	
24 08 78 1430			.3		0.028	0.460	0.032	0.260	0.320	0.432	0.752	262.0	12.0	
26 09 78 1400			.3		0.028	0.520	0.014	0.360	0.402	0.492	0.894	306.0	18.0	288
30 10 78 1430			.3		0.004	0.35	0.008	0.380	0.392	0.346	0.738	323.	5.5	317
14 11 78 1430			.3		0.130	0.860	0.012	0.413	0.555	0.730	1.285	326.0	13.0	313
08 12 78 1325			.3		1.450	2.860	0.022	0.833	2.305	1.410	3.715	395.0	12.0	383
MAXIMUM					1.450	2.860	0.041	2.430	2.892	1.410	3.892	443.0	82.0	383
AVG OR GEOM MN (*)					0.235	0.983	0.021	0.677	0.933	0.748	1.681	332.1	33.8	309
MINIMUM					0.004	0.35	0.008	0.195	0.236	0.346	0.670	262.0	5.5	267
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	8

(C O N T D)

```
                                                                                       STATION ID:  03-0057-024-02
 B.O.W./ SITE: BEETON CREEK
 SAMPLE POINT: AT SIMCOE COUNTY ROAD NO.10 NORTH OF TOTTINGHAM
 STATION TYPE: RIVER   FLOW GAUGE FED 02ED100          MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                   002
                                                       TERM STREAM: NOTTAWASAGA RIVER                            2470

STN NO:    24    LAT:              LONG:               U T M: 17 0595250.0 4876950.0 4   REGION: 03         MILEAGE:    66.20

                                           107       14'      16       56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL     COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS     25C  FORMAZIN     MG/L
               FEET       MTRS    MG/L      UMHOS    UNITS

14 02 78 1420              .3                 585    37.00      25.5
11 04 78 1520              .3                 430    37.00      11.5
11 05 78 1400              .3                 425     4.4       14.5
13 06 78 1430              .3                 435    24.00      13.0
14 07 78 0845              .3         260     400     4.50      14.0
24 08 78 1430              .3         250     385     4.00      13.0
26 09 78 1400              .3                 445     7.20      12.5
30 10 78 1430              .3                 495     4.0       17.5
14 11 78 1430              .3                 610     5.30      47.5
08 12 78 1325              .3                 650     5.30      47.0

                      MAXIMUM         260     650    37.00      47.5
          AVG OR GEOM MN (*)          255     486    13.27      21.6
                      MINIMUM         250     385     4.00      11.5

                 NO OF SAMPLES          2      10       10        10


                                                                                       STATION ID:  03-0070-001-02
 B.O.W./ SITE: WYE RIVER
 SAMPLE POINT: AT HIGHWAY 12 EAST OF MIDLAND
 STATION TYPE: RIVER   FLOW GAUGE FED 02ED011          MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                   002
                                                       TERM STREAM: WYE RIVER                                    2620

STN NO:     1    LAT:              LONG:               U T M: 17 0591350.0 4954050.0 4   REGION: 03         MILEAGE:     0.90

                                     934       901      444      80         81        84        805       3       1       33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS    TOTAL      FECAL     M.F.     WATER    DISS.   5-DAY   TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                     COLIFORM   COLIFORM   ENTER.     TEMP.      02     BOD       P
               FEET       MTRS                                MF/100ML   MF/100ML  MF/100ML    DEG C    MG/L    MG/L    MG/L

17 01 78 1400              .3        36046   4        53.00    110.        2.       10.        0.0     5.6     1.2   0.078
15 02 78 1400              .3        36075   4        31.80    300.        6.       48.        0.0     9.0     1.4   0.045
12 04 78 1350              .3        36178   3 6     558.00    140.        4.  L     4.        3.2    14.2     0.6   0.032
10 05 78 1205              .3        35029   6        59.30    248.        4.       36.       11.6     8.4     1.4   0.041
15 06 78 1150              .3        35085   6        30.50     48.        4.       34.       17.1     9.6     1.0   0.036
12 07 78 1100              .3        35124   8 9      15.40     20.        2.  L     4.       19.0     5.1     0.8   0.070
23 08 78 1145              .3        35187   8 9      14.40     36.        4.        4.       23.1     7.9     0.8   0.034
28 09 78 1120              .3        35243   6        24.10    630.       22.       44.       12.9     6.7     0.8   0.020
24 10 78 1130              .3        35283   6        31.40     70.        4.       14.        8.7     8.7     0.2   0.018
16 11 78 1145              .3        35339   6        49.30     84.        6.       46.        5.6    10.5     0.6   0.019
06 12 78 1050              .3        35364   6        45.70    108.        6.        2.        2.9    10.1     0.4   0.018



                      MAXIMUM                        558.00    630.       22.       48.       23.1    14.2     1.4   0.078
          AVG OR GEOM MN (*)                          82.99    104.*       5.* D    13.*       9.5     8.7     0.8   0.037
                      MINIMUM                         14.40     20.        2.        2.        0.0     5.1     0.2   0.018

                 NO OF SAMPLES                           11      11        11        11         11      11      11      11
                                    34        19        20        21         22         17        18        23       5       6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED    TOTAL  FILTERED   FILTERED   INRGNC     TOTAL   TOTAL N   TOTAL    SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA  KJELDAHL  NO2-N      NO3-N           N  ORGNC  N            SOLIDS   SOLIDS
               FEET       MTRS     P MG/L      MG/L     MG/L   MG/L       MG/L         MG/L      MG/L      MG/L    MG/L     MG/L

17 01 78 1400              .3       0.003     0.074    0.580     0.008     0.242     0.324     0.506     0.830   355.0     23.0
15 02 78 1400              .3       0.025     0.096    0.610     0.013     0.817     0.926     0.514     1.440   332.0      4.0
12 04 78 1350              .3       0.009     0.070    0.500     0.022     1.360     1.452     0.430     1.882   202.0     10.0
10 05 78 1205              .3       0.007     0.032    0.510     0.004     0.040     0.076     0.478     0.554   225.0      6.8
15 06 78 1150              .3       0.012     0.024    0.500     0.004     0.020     0.048     0.476     0.524   232.0      1.4
12 07 78 1100              .3       0.039     0.020    0.410     0.002     0.005L    0.027     0.390     0.417   220.0      1.5
23 08 78 1145              .3       0.018     0.048    0.380     0.005     0.025     0.078     0.332     0.410   267.0     49.0
28 09 78 1120              .3       0.003     0.034    0.500     0.004     0.035     0.073     0.466     0.539   239.0      1.8
24 10 78 1130              .3       0.003     0.026    0.38      0.007     0.105     0.138     0.354     0.492   255.       0.9
16 11 78 1145              .3       0.006     0.017    0.430     0.005     0.090     0.112     0.413     0.525   251.0      0.7
06 12 78 1050              .3       0.005     0.056    0.420     0.013     0.672     0.741     0.364     1.105   264.0      0.8

                      MAXIMUM       0.039     0.096    0.610     0.022     1.360     1.452     0.514     1.882   355.0     49.0
          AVG OR GEOM MN (*)        0.012     0.045    0.475     0.008     0.3100    0.363     0.429     0.793   258.4      9.1
                      MINIMUM       0.003     0.017    0.380     0.002     0.005     0.027     0.332     0.410   202.0      0.7

                 NO OF SAMPLES         11        11       11        11        11        11        11        11      11       11
                                     7       107         14       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.  CALCUL       COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS      MG/L  MG/L         UMHOS    UNITS

17 01 78 1400              .3         332                850    23.00      135.0
15 02 78 1400              .3         328                535     6.70       13.5
12 04 78 1350              .3                  192       295    11.00        7.0
10 05 78 1205              .3                  218       335     3.00        7.0
15 06 78 1150              .3                  231       355     1.20        5.8
12 07 78 1100              .3                  218       335     1.10        5.0
23 08 78 1145              .3                  218       335     0.70        4.4
28 09 78 1120              .3                  237       365     0.90        6.6
24 10 78 1130              .3                  254       390     1.5         9.1
16 11 78 1145              .3                  250       385     1.40        9.1
06 12 78 1050              .3         263                435     2.60       10.3

                      MAXIMUM         332      254       850    23.00      135.0
          AVG OR GEOM MN (*)          308      227       420     4.83       19.3
                      MINIMUM         263      192       295     0.70        4.4

                 NO OF SAMPLES          3        8        11       11         11
 B.O.W./ SITE: WYE RIVER                                                                         STATION ID:  03-0070-002-02
 SAMPLE POINT: AT COUNTY ROAD NO.6 NORTH OF ELMVALE
 STATION TYPE: RIVER   FLOW GAUGE FED 02ED011            MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                         002
                                                          TERM STREAM: WYE RIVER                                          2620

STN NO:      2     LAT:               LONG:               U T M: 17 0587600.0 4940800.0 4    REGION: 03            MILEAGE:    14.00

                                         934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

17 01 78 1305              .3          36045    4          6400.      500.      792.       0.0      10.0       0.6     0.046     0.036
15 02 78 1435              .3          36076    4         10300.     1600.      244.       0.0       6.2       1.8     0.056     0.047
12 04 78 1330              .3          36177    3 6        8700.      480.      240.       4.2      14.0       1.0     0.114     0.045
10 05 78 1300              .3          35030    6          2100.       90.      470.      10.7      12.0       1.4     0.063     0.016
15 06 78 1215              .3          35086    6          4300.      110.      130.      16.7       9.6       1.0     0.070     0.022
12 07 78 1120              .3          35125    6           600.      400.      280.      18.9      10.8       1.0     0.063     0.026
23 08 78 1210              .3          35188    6          5800.      720.      670.      22.0      12.0       1.0     0.121     0.054
28 09 78 1140              .3          35244    6         10700.      430.      400.      12.9       9.7       1.0     0.096     0.043
24 10 78 1150              .3          35284    6           560.       80.       50.       7.6      10.7       0.2     0.100     0.045
16 11 78 1210              .3          35340    6          5200.      250.      390.       5.1      11.6       0.2     0.075     0.041
06 12 78 1155              .3          35365    6          3200.      340.      730.       3.1      10.3       0.2     0.060     0.038

                      MAXIMUM                             10700.     1600.      792.      22.0      14.0       1.8     0.121     0.054
             AVG OR GEOM MN (*)                           3703.*     317.*     315.*       9.2      10.6       0.9     0.079     0.038
                      MINIMUM                               560.       80.       50.       0.0       6.2       0.2     0.046     0.016

                 NO OF SAMPLES                                11        11        11        11        11        11        11        11

                                          19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

17 01 78 1305              .3          0.156     0.460     0.007     0.903     1.066     0.304     1.370     283.0      14.0       269
15 02 78 1435              .3          0.258     0.680     0.009     0.851     1.118     0.422     1.540     265.0      10.0       255
12 04 78 1330              .3          0.104     0.660     0.018     2.260     2.382     0.556     2.938     252.0      38.0
10 05 78 1300              .3          0.036     0.580     0.011     0.580     0.627     0.544     1.171     259.0      19.0
15 06 78 1215              .3          0.054     0.590     0.023     0.990     1.067     0.536     1.603     251.0      30.0
12 07 78 1120              .3          0.046     0.490     0.022     0.738     0.806     0.444     1.250     244.0      20.0
23 08 78 1210              .3          0.058     0.430     0.032     0.845     0.935     0.372     1.307     253.0      22.0
28 09 78 1140              .3          0.032     0.560     0.013     0.655     0.700     0.528     1.228     253.0      32.0
24 10 78 1150              .3          0.054     0.54      0.010     0.635     0.699     0.486     1.185     256.       12.
16 11 78 1210              .3          0.100     0.630     0.007     0.818     0.925     0.530     1.455     276.0       6.0
06 12 78 1155              .3          0.118     0.550     0.006     1.190     1.314     0.432     1.746     292.0      11.0       281

                      MAXIMUM          0.258     0.680     0.032     2.260     2.382     0.556     2.938     292.0      38.0       281
             AVG OR GEOM MN (*)        0.092     0.561     0.014     0.951     1.058     0.469     1.527     262.2      19.5       268
                      MINIMUM          0.032     0.430     0.006     0.580     0.627     0.304     1.171     244.0       6.0       255

                 NO OF SAMPLES            11        11        11        11        11        11        11        11        11         3

                                         107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH       D-SOLIDS       25C  FORMAZIN      MG/L
               FEET      MTRS       MG/L         UMHOS     UNITS

17 01 78 1305              .3                      447      6.70      11.5
15 02 78 1435              .3                      420      6.90      10.5



12 04 78 1330              .3            214       330     33.00       8.8
10 05 78 1300              .3            240       370      8.60      13.0
15 06 78 1215              .3            231       355     16.00       6.9
12 07 78 1120              .3            224       345     16.00       4.5
23 08 78 1210              .3            231       355     28.00       4.6
28 09 78 1140              .3            221       340     24.00       9.5
24 10 78 1150              .3            244       375      8.3        9.5
16 11 78 1210              .3            270       415      6.90      11.5
06 12 78 1155              .3                      460      8.60      15.5

                      MAXIMUM            270       460     33.00      15.5
             AVG OR GEOM MN (*)          234       383     14.82       9.6
                      MINIMUM            214       330      6.70       4.5

                 NO OF SAMPLES             8        11        11        11

 B.O.W./ SITE: COLDWATER RIVER                                                                   STATION ID:  03-0076-001-02
 SAMPLE POINT: AT CNR BRIDGE COLDWATER
 STATION TYPE: RIVER   FLOW GAUGE FED 02ED007            MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                         002
                                                          TERM STREAM: NORTH RIVER                                        2700

STN NO:      1     LAT:               LONG:               U T M: 17 0607050.0 4952175.0 4    REGION: 03            MILEAGE:    1.70

                                         934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
               FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

17 01 78 1530              .3          36049    4          61.80      250.       60.       72.       0.0      13.2       0.4     0.110
12 04 78 1600              .3          36182    3 6       445.00      660.      104.      104.       4.9      15.2       1.0     0.096
10 05 78 0910              .3          35025    6         133.00     3900.     2200.      700.       9.1      10.8       1.0     0.067
15 06 78 0910              .3          35081    6          58.30     1100.      560.      160.      13.3      12.2       1.0     0.033
12 07 78 0845              .3          35120    6          33.50      890.      220.      260.      17.0       8.4       0.4     0.038
23 08 78 0910              .3          35183    6          35.70     1020.      310.      690.      18.5      11.2       0.4     0.025
28 09 78 0845              .3          35239    6          46.00     1490.       80.      430.      10.5       9.8       0.4     0.018
24 10 78 0835              .3          35279    6          43.90      390.       36.       32.       5.9      11.2       0.2     0.013
16 11 78 0850              .3          35335    6          71.50      620.       70.      330.       5.1      11.2       0.6     0.024
06 12 78 0845              .3          35360    4          79.70     1200.       88.      380.       3.8      12.0       0.2     0.019

                      MAXIMUM                             445.00     3900.     2200.      700.      18.5      15.2       1.0     0.110
             AVG OR GEOM MN (*)                           100.84     880.*     157.*     220.*       8.8      11.5       0.6     0.044
                      MINIMUM                              33.50      250.       36.       32.       0.0       8.4       0.2     0.013

                 NO OF SAMPLES                                10        10        10        10        10        10        10        10
```

(C O N T D)

```
 B.O.W./ SITE: COLDWATER RIVER                                                              STATION ID:  03-0076-001-02
 SAMPLE POINT: AT CNR BRIDGE COLDWATER
 STATION TYPE: RIVER    FLOW GAUGE FED 02ED007           MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                      002
                                                         TERM STREAM: NORTH RIVER                                     2700

STN NO:     1    LAT:                LONG:                 U T M: 17 0607050.0 4952175.0 4    REGION: 03            MILEAGE:     1.70

                                      34        19        20        21        22        17        18        23           5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N      TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N                SOLIDS    SOLIDS
               FEET       MTRS    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L       MG/L      MG/L

17 01 78 1530              .3       0.005     0.008     0.740     0.004     0.596     0.608     0.732     1.340      352.0      90.0
12 04 78 1600              .3       0.021     0.064     0.580     0.009     0.810     0.883     0.516     1.399      273.0      91.0
10 05 78 0910              .3       0.012     0.014     0.450     0.006     0.340     0.360     0.436     0.796      270.0      52.0
15 06 78 0910              .3       0.001     0.002     0.360     0.004     0.390     0.396     0.358     0.754      234.0      10.0
12 07 78 0845              .3       0.005     0.020     0.280     0.005     0.445     0.470     0.260     0.730      246.0      15.0
23 08 78 0910              .3       0.005     0.024     0.210     0.006     0.440     0.470     0.186     0.656      229.0       1.3
28 09 78 0845              .3       0.002     0.002L    0.240     0.004     0.480     0.486     0.238     0.724      247.0       9.3
24 10 78 0835              .3       0.001     0.002L    0.23      0.003     0.445     0.450     0.228     0.678      245.        4.9
16 11 78 0850              .3       0.013     0.006     0.330     0.003     0.482     0.491     0.324     0.815      246.0       9.0
06 12 78 0845              .3       0.005     0.010     0.260     0.003     0.602     0.615     0.250     0.865      259.0       9.0

                      MAXIMUM       0.021     0.064     0.740     0.009     0.810     0.883     0.732     1.399      352.0      91.0
           AVG OR GEOM MN (*)       0.007     0.015D    0.368     0.005     0.503     0.523     0.353     0.876      260.1      29.2
                      MINIMUM       0.001     0.002     0.210     0.003     0.340     0.360     0.186     0.656      229.0       1.3

                NO OF SAMPLES          10        10        10        10        10        10        10        10         10        10

                                       7       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.  CALCUL       COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS      MG/L   MG/L         UMHOS     UNITS

17 01 78 1530              .3                   262       403     36.00       7.4
12 04 78 1600              .3                   182       280     38.00       6.4
10 05 78 0910              .3                   218       335     29.00       6.3
15 06 78 0910              .3                   224       345      4.90       4.8
12 07 78 0845              .3                   231       355      7.80       5.3
23 08 78 0910              .3                   228       350      6.40       4.5
28 09 78 0845              .3         238                 360      5.90       5.1
24 10 78 0835              .3                   240       370      3.5        5.3
16 11 78 0850              .3                   237       365      5.70       6.8
06 12 78 0845              .3                   250       385      6.00       8.3

                      MAXIMUM         238       262       403     38.00       8.3
           AVG OR GEOM MN (*)         238       230       355     14.32       6.0
                      MINIMUM         238       182       280      3.5        4.5

                NO OF SAMPLES           1         9        10        10        10
```

```
 B.O.W./ SITE: HOLLAND RIVER                                                                STATION ID:  03-0077-001-02
 SAMPLE POINT: QUEENSVILLE ROAD RIVER DRIVE PARK
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                      002
                                                         TERM STREAM: SEVERN RIVER                                    2720

STN NO:     1    LAT:                LONG:                 U T M: 17 0619650.0 4885250.0 4    REGION: 03            MILEAGE:    81.30

                                     934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO           COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET       MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

04 01 78 0835              .3       38001    4        8100.     2680.     2200.         1.0                  1.4     0.680     0.451
03 02 78 0935              .3       38018    4        5000.     1300.      200.         0.0       8.6        2.5     0.375     0.255
28 02 78 0940              .3       38025    4       15900.     5400.     1500.   G     0.0       9.4        2.4               0.470
03 04 78 1540              .3       38038    6        2200.      200.      300.         1.0       8.6        0.6     0.125     0.053
01 05 78 0900              .3       38051    6        5300.       50.       40.         8.0       7.8        3.2     0.232     0.044
01 06 78 0915              .3       38064    6         100.       10.   L  100.        21.0       5.6        5.5     0.216     0.078
05 07 78 0915              .3       38077    5          20.        4.        4.   L    22.0       8.6        7.0     0.356     0.090
31 07 78 0920              .3       38090    6          10.   L    2.        2.        20.0       5.0        7.5     0.720     0.265
06 09 78 0912              .3       38103    5 9        90.       16.        4.        21.0      13.6        4.0     0.159     0.028
02 10 78 0915              .3       38116    5 8      8000.       92.       76.        13.0       6.0        3.0     0.250     0.130
01 11 78 0930              .3       38129    6         200.        4.        4.         7.0       9.0        3.0     0.510     0.360
29 11 78 0910              .3       38142    4        4500.      540.      696.         0.0       8.6        1.4     0.360     0.250

                      MAXIMUM                        15900.     5400.     2200.        22.0      13.6        7.5     0.720     0.470
           AVG OR GEOM MN (*)                          824.* D    78.* D    65.* E      9.5       8.3        3.5     0.362     0.206
                      MINIMUM                           10.        2.        2.         0.0       5.0        0.6     0.125     0.028

                NO OF SAMPLES                             12        12        12         12        11         12        11         12

                                      19        20        21        22         17        18        23          5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED     INRGNC     TOTAL   TOTAL N      TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N             N  ORGNC  N               SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS        MG/L      MG/L  MG/L      MG/L           MG/L      MG/L      MG/L       MG/L      MG/L      MG/L

04 01 78 0835              .3       2.110     9.600     0.033     2.970      5.113     7.490    12.603     578.0       5.8       572
03 02 78 0935              .3       2.080     2.550     0.021     2.380      4.481     0.470     4.951     579.0      18.0       561
28 02 78 0940              .3       1.500     3.100     0.023     3.920      5.443     1.600     7.043     585.0       8.4       577
03 04 78 1540              .3       0.238     0.750     0.016     1.580      1.834     0.512     2.346     364.0      46.0       318
01 05 78 0900              .3       0.980     2.000     0.090     1.590      2.660     1.020     3.680     517.0      58.0       459
01 06 78 0915              .3       0.870     2.080     0.330     1.920      3.120     1.210     4.330     568.0      43.0       525
05 07 78 0915              .3       0.580     3.120     0.350     2.350      3.280     2.540     5.820     572.0      33.0       539
31 07 78 0920              .3       0.920     4.550     0.105     1.000      2.025     3.630     5.655     468.0      44.0       424
06 09 78 0912              .3       0.272     0.770     0.093     1.590      1.955     0.498     2.453     382.0      23.0       359
02 10 78 0915              .3       0.570     1.480     0.260     4.990      5.820     0.910     6.730     547.0      27.0       520
01 11 78 0930              .3       1.480     2.300     0.140     4.710      6.330     0.820     7.150     513.0      17.0       496
29 11 78 0910              .3       1.320     1.940     0.068     3.650      5.038     0.620     5.658     521.0      11.0       510

                      MAXIMUM       2.110     9.600     0.350     4.990      6.330     7.490    12.603     585.0      58.0       577
           AVG OR GEOM MN (*)       1.077     2.853     0.127     2.721      3.925     1.777     5.702     516.2      27.9       488
                      MINIMUM       0.238     0.750     0.016     1.000      1.834     0.470     2.346     364.0       5.8       318

                NO OF SAMPLES          12        12        12        12         12        12        12         12        12         12
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
04 01 78 0835			.3		930	6.10	93.0	0.020L
03 02 78 0935			.3		930	24.00	103.0	0.040L
28 02 78 0940			.3		1015	11.00	140.0	0.030L
03 04 78 1540			.3		498	14.00	25.0	0.050L
01 05 78 0900			.3		770	37.00	84.0	0.050L
01 06 78 0915			.3		850	20.00	105.0	0.020L
05 07 78 0915			.3		880	18.00	120.0	0.030L
31 07 78 0920			.3		700	24.00	95.0	0.040L
06 09 78 0912			.3		630	8.90	93.0	0.040L
02 10 78 0915			.3		840	20.00	105.0	0.040L
01 11 78 0930			.3		830	16.00	96.0	0.020L
29 11 78 0910			.3		810	6.9	82.5	0.030L
MAXIMUM					1015	37.00	140.0	0.050
AVG OR GEOM MN (*)					807	17.16	95.1	0.034D
MINIMUM					498	6.10	25.0	0.020
NO OF SAMPLES					12	12	12	12

B.O.W./ SITE: SCHOMBERG RIVER
SAMPLE POINT: HIGHWAY 11 BRADFORD
STATION TYPE: RIVER

STATION ID: 03-0077-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 2 LAT: LONG: U T M: 17 0616325.0 4885250.0 4 REGION: 03 MILEAGE: 81.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 0815			.3		38000	4	148.	20.	40.	0.5		0.4	0.030	0.018
03 02 78 0900			.3		38017	4	1900.	8.	44.	0.0	8.0	1.0	0.050	0.006
28 02 78 0905			.3		38024	4	110.	20.	404.	0.0	8.0	6.0	0.275	0.068
03 04 78 1600			.3		38037	6	560.	88.	300.	0.5	8.0	2.0	0.256	0.160
01 05 78 0840			.3		38050	6	130.	4. L	10.	8.5	6.4	0.8	0.108	0.021
01 06 78 0855			.3		38063	6	5200.	236.	90.	20.0	6.4	3.6	0.202	0.110
05 07 78 0845			.3		38076	9 5	80.	8.	24.	22.5	3.4	4.5	0.390	0.210
0940			.3		38078	6	1100.	136.	20.	21.5	6.2	6.5	0.390	0.200
31 07 78 0855			.3		38089	9 7	140.	12.	28.	20.0	7.0	4.0	0.480	0.230
06 09 78 0850			.3		38102	5 9	180.	16.	4.	21.0	5.8	3.4	0.400	0.295
02 10 78 0850			.3		38115	5 9 7	1330.	8.	20.	13.8	7.4	2.5	0.105	0.005
01 11 78 0850			.3		38128	5 9	48.	4. L	4. L	7.0	9.4	1.6	0.190	0.100
29 11 78 0845			.3		38141	4	372.	8.	8.	1.0	8.8	1.2	0.038	0.015
MAXIMUM							5200.	236.	404.	22.5	9.4	6.5	0.480	0.295
AVG OR GEOM MN (*)							333.*	17.* D	28.* D	10.5	7.1	2.9	0.224	0.111
MINIMUM							48.	4.	4.	0.0	3.4	0.4	0.030	0.005
NO OF SAMPLES							13	13	13	13	12	13	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 0815			.3		0.112	0.510	0.008	1.130	1.250	0.398	1.648	461.0	5.2	456
03 02 78 0900			.3		0.134	5.200	0.015	1.630	1.779	5.066	6.845	562.0	6.3	556
28 02 78 0905			.3		1.520	19.000	0.004	0.726	2.250	17.480	19.730	586.0	7.3	579
03 04 78 1600			.3		0.142	0.900	0.034	3.950	4.126	0.758	4.884	348.0	49.0	299
01 05 78 0840			.3		0.012	0.680	0.021	1.980	2.013	0.668	2.681	460.0	40.0	420
01 06 78 0855			.3		0.208	1.300	0.028	0.215	0.451	1.092	1.543	486.0	21.0	465
05 07 78 0845			.3		0.108	1.580	0.004	0.005	0.117	1.472	1.589	433.0	15.0	418
0940			.3		2.800	3.970	0.650	4.400	7.850	1.170	9.020	629.0	19.0	610
31 07 78 0855			.3		0.004	1.600	0.002	0.005L	0.011	1.596	1.607	476.0	33.0	443
06 09 78 0850			.3		0.074	0.147	0.002	0.005	0.081	0.073	0.154	355.0	15.0	340
02 10 78 0850			.3		0.004	2.040	0.002	0.005L	0.011	2.036	2.047	364.0	14.0	350
01 11 78 0850			.3		0.002L	0.600	0.002	0.005	0.009	0.598	0.607	409.0	14.0	395
29 11 78 0845			.3		0.046	0.590	0.003	0.087	0.136	0.544	0.680	406.0	7.0	399
MAXIMUM					2.800	19.000	0.650	4.400	7.850	17.480	19.730	629.0	49.0	610
AVG OR GEOM MN (*)					0.397D	2.932	0.060	1.088D	1.545	2.535	4.080	459.6	18.9	441
MINIMUM					0.002	0.147	0.002	0.005	0.009	0.073	0.154	348.0	5.2	299
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
04 01 78 0815			.3		735	4.90	44.0	0.020L
03 02 78 0900			.3		825	6.00	66.0	0.040L
28 02 78 0905			.3		740	9.10	46.0	0.030L
03 04 78 1600			.3		444	19.00	17.0	0.050L
01 05 78 0840			.3		650	26.00	32.5	0.050L
01 06 78 0855			.3		670	8.10	45.5	0.020L
05 07 78 0845			.3		600	6.50	40.0	0.030
0940			.3		1000	13.00	140.0	0.030
31 07 78 0855			.3		700	17.00	65.0	0.040L
06 09 78 0850			.3		550	6.40	36.5	0.040L
02 10 78 0850			.3		540	5.70	35.0	0.040L
01 11 78 0850			.3		640	6.10	39.0	0.030
29 11 78 0845			.3		640	4.8	38.5	0.030L
MAXIMUM					1000	26.00	140.0	0.050
AVG OR GEOM MN (*)					672	10.20	49.6	0.035D
MINIMUM					444	4.8	17.0	0.020
NO OF SAMPLES					13	13	13	13

B.O.W./ SITE: HOLLAND RIVER
SAMPLE POINT: HERALD ROAD FIRST CONCESSION NORTH OF NEWMARKET
STATION TYPE: RIVER FLOW GAUGE FED 02EC009
STATION ID: 03-0077-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02 002 2720
STN NO: 3 LAT: LONG: U T M: 17 0623700.0 4881725.0 4 REGION: 03 MILEAGE: 87.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78 0905			.3		38002	6	50.50	8500.	2100.	1000.	3.0		1.5	0.750
03 02 78 1015			.3		38019	6	39.90	38000.	7000.	3000.	0.8	12.2	6.4	0.840
28 02 78 1005			.3		38026	6	26.40	65000.	5000.	7600.	1.0	10.6	4.4	1.100
03 04 78 1515			.3		38039	6	256.00	2500.	300.	100.	1.0	8.2	2.8	0.290
01 05 78 0925			.3		38052	6	45.90	17000.	890.	250.	5.5	8.2	4.5	0.132
01 06 78 0945			.3		38065	9	27.70	200.	10.	10. L	19.0	6.2	12.0	0.270
31 07 78 0944			.3		38091	6	13.00	800.	108.	32.	19.0	6.6	3.0	0.525
06 09 78 0935			.3		38104	8 6	18.00	1500.	24.	4. L	20.5	5.6	5.5	0.390
02 10 78 0935			.3		38117	6	29.60	23000.	548.	202.	13.2	7.6	6.5	0.376
01 11 78 0945			.3		38130	8 6	22.40	12000.	600.	252.	8.0	9.2	4.2	0.690
29 11 78 0930			.3		38143	6 8	31.60	32000.	2200.	1500. G	0.0	9.2	3.4	0.460
MAXIMUM							256.00	65000.	7000.	7600.	20.5	12.2	12.0	1.100
AVG OR GEOM MN (*)							51.00	6971.*	487.*	219.* E	8.3	8.4	4.9	0.529
MINIMUM							13.00	200.	10.	4.	0.0	5.6	1.5	0.132
NO OF SAMPLES							11	11	11	11	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
04 01 78 0905			.3		0.595	2.560	4.700	0.029	2.860	5.449	2.140	7.589	548.0	7.7
03 02 78 1015			.3		0.630	3.400	4.550	0.025	2.910	6.335	1.150	7.485	595.0	12.0
28 02 78 1005			.3		0.725	0.200	6.000	0.029	7.720	7.949	5.800	13.749	548.0	10.0
03 04 78 1515			.3		0.150	0.700	1.360	0.035	2.350	3.085	0.660	3.745	420.0	36.0
01 05 78 0925			.3		0.061	2.300	3.000	0.086	1.000	3.386	0.700	4.086	506.0	10.0
01 06 78 0945			.3		0.105	1.960	4.000	0.285	2.860	5.105	2.040	7.145	578.0	44.0
31 07 78 0944			.3		0.275	0.420	1.550	0.150	1.000	1.570	1.130	2.700	497.0	30.0
06 09 78 0935			.3		0.280	2.350	3.150	0.470	4.310	7.130	0.800	7.930	541.0	20.0
02 10 78 0935			.3		0.190	1.860	2.680	0.245	2.750	4.855	0.820	5.675	551.0	47.0
01 11 78 0945			.3		0.470	3.280	3.820	0.110	4.840	8.230	0.540	8.770	533.0	19.0
29 11 78 0930			.3		0.320	2.700	3.680	0.027	4.070	6.797	0.980	7.777	606.0	13.0
MAXIMUM					0.725	3.400	6.000	0.470	7.720	8.230	5.800	13.749	606.0	47.0
AVG OR GEOM MN (*)					0.346	1.975	3.499	0.136	3.334	5.445	1.524	6.968	538.5	22.6
MINIMUM					0.061	0.200	1.360	0.025	1.000	1.570	0.540	2.700	420.0	7.7
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 0905			.3		540	895	8.60	85.0
03 02 78 1015			.3		583	1000	9.30	130.0
28 02 78 1005			.3		538	940	12.00	105.0
03 04 78 1515			.3		384	620	13.00	50.0
01 05 78 0925			.3		496	840	8.10	98.0
01 06 78 0945			.3		534	870	22.00	108.0
31 07 78 0944			.3		467	730	17.00	93.0
06 09 78 0935			.3		521	880	8.70	115.0
02 10 78 0935			.3		504	820	30.00	95.0
01 11 78 0945			.3		514	850	13.00	95.0
29 11 78 0930			.3		593	1000	11.0	140.0
MAXIMUM					593	1000	30.00	140.0
AVG OR GEOM MN (*)					516	859	13.88	101.3
MINIMUM					384	620	8.10	50.0
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: DRAINAGE CANAL
SAMPLE POINT: SOUTHEAST CONCESSION AND NEWMARKET TOWNLINE
STATION TYPE: RIVER
STATION ID: 03-0077-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02 002 2720
STN NO: 4 LAT: LONG: U T M: 17 0611750.0 4875575.0 4 REGION: 03 MILEAGE: 90.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1420			.3		38013	4	200.	10.	10.	1.5		1.2	0.057	0.007
28 02 78 1505			.3		38035	4	10. L	4. L	20.	0.0	1.8	1.2	0.084	0.022
03 04 78 1535			.3		38048	3	390.	24.	38.	0.5	11.2	0.5	0.037	0.019
01 05 78 1350			.3		38061	6	150.	10. L	10. L	8.0	10.2	1.4	0.093	0.002
01 06 78 1350			.3		38074	6	40.	2. L	8.	25.0	6.0	1.8	0.157	0.005
05 07 78 1350			.3		38087	9 7	100. L	10. L	170.	27.0	8.0	1.5	0.022	0.001
31 07 78 1340			.3		38100	7 5 9	120.	4.	52.	23.5	7.8	1.2	0.040	0.003
06 09 78 1340			.3		38113	7 5	1500.	8.	8.	22.5	8.0	0.8	0.031	0.005
02 10 78 1305			.3		38126	7 5	5700.	36.	28.	15.0	7.2	2.8	1.100	0.003
01 11 78 1350			.3		38139	8 9	200.	8.	4. L	9.0	11.0	20.0	0.045	0.003
29 11 78 1350			.3		38152	4	1600.	12.	8.	0.0	7.6	1.6	0.035	0.002
MAXIMUM							5700.	36.	170.	27.0	11.2	20.0	1.100	0.022
AVG OR GEOM MN (*)							240.* D	9.* D	17.* D	12.0	7.9	3.1	0.155	0.007
MINIMUM							10.	2.	4.	0.0	1.8	0.5	0.022	0.001
NO OF SAMPLES							11	11	11	11	10	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1420			.3		0.096	1.530	0.011	0.284	0.391	1.434	1.825	440.0	14.0	426
28 02 78 1505			.3		0.316	0.780	0.004	0.066	0.386	0.464	0.850	455.0	6.7	448
03 04 78 1535			.3		0.092	0.510	0.018	1.600	1.710	0.418	2.128	270.0	7.4	
01 05 78 1350			.3		0.014	0.880	0.006	0.035	0.055	0.866	0.921	392.0	57.0	335
01 06 78 1350			.3		0.032	1.520	0.004	0.005L	0.041	1.488	1.529	357.0	4.6	352
05 07 78 1350			.3		0.010	0.600	0.002	0.005L	0.017	0.590	0.607	298.0	4.4	294
31 07 78 1340			.3		0.004	0.610	0.002	0.008	0.014	0.606	0.620	285.0	7.7	277
06 09 78 1340			.3		0.022	0.290	0.003	0.010	0.035	0.268	0.303	321.0	30.0	291
02 10 78 1305			.3		0.056	1.000	0.007	0.005L	0.068	0.944	1.012	395.0	7.7	387
01 11 78 1350			.3		0.027	0.540	0.003	0.005L	0.035	0.513	0.548	413.0	7.0	406
29 11 78 1350			.3		0.026	0.530	0.004	0.046	0.076	0.504	0.580	392.0	4.0	388
MAXIMUM					0.316	1.530	0.018	1.600	1.710	1.488	2.128	455.0	57.0	448
AVG OR GEOM MN (*)					0.063	0.799	0.006	0.188D	0.257	0.736	0.993	365.3	13.7	360
MINIMUM					0.004	0.290	0.002	0.005	0.014	0.268	0.303	270.0	4.0	277
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1420			.3			715	9.40	56.0
28 02 78 1505			.3			735	12.00	61.0
03 04 78 1535			.3		263	405	8.50	19.5
01 05 78 1350			.3			550	21.00	43.0
01 06 78 1350			.3			560	3.00	35.5
05 07 78 1350			.3			455	2.80	33.0
31 07 78 1340			.3			440	6.00	40.5
06 09 78 1340			.3			520	2.40	51.0
02 10 78 1305			.3			660	4.60	93.0
01 11 78 1350			.3			700	5.40	88.0
29 11 78 1350			.3			660	4.1	67.0
MAXIMUM					263	735	21.00	93.0
AVG OR GEOM MN (*)					263	582	7.20	53.4
MINIMUM					263	405	2.40	19.5
NO OF SAMPLES					1	11	11	11

B.O.W./ SITE: DRAINAGE CANAL
SAMPLE POINT: ROAD RUNNING NORTH & SOUTH W GWILLIMBURY TWP
STATION TYPE: RIVER

STATION ID: 03-0077-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 5 LAT: LONG: U T M: 17 0613450.0 4876925.0 4 REGION: 03 MILEAGE: 88.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1405			.3		38012	4	200.	4. L	10.	3.0		1.2	0.034	0.008
28 02 78 1445			.3		38034	4	300.	40.	10. L	0.0	2.8	1.2	0.172	0.023
03 04 78 1400			.3		38047	3	630.	16.	72.	0.0	10.8	0.6	0.056	0.018
01 05 78 1335			.3		38060	6	10. L	4. L	10.	7.0	3.2	0.8	0.073	0.003
01 06 78 1335			.3		38073	6	200.	56.	44.	23.0	7.6	2.6	0.040	0.006
05 07 78 1340			.3		38086	9 7	700.	50.	220.	25.0	11.4		0.041	0.004
31 07 78 1325			.3		38099	7 9 5	200.	10. L	10. L	23.0	10.2	0.8	0.046	0.012
06 09 78 1325			.3		38112	7 5	190.	4. L	36.	19.0	6.6	1.0	0.041	0.013
02 10 78 1300			.3		38125	7 9	170.	48.	36.	13.8	7.8	0.8	0.026	0.005
01 11 78 1340			.3		38138	6 7	20.	4. L	4. L	8.0	8.6	0.4	0.022	0.007
29 11 78 1340			.3		38151	4	320.	4.	24.	0.0	7.4	1.4	0.033	0.006
MAXIMUM							700.	56.	220.	25.0	11.4	2.6	0.172	0.023
AVG OR GEOM MN (*)							163.* D	12.* D	23.* D	11.1	7.6	1.1	0.053	0.010
MINIMUM							10.	4.	4.	0.0	2.8	0.4	0.022	0.003
NO OF SAMPLES							11	11	11	11	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1405			.3		0.120	3.000	0.018	0.292	0.430	2.880	3.310	469.0	8.3	461
28 02 78 1445			.3		0.470	1.060	0.002	0.028	0.500	0.590	1.090	504.0	27.0	477
03 04 78 1400			.3		0.102	0.600	0.018	1.650	1.770	0.498	2.268	276.0	8.3	
01 05 78 1335			.3		0.012	0.820	0.009	0.510	0.531	0.808	1.339	411.0	17.0	394
01 06 78 1335			.3		0.076	0.370	0.006	0.014	0.096	0.294	0.390	376.0	9.7	366
05 07 78 1340			.3		0.004	0.550	0.004	0.010	0.018	0.546	0.564	239.0	5.5	
31 07 78 1325			.3		0.002L	0.380	0.002	0.005L	0.009	0.378	0.387	247.0	3.1	
06 09 78 1325			.3		0.034	0.310	0.005	0.015	0.054	0.276	0.330	235.0	4.5	
02 10 78 1300			.3		0.036	0.430	0.007	0.060	0.103	0.394	0.497	439.0	3.0	436
01 11 78 1340			.3		0.039	0.500	0.003	0.010	0.052	0.461	0.513	401.0	3.0	398
29 11 78 1340			.3		0.066	0.480	0.004	0.086	0.156	0.414	0.570	465.0	7.0	457
MAXIMUM					0.470	3.000	0.018	1.650	1.770	2.880	3.310	504.0	27.0	477
AVG OR GEOM MN (*)					0.087D	0.773	0.007	0.244D	0.338	0.685	1.023	369.3	8.8	427
MINIMUM					0.002	0.310	0.002	0.005	0.009	0.276	0.330	235.0	3.0	366
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	7

(C O N T D)

B.O.W./ SITE: DRAINAGE CANAL
SAMPLE POINT: ROAD RUNNING NORTH & SOUTH W GWILLIMBURY TWP
STATION TYPE: RIVER
STATION ID: 03-0077-005-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02 002 2720

STN NO: 5 LAT: LONG: U T M: 17 0613450.0 4876925.0 4 REGION: 03 MILEAGE: 88.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1405			.3			730	5.00	56.0
28 02 78 1445			.3			810	21.00	88.0
03 04 78 1400			.3		268	412	8.80	21.0
01 05 78 1335			.3			660	8.80	64.0
01 06 78 1335			.3			590	4.30	51.0
05 07 78 1340			.3		234	360	2.90	25.5
31 07 78 1325			.3		244	375	1.30	12.5
06 09 78 1325			.3		231	355	1.20	25.0
02 10 78 1300			.3			700	2.50	110.0
01 11 78 1340			.3			700	2.30	108.0
29 11 78 1340			.3			770	2.0	107.0
MAXIMUM					268	810	21.00	110.0
AVG OR GEOM MN (*)					244	587	5.46	60.7
MINIMUM					231	355	1.20	12.5
NO OF SAMPLES					4	11	11	11

B.O.W./ SITE: HOLLAND RIVER
SAMPLE POINT: MULOCK DRIVE FIRST CONCESSION SOUTH OF NEWMARKET
STATION TYPE: RIVER
STATION ID: 03-0077-006-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02 002 2720

STN NO: 6 LAT: LONG: U T M: 17 0623425.0 4877350.0 4 REGION: 03 MILEAGE: 90.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1330			.3		38010	4	28000.	2400.	2200.	2.5		3.0	1.020	0.831
03 02 78 1345			.3		38023	4	34000.	1700.	13100.	0.0		6.6	1.480	1.100
28 02 78 1400			.3		38032	4	11100E+1	13800.	15000.	0.0	9.8	4.0	1.460	1.080
04 04 78 1430			.3		38045	6	4900.	1300.	12100.	1.5	11.8	2.4	0.302	0.035
01 05 78 1300			.3		38058	6	17000.	300.	300.	5.5	5.0	2.5	0.107	0.069
01 06 78 1250			.3		38071	9	10900.	5200.	230.	20.0	7.8	5.5	0.230	0.120
05 07 78 1300			.3		38084	6	300.	78.	88.	23.0	6.4	3.2	0.050	0.002
31 07 78 1242			.3		38097	5 8	2500.	320.	80.	22.0	3.0	1.8	0.226	0.105
06 09 78 1245			.3		38110	5 8	5400.	920.	84.	21.5	5.8	6.5	0.163	0.062
02 10 78 1225			.3		38123	8	2300.	430.	270.	13.9	6.2	7.0	0.290	0.195
01 11 78 1255			.3		38136	6 8	160.	90.	56.	9.0	8.0	4.8	0.400	0.330
29 11 78 1300			.3		38149	6 8	73000.	16000.	600. G	1.0	9.4	5.4	0.880	0.710
MAXIMUM							11100E+1	16000.	15000.	23.0	11.8	7.0	1.480	1.100
AVG OR GEOM MN (*)							6837.*	1041.*	594.* U	10.0	7.3	4.4	0.551	0.387
MINIMUM							160.	78.	56.	0.0	3.0	1.8	0.050	0.002
NO OF SAMPLES							12	12	12	12	10	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1330			.3		4.300	6.100	0.023	0.990	5.313	1.800	7.113	527.0	13.0	514
03 02 78 1345			.3		1.420	5.650	0.025	0.800	2.245	4.230	6.475	561.0	20.0	541
28 02 78 1400			.3		5.400	10.200	0.016	1.100	6.516	4.800	11.316	501.0	16.0	485
04 04 78 1430			.3		0.930	1.460	0.023	2.000	2.953	0.530	3.483	415.0	56.0	359
01 05 78 1300			.3		2.650	3.070	0.022	0.870	3.542	0.420	3.962	446.0	8.5	438
01 06 78 1250			.3		4.150	5.300	0.220	1.030	5.400	1.150	6.550	559.0	9.1	550
05 07 78 1300			.3		1.690	2.900	0.420	3.230	5.340	1.210	6.550	481.0	7.3	474
31 07 78 1242			.3		0.086	0.710	0.061	1.440	1.587	0.624	2.211	390.0	15.0	375
06 09 78 1245			.3		2.850	3.250	0.410	2.320	5.580	0.400	5.980	469.0	24.0	445
02 10 78 1225			.3		2.300	3.240	0.230	1.770	4.300	0.940	5.240	467.0	26.0	441
01 11 78 1255			.3		4.300	5.450	0.180	1.720	6.200	1.150	7.350	512.0	15.0	497
29 11 78 1300			.3		5.400	6.400	0.140	1.710	7.250	1.000	8.250	654.0	10.0	644
MAXIMUM					5.400	10.200	0.420	3.230	7.250	4.800	11.316	654.0	56.0	644
AVG OR GEOM MN (*)					2.956	4.478	0.148	1.582	4.686	1.521	6.207	498.5	18.3	480
MINIMUM					0.086	0.710	0.016	0.800	1.587	0.400	2.211	390.0	7.3	359
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1330			.3		860	8.20	67.0
03 02 78 1345			.3		935	14.00	93.0
28 02 78 1400			.3		850	13.00	70.0
04 04 78 1430			.3		570	16.00	35.0
01 05 78 1300			.3		740	3.60	66.0
01 06 78 1250			.3		940	5.40	125.0
05 07 78 1300			.3		770	2.90	83.0
31 07 78 1242			.3		600	6.40	56.0
06 09 78 1245			.3		760	7.50	85.0
02 10 78 1225			.3		720	19.00	73.0
01 11 78 1255			.3		830	10.00	80.0
29 11 78 1300			.3		1120	10.0	172.0
MAXIMUM					1120	19.00	172.0
AVG OR GEOM MN (*)					808	9.67	83.8
MINIMUM					570	2.90	35.0
NO OF SAMPLES					12	12	12

B.O.W./ SITE: AURORA CREEK STATION ID: 03-0077-007-02
SAMPLE POINT: AT HIGHWAY NO 11 NORTH OF ST ANDREWS COLLEGE
STATION TYPE: RIVER FLOW GAUGE MOE 02ED101
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02
002
2720

STN NO: 7 LAT: LONG: U T M: 17 0622350.0 4875275.0 4 REGION: 03 MILEAGE: 94.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1345			.3		38011	6	10300E+1	6200.	1600.	4.0		8.0	0.105	0.021
28 02 78 1420			.3		38033	6	73000E+1	89000.	15000. G	5.2	9.8	8.0	0.785	0.210
08 04 78 1425			.3		38046	6	18000.	4000.	1000. L	2.5	11.6	2.8	0.154	0.042
01 05 78 1315			.3		38059	6	39000.	900.	380.	9.0	10.0	4.5	0.088	0.025
01 06 78 1315			.3		38072	9	25000E+1	52000.	60000.	19.0	7.6	31.0G	0.975	0.145
05 07 78 1315			.3		38085	9	5700.	256.	600. G	22.0	6.4	11.0	0.254	0.094
31 07 78 1255			.3		38098	8 6	15000. G	600. G	8400.	19.0	6.6	2.4	0.390	0.225
06 09 78 1300			.3		38111	8 6	29000E+1	76000.	8900.	21.0	4.4	10.0	1.620	0.175
02 10 78 1240			.3		38124	8	470.	10.	100.	15.5	6.6	30.0G	0.135	0.045
01 11 78 1310			.3		38137	6 8	4000.	120.	300.	13.0	6.6	12.0	0.195	0.057
29 11 78 1315			.3		38150	6 8 9	39000E+1	66000.	39000.	6.0	7.4	50.0	2.400	0.210
MAXIMUM							73000E+1	89000.	60000.	22.0	11.6	50.0	2.400	0.225
AVG OR GEOM MN (*)							38018.* U	2836.* U	2543.* E	12.4	7.7	15.4U	0.646	0.114
MINIMUM							470.	10.	100.	2.5	4.4	2.4	0.088	0.021
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1345			.3		6.700	8.300	0.046	0.641	7.387	1.600	8.987	725.0	13.0	712
28 02 78 1420			.3		6.700	11.200	0.027	0.568	7.295	4.500	11.795	747.0	25.0	722
08 04 78 1425			.3		1.600	2.300	0.037	2.250	3.887	0.700	4.587	465.0	37.0	428
01 05 78 1315			.3		6.800	7.520	0.025	0.655	7.480	0.720	8.200	703.0	11.0	692
01 06 78 1315			.3		7.550	15.000	0.100	2.200	9.850	7.450	17.300	855.0	56.0	799
05 07 78 1315			.3		10.800	15.000	0.550	0.700	12.050	4.200	16.250	635.0	14.0	621
31 07 78 1255			.3		0.790	1.770	0.145	2.300	3.235	0.980	4.215	410.0	4.4	406
06 09 78 1300			.3		6.450	34.500	0.525	1.400	8.375	28.050	36.425	649.0	4.4	645
02 10 78 1240			.3		7.650	8.500	0.495	0.955	9.100	0.850	9.950	531.0	13.0	528
01 11 78 1310			.3		11.300	12.600	0.540	0.960	12.800	1.300	14.100	813.0	11.0	802
29 11 78 1315			.3		8.000	45.000	0.340	0.910	9.250	37.000	46.250	677.0	124.0	553
MAXIMUM					11.300	45.000	0.550	2.300	12.800	37.000	46.250	855.0	124.0	802
AVG OR GEOM MN (*)					6.758	14.699	0.257	1.231	8.246	7.941	16.187	655.5	28.4	628
MINIMUM					0.790	1.770	0.025	0.568	3.235	0.700	4.215	410.0	4.4	406
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1345			.3		1220	6.70	158.0
28 02 78 1420			.3		1195	23.00	133.0
08 04 78 1425			.3		705	11.00	59.0
01 05 78 1315			.3		1180	4.60	193.0
01 06 78 1315			.3		1340	16.00	215.0
05 07 78 1315			.3		1050	8.10	133.0
31 07 78 1255			.3		660	2.80	68.0
06 09 78 1300			.3		1100	20.00	155.0
02 10 78 1240			.3		920	11.00	117.0
01 11 78 1310			.3		1350	14.00	178.0
29 11 78 1315			.3		1210	44.0	165.0
MAXIMUM					1350	44.0	215.0
AVG OR GEOM MN (*)					1085	14.66	143.1
MINIMUM					660	2.80	59.0
NO OF SAMPLES					11	11	11

B.O.W./ SITE: BLACK RIVER STATION ID: 03-0077-008-02
SAMPLE POINT: MOSSINGTON BRIDGE SUTTON
STATION TYPE: RIVER FLOW GAUGE FED 02EC012
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02
002
2720

STN NO: 8 LAT: LONG: U T M: 17 0631850.0 4908800.0 4 REGION: 03 MILEAGE: 64.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78 1055			.3		38005	4	60.40	90.	12.	48.	2.0		0.2	0.025
28 02 78 1155			.3		38029	4	36.00	120.	8.	84.	0.0	10.2	0.4	0.050
04 04 78 1015			.3		38042	6	851.00	120.	4.	136.	1.0	11.2	0.6	0.050
01 05 78 1100			.3		38055	6	83.70	10.	4. L	4.	11.0	8.0	0.4	0.034
01 06 78 1115			.3		38068	6	31.50	120.	4.	44.	22.0	6.8	2.5	0.060
05 07 78 1115			.3		38081	6	9.30	160.	10.	10.	23.0	7.2	1.6	0.029
31 07 78 1115			.3		38094	6	12.50	350.	4. L	20.	22.0	7.2	1.0	0.061
06 09 78 1110			.3		38107	6	10.60	10.	4. L	4. L	23.0	7.6	1.8	0.036
02 10 78 1055			.3		38120	6	26.30	1310.	8.	2. L	14.2	8.2	1.4	0.055
01 11 78 1125			.3		38133	9 6	31.50	10.	4.	2. L	9.0	7.8	1.0	0.048
29 11 78 1115			.3		38146	4	39.90	280.	4.	38.	0.0	10.0	0.4	0.022
MAXIMUM							851.00	1310.	12.	136.	23.0	11.2	2.5	0.061
AVG OR GEOM MN (*)							108.43	90.*	5.* D	15.* D	11.6	8.4	1.0	0.043
MINIMUM							9.30	10.	4.	2.	0.0	6.8	0.2	0.022
NO OF SAMPLES							11	11	11	11	11	10	11	11

(CONTD)

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                DATE OF REPORT  25 OCT 79  PAGE     80

                                                                                      STATION ID:  03-0077-008-02
 B.O.W./ SITE: BLACK RIVER
 SAMPLE POINT: MOSSINGTON BRIDGE SUTTON                                                            STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02EC012      MAJOR BASIN: GREAT LAKES                                    002
                                                    MINOR BASIN: LAKE HURON                                     2720
                                                    TERM STREAM: SEVERN RIVER

STN NO:      B    LAT:              LONG:           U T M: 17 0631850.0 4908800.0 4   REGION: 03         MILEAGE:    64.70

                                        34        19        20       21        22        17        18        23        5         6
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED  FILTERED     TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH       REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N           N  ORGNC  N               SOLIDS    SOLIDS
               FEET      MTRS        P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

04 01 78 1055             .3          0.009     0.102     1.100    0.008     0.532     0.642     0.998     1.640     373.0       2.2
28 02 78 1155             .3          0.020     0.168     0.670    0.045     0.705     0.918     0.502     1.420     331.0       4.7
04 04 78 1015             .3          0.015     0.080     0.710    0.012     0.940     1.032     0.630     1.662     244.0       7.0
01 05 78 1100             .3          0.003     0.006     0.740    0.003     0.025     0.034     0.734     0.768     272.0       5.6
01 06 78 1115             .3          0.009     0.062     0.960    0.004     0.005L    0.071     0.898     0.969     279.0       9.4
05 07 78 1115             .3          0.002     0.008     0.550    0.002     0.005L    0.015     0.542     0.557     232.0       4.6
31 07 78 1115             .3          0.008     0.002     0.620    0.002     0.005L    0.009     0.618     0.627     211.0       3.0
06 09 78 1110             .3          0.003     0.004     0.210    0.001     0.005     0.010     0.206     0.216     244.0       7.0
02 10 78 1055             .3          0.015     0.014     0.700    0.006     0.025     0.045     0.686     0.731     311.0       3.2
01 11 78 1125             .3          0.005     0.032     0.610    0.004     0.035     0.071     0.578     0.649     289.0       4.7
29 11 78 1115             .3          0.005     0.028     0.540    0.008     0.347     0.383     0.512     0.895     325.0       2.0

                     MAXIMUM          0.020     0.168     1.100    0.045     0.940     1.032     0.998     1.662     373.0       9.4
        AVG OR GEOM MN (*)            0.009     0.046     0.674    0.009     0.2390    0.294     0.628     0.921     282.8       4.9
                     MINIMUM          0.002     0.002     0.210    0.001     0.005     0.009     0.206     0.216     211.0       2.0

                NO OF SAMPLES            11        11        11       11        11        11        11        11        11        11

                                        7       107        14       16        56       235
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.   CALCUL      COND.    TURB.   CHLORIDE     TOTAL
DY MO YR LMT   DIST BRG DEPTH       SOLIDS   D-SOLIDS      25C  FORMAZIN      MG/L   MERCURY
               FEET      MTRS         MG/L   MG/L        UMHOS    UNITS                 UG/L

04 01 78 1055             .3           371                 570     3.40      23.0    0.020L
28 02 78 1155             .3           326                 535     4.40      20.0    0.030L
04 04 78 1015             .3                     237       364     3.30      14.5    0.050L
01 05 78 1100             .3                     266       410     2.60      17.0    0.050L
01 06 78 1115             .3                     270       415     2.70      18.0    0.030
05 07 78 1115             .3                     227       350     2.50      14.5    0.030L
31 07 78 1115             .3                     208       320     2.10      14.0    0.040L
06 09 78 1110             .3                     237       365     2.30      14.0.   0.040L
02 10 78 1055             .3           308                 450     2.00      20.0    0.040L
01 11 78 1125             .3           284                 445     3.00      15.0    0.020
29 11 78 1115             .3           323                 500     3.0       21.0    0.030L

                     MAXIMUM           371       270       570     4.40      23.0    0.050
        AVG OR GEOM MN (*)             322       241       429     2.85      17.4    0.035D
                     MINIMUM           284       208       320     2.00      14.0    0.020

                NO OF SAMPLES            5         6        11       11        11        11




                                                                                      STATION ID:  03-0077-011-02
 B.O.W./ SITE: BEAVERTON RIVER
 SAMPLE POINT: AT FIRST SIDE ROAD WEST OF CANNINGTON                                               STORET CODE: 02
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                                    002
                                                    MINOR BASIN: LAKE HURON                                     2720
                                                    TERM STREAM: SEVERN RIVER

STN NO:     11    LAT:              LONG:           U T M: 17 0654950.0 4912550.0 4   REGION: 03         MILEAGE:    73.50

                                      934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.    WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L    P MG/L

18 01 78 1200             .3         36057    4          460.       28.       52.      0.0       8.8       0.8     0.089     0.043
16 02 78 1140             .3         36085    4          630.       74.      158.      1.0       7.2       1.0     0.076     0.048
13 04 78 1055             .3         36190    3 6        392.       36.      114.      2.2                 0.5     0.038     0.006
09 05 78 1100             .3         35017    6 3        660.       62.       56.     12.0      11.2       0.5     0.019     0.002
14 06 78 1100             .3         35073    6          960.      100.       62.     14.2      14.4       0.6     0.048     0.016
11 07 78 1115             .3         35112    6         1000.      152.       32.     20.4       8.5       1.2     0.056     0.015
22 08 78 1100             .3         35175    6         1100.      224.       80.     20.1       8.3       0.5     0.760     0.008
27 09 78 1035             .3         35231    6         1400.      108.       44.     15.3       9.7       0.4     0.009     0.003
23 10 78 1030             .3         35271    6          500.       10.       20.     10.0      10.3       0.8     0.028     0.001
15 11 78 1120             .3         35327    6          230.       48.       64.      5.9      11.7       0.2     0.011     0.001L
05 12 78 1150             .3         35352    4          280.       24.       36.      2.5      10.8       0.8     0.008     0.002

                     MAXIMUM                            1400.      224.      158.     20.4      14.4       1.2     0.760     0.048
        AVG OR GEOM MN (*)                               599.*      57.*      56.*     9.4      10.1       0.7     0.104     0.013D
                     MINIMUM                             230.       10.       20.      0.0       7.2       0.2     0.008     0.001

                NO OF SAMPLES                              11        11        11       11        10        11        11        11

                                       19        20       21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS           MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

18 01 78 1200             .3          0.072     0.610    0.004     0.351     0.427     0.538     0.965     333.0       2.2       331
16 02 78 1140             .3          0.186     0.920    0.007     0.218     0.411     0.734     1.145     348.0       1.5       346
13 04 78 1055             .3          0.020     0.530    0.017     0.950     0.987     0.510     1.497     226.0      12.0
09 05 78 1100             .3          0.008     0.500    0.005     0.370     0.383     0.492     0.875     259.0       2.0
14 06 78 1100             .3          0.040     0.830    0.010     0.425     0.475     0.790     1.265     291.0       5.0       286
11 07 78 1115             .3          0.064     0.860    0.018     0.322     0.404     0.796     1.200     264.0      14.0
22 08 78 1100             .3          0.037     0.760    0.010     0.130     0.177     0.723     0.900     271.0      11.0
27 09 78 1035             .3          0.008     0.360    0.004     0.125     0.137     0.352     0.489     303.0       5.4       298
23 10 78 1030             .3          0.012     0.540    0.005     0.230     0.247     0.528     0.775     318.0       4.0       314
15 11 78 1120             .3          0.002     0.610    0.004     0.316     0.322     0.608     0.930     299.0       1.0       298
05 12 78 1150             .3          0.066     0.590    0.008     0.547     0.621     0.524     1.145     360.0       2.0       358

                     MAXIMUM          0.186     0.920    0.018     0.950     0.987     0.796     1.497     360.0      14.0       358
        AVG OR GEOM MN (*)            0.047     0.646    0.008     0.362     0.417     0.600     1.017     297.5       5.5       319
                     MINIMUM          0.002     0.360    0.004     0.125     0.137     0.352     0.489     226.0       1.0       286

                NO OF SAMPLES            11        11       11        11        11        11        11        11        11         7
```

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1200			.3			530	2.30	19.0
16 02 78 1140			.3			545	2.40	18.5
13 04 78 1055			.3		214	330	3.90	10.5
09 05 78 1100			.3		257	395	1.20	12.5
14 06 78 1100			.3			445	2.00	17.5
11 07 78 1115			.3		250	385	9.50	16.0
22 08 78 1100			.3		260	400	5.00	14.5
27 09 78 1035			.3			455	2.90	18.5
23 10 78 1030			.3			485	1.70	19.5
15 11 78 1120			.3			530	1.50	18.5
05 12 78 1150			.3			560	1.40	22.5
MAXIMUM					260	560	9.50	22.5
AVG OR GEOM MN (*)					245	460	3.07	17.0
MINIMUM					214	330	1.20	10.5
NO OF SAMPLES					4	11	11	11

B.O.W./ SITE: CANAL LAKE OUTLET
SAMPLE POINT: BRIDGE. BOLSOVER
STATION TYPE: RIVER

STATION ID: 03-0077-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 12 LAT: LONG: U T M: 17 0652900.0 4932750.0 4 REGION: 03 MILEAGE: 64.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	60 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1010			.3		36054	4	12.	2. L	2. L	0.0	7.2	0.4	0.004	0.001
16 02 78 1020			.3		36082	4	4. L	2. L	2. L	0.8	8.0	0.2	0.007	0.005
13 04 78 0940			.3		36187	6	24.	2. L	2. L	2.5		0.4	0.004	0.002
09 05 78 1220			.3		35020	6	36.	4.	6.	12.2	11.6	0.4	0.017	0.001
14 06 78 1210			.3		35076	6	28.	4.	8.	17.2	13.6	0.8	0.022	0.001L
11 07 78 1215			.3		35115	6	100.	2. L	2.	22.0	8.8	1.0	0.023	0.001L
22 08 78 1210			.3		35178	6	4.	2. L	2. L	24.1	11.9	0.5	0.027	0.007
27 09 78 1150			.3		35233	6	4.	2. L	2. L	16.9	9.9	0.5	0.019	0.002
23 10 78 1200			.3		35274	6	4. L	4. L	4. L	8.9	12.6	0.2	0.014	0.001
15 11 78 1250			.3		35330	6	4. L	4. L	4. L	5.9	11.6	0.4	0.010	0.004
05 12 78 1305			.3		35355	6	12.	2. L	2. L	3.9	11.8	0.8	0.016	0.001
MAXIMUM							100.	4.	8.	24.1	13.6	1.0	0.027	0.007
AVG OR GEOM MN (*)							11.* D	3.* D	3.* D	10.4	10.7	0.5	0.015	0.002D
MINIMUM							4.	2.	2.	0.0	7.2	0.2	0.004	0.001
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
18 01 78 1010			.3		0.106	0.400	0.003	0.157	0.266	0.294	0.560	241.0	1.0	240
16 02 78 1020			.3		0.118	0.480	0.004	0.081	0.203	0.362	0.565	254.0	1.1	253
13 04 78 0940			.3		0.044	0.280	0.004	0.145	0.193	0.236	0.429	201.0	3.0	198
09 05 78 1220			.3		0.008	0.320	0.002	0.010	0.020	0.312	0.332	164.0	2.4	162
14 06 78 1210			.3		0.010	0.490	0.002	0.005L	0.017	0.480	0.497	170.0	3.9	166
11 07 78 1215			.3		0.004	0.430	0.001	0.005	0.010	0.426	0.436	140.0	4.0	136
22 08 78 1210			.3		0.041	0.490	0.002	0.048	0.091	0.449	0.540	137.0	3.6	133
27 09 78 1150			.3		0.022	0.530	0.002	0.010	0.034	0.508	0.542	135.0	2.3	133
23 10 78 1200			.3		0.014	0.380	0.002	0.010	0.026	0.366	0.392	138.0	1.7	136
15 11 78 1250			.3		0.010	0.420	0.002	0.018	0.030	0.410	0.440	165.0	2.0	163
05 12 78 1305			.3		0.045	0.490	0.002	0.053	0.100	0.445	0.545	184.0	2.0	182
MAXIMUM					0.118	0.530	0.004	0.157	0.266	0.508	0.565	254.0	4.0	253
AVG OR GEOM MN (*)					0.038	0.428	0.002	0.049D	0.090	0.390	0.480	175.4	2.5	173
MINIMUM					0.004	0.280	0.001	0.005	0.010	0.236	0.332	135.0	1.0	133
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
18 01 78 1010			.3		370	0.95	5.5	0.040L
16 02 78 1020			.3		389	1.70	6.1	0.030L
13 04 78 0940			.3		305	1.10	3.9	0.030L
09 05 78 1220			.3		250	1.40	2.6	0.050
14 06 78 1210			.3		255	2.10	3.2	0.050
11 07 78 1215			.3		210	20.00	3.8	0.050
22 08 78 1210			.3		205	1.60	4.1	0.050
27 09 78 1150			.3		205	1.60	4.2	0.050
23 10 78 1200			.3		210	1.00	4.1	0.020L
15 11 78 1250			.3		250	1.60	4.0	0.020L
05 12 78 1305			.3		280	2.50	5.2	0.020L
MAXIMUM					389	20.00	6.1	0.050
AVG OR GEOM MN (*)					266	3.23	4.2	0.037D
MINIMUM					205	0.95	2.6	0.020
NO OF SAMPLES					11	11	11	11

STATION ID: 03-0077-013-02

B.O.W./ SITE: SEVERN RIVER
SAMPLE POINT: AT MAIN LOCK DAM PORT SEVERN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 13   LAT: LONG: U T M: 17 0601175.0 4961750.0 4   REGION: 03

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1510			.3		36048	6	4.	2. L	2. L	0.0	13.2	0.4	0.015	0.001L
12 04 78	1530			.3		36181	6	92.	4. L	4. L	4.3	12.4	0.2	0.006	0.001L
10 05 78	0945			.3		35026	6	1500.	4. L	4.	9.0	12.4	0.4		
15 06 78	0945			.3		35082	6	10. L	2. L	4.	16.9	12.0	0.8	0.014	0.001
12 07 78	0915			.3		35121	6	20.	4.	24.	21.2	8.7	0.6	0.012	0.001L
23 08 78	0945			.3		35184	6	20.	2. L	2.	23.8	12.0	0.6	0.016	0.003
28 09 78	0915			.3		35240	6	30.	2. L	18.	12.9	9.3	0.5	0.008	0.001
24 10 78	0905			.3		35280	6	48.	2. L	10.	8.1	9.8		0.017	0.001
16 11 78	0925			.3		35336	6	16.	4. L	8.	6.2	10.9	0.6	0.013	0.009
06 12 78	0915			.3		35361	6	56.	4. L	4. L	2.6	12.5	0.2	0.012	0.001
MAXIMUM								1500.	4.	24.	23.8	13.2	0.8	0.017	0.009
AVG OR GEOM MN (*)								35.* D	3.* D	6.* D	10.5	11.3	0.5	0.013	0.002D
MINIMUM								4.	2.	2.	0.0	8.7	0.2	0.006	0.001
NO OF SAMPLES								10	10	10	10	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78	1510			.3		0.036	0.430	0.002	0.058	0.096	0.394	0.490	136.0	1.2	
12 04 78	1530			.3		0.032	0.290	0.007	0.130	0.169	0.258	0.427	170.0	14.0	
10 05 78	0945			.3									100.0	2.0	
15 06 78	0945			.3		0.026	0.350	0.003	0.080	0.109	0.324	0.433	115.0	1.2	
12 07 78	0915			.3		0.010	0.380	0.001	0.005L	0.016	0.370	0.386	135.0	0.9	
23 08 78	0945			.3		0.028	0.400	0.001	0.005L	0.034	0.372	0.406	141.0	0.9	
28 09 78	0915			.3		0.010	0.400	0.001	0.005	0.016	0.390	0.406	143.0	1.3	142
24 10 78	0905			.3		0.004	0.38	0.001	0.005	0.010	0.376	0.386			
16 11 78	0925			.3		0.009	0.400	0.001	0.064	0.074	0.391	0.465	154.0	1.0	
06 12 78	0915			.3		0.012	0.400	0.001	0.024	0.037	0.388	0.425	30.0	0.4	
MAXIMUM						0.036	0.430	0.007	0.130	0.169	0.394	0.490	170.0	14.0	142
AVG OR GEOM MN (*)						0.019	0.381	0.002	0.042D	0.062	0.363	0.425	124.9	2.5	142
MINIMUM						0.004	0.290	0.001	0.005	0.010	0.258	0.386	30.0	0.4	142
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
17 01 78	1510			.3		135	207	1.30	8.6						
12 04 78	1530			.3		156	240	1.90	10.0	19.0	1.00			7.54	0.200
10 05 78	0945			.3		98	150	1.10						7.71	
15 06 78	0945			.3		114	175	0.80	6.4	11.5	0.65			7.81	0.080
12 07 78	0915			.3		134	206	0.70	9.5	15.5	0.25			8.13	0.040
23 08 78	0945			.3		140	215	0.80	10.5	17.0	0.75			8.37	0.020
28 09 78	0915			.3			225	1.60	11.5	18.0	0.85			7.93	0.040
24 10 78	0905			.3					12.0	20.5	0.70	1.1	84		0.01
16 11 78	0925			.3		153	235	1.20	12.0	19.0	0.60			7.94	0.020
06 12 78	0915			.3		30	46	0.80	11.5	19.5	0.65	1.6	8	6.64	0.050
MAXIMUM						156	240	1.90	12.0	20.5	1.00	1.6	84	8.37	0.200
AVG OR GEOM MN (*)						120	189	1.13	10.2	17.5	0.68	1.3	46	7.76	0.058
MINIMUM						30	46	0.70	6.4	11.5	0.25	1.1	8	6.64	0.01
NO OF SAMPLES						8	9	9	9	8	8	2	2	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
17 01 78	1510			.3		1.0L									
12 04 78	1530			.3			5.5	29							
10 05 78	0945			.3		1.0L	5.4	25		0.001L	0.03 L	0.02 L	0.01 L	0.03 L	0.005L
15 06 78	0945			.3		1.0L	5.0	16		0.001	0.070	0.020L	0.010L	0.030L	0.005L
12 07 78	0915			.3		1.0L	5.1	22							
23 08 78	0945			.3		1.0L	5.0	16	1						
28 09 78	0915			.3		1.0L	4.8	27	1	0.001	0.020L	0.020L	0.010L	0.030L	0.005L
24 10 78	0905			.3						0.001	0.020	0.020L	0.010L	0.030L	0.005L
16 11 78	0925			.3		1.0L	4.9	47		0.001		0.020L	0.010	0.030L	0.005L
06 12 78	0915			.3		1.0L	3.4	22	1	0.001	0.020L	0.020L	0.020	0.030L	0.005L
MAXIMUM						1.0	5.5	47	1	0.001	0.070	0.02	0.020	0.03	0.005
AVG OR GEOM MN (*)						1.0D	4.9	26	1	0.001D	0.032D	0.020D	0.012D	0.030D	0.005D
MINIMUM						1.0	3.4	16	1	0.001	0.020	0.02	0.01	0.03	0.005
NO OF SAMPLES						8	8	8	3	6	5	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
10 05 78	0945			.3		0.01	0.02 L
15 06 78	0945			.3		0.010L	0.020L
28 09 78	0915			.3		0.010L	0.020L
24 10 78	0905			.3		0.010L	0.020L
16 11 78	0925			.3		0.010	0.020L
06 12 78	0915			.3		0.010L	0.020L
MAXIMUM						0.01	0.02
AVG OR GEOM MN (*)						0.010D	0.020D
MINIMUM						0.01	0.02
NO OF SAMPLES						6	6

B.O.W./ SITE: UXBRIDGE BROOK
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF UXBRIDGE STP
STATION TYPE: RIVER FLOW GAUGE FED 02EC101
STATION ID: 03-0077-014-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02
002
2720

STN NO: 14 LAT: LONG: U T M: 17 0650200.0 4886875.0 4 REGION: 03 MILEAGE: 84.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1315			.3		36059	6	9.50	32.	2. L	2. L	1.2	14.8	0.4	0.048
16 02 78 1335			.3		36087	6	9.80	71000.	200.	300.	3.8	12.4	6.0	0.395
13 04 78 1200			.3		36192	6	21.60	300.	2. L	102.	6.5		1.0	0.143
09 05 78 0945			.3		35015	6	17.20	1480.	224.	114.	10.0	11.6	0.6	0.046
14 06 78 0950			.3		35071	6	13.20	2700.	132.	272.	12.9	13.4	2.0	0.048
11 07 78 1015			.3		35110	6	8.40	6000.	16.	124.	17.0	10.4	4.5	0.077
22 08 78 1000			.3		35173	6	12.40	2600.	104.	132.	18.0	12.4	1.0	0.600
27 09 78 0920			.3		35229	6	10.30	700.	92.	124.	13.0	10.6	0.4	0.038
23 10 78 0935			.3		35269	6	14.00	500.	48.	48.	10.0	10.9	0.2	0.019
15 11 78 1025			.3		35325	6	11.20	530.	32.	400.	6.2	11.8	0.8	0.028
05 12 78 1045			.3		35350	6	11.90	490.	96.	92.	4.9	11.2	0.8	0.023
MAXIMUM							21.60	71000.	224.	400.	18.0	14.8	6.0	0.600
AVG OR GEOM MN (*)							12.68	1131.*	41.* D	97.* D	9.4	12.0	1.6	0.133
MINIMUM							8.40	32.	2.	2.	1.2	10.4	0.2	0.019
NO OF SAMPLES							11	11	11	11	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1315			.3		0.031	0.268	0.500	0.013	0.832	1.113	0.232	1.345	288.0	7.4
16 02 78 1335			.3		0.031	2.270	3.600	0.051	0.619	2.940	1.330	4.270	360.0	20.0
13 04 78 1200			.3		0.066	0.138	0.650	0.021	1.180	1.339	0.512	1.851	291.0	25.0
09 05 78 0945			.3		0.005	0.086	0.450	0.013	0.535	0.634	0.364	0.998	283.0	17.0
14 06 78 0950			.3		0.009	0.340	0.800	0.074	0.235	0.649	0.460	1.109	269.0	11.0
11 07 78 1015			.3		0.008	0.560	1.020	0.145	0.235	0.940	0.460	1.400	270.0	9.8
22 08 78 1000			.3		0.011	0.223	0.600	0.210	0.430	0.863	0.377	1.240	280.0	9.8
27 09 78 0920			.3		0.009	0.112	0.360	0.175	0.655	0.942	0.248	1.190	276.0	9.1
23 10 78 0935			.3		0.002	0.030	0.270	0.067	0.360	0.457	0.240	0.697	281.0	5.4
15 11 78 1025			.3		0.003	0.151	0.410	0.039	0.441	0.631	0.259	0.890	218.0	9.0
05 12 78 1045			.3		0.008	0.320	0.580	0.058	0.572	0.950	0.260	1.210	284.0	5.0
MAXIMUM					0.066	2.270	3.600	0.210	1.180	2.940	1.330	4.270	360.0	25.0
AVG OR GEOM MN (*)					0.017	0.409	0.840	0.079	0.554	1.042	0.431	1.473	281.8	11.7
MINIMUM					0.002	0.030	0.270	0.013	0.235	0.457	0.232	0.697	218.0	5.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
18 01 78 1315			.3		281		462	2.70	20.0	0.020L	0.010L	0.030L		0.020
16 02 78 1335			.3		340		555	8.60	32.0	0.020L	0.020	0.030L		0.010L
13 04 78 1200			.3		266		430	6.40	24.5	0.020L	0.020	0.030L		0.010L
09 05 78 0945			.3		266		435	4.20	20.0	0.02 L	0.08	0.03 L		0.02
14 06 78 0950			.3		258		430	2.80	18.5	0.020L	0.020	0.030L		0.010L
11 07 78 1015			.3			260	400	3.00	13.5	0.020L	0.020	0.030L	0.005L	0.010L
22 08 78 1000			.3			270	415	2.60	17.0	0.020L	0.020	0.030L	0.005L	0.010L
27 09 78 0920			.3		268		430	1.40	17.5	0.02 L	0.01 L			0.02
23 10 78 0935			.3		276		445	2.20	19.0	0.020L	0.010L	0.030L		0.010L
15 11 78 1025			.3		209		470	3.00	19.5	0.020L	0.020	0.030L		0.010L
05 12 78 1045			.3		279		465	4.00	21.0	0.020L	0.010L	0.040		0.010L
MAXIMUM					340	270	555	8.60	32.0	0.020	0.08	0.040	0.005	0.020
AVG OR GEOM MN (*)					271	265	449	3.72	20.2	0.020D	0.022D	0.0310	0.005D	0.013D
MINIMUM					209	260	400	1.40	13.5	0.020	0.010	0.030	0.005	0.010
NO OF SAMPLES					9	2	11	11	11	11	11	10	3	11

B.O.W./ SITE: DRAINAGE CANAL
SAMPLE POINT: UPSTREAM FROM PUMPING STATION NORTH WEST END
STATION TYPE: RIVER
STATION ID: 03-0077-017-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER
STORET CODE: 02
002
2720

STN NO: 17 LAT: LONG: U T M: 17 0610600.0 4877975.0 4 REGION: 03 MILEAGE: 88.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1440			.3		38015	4	900.	100.	20.	1.5		0.8	0.054	0.021
28 02 78 1530			.3		38036	4	3100.	110.	70.	0.0	6.2	0.6	0.046	0.013
03 04 78 1315			.3		38049	3	880.	70.	230.	0.0	9.0	3.5	0.238	0.057
01 05 78 1400			.3		38062	6	4600.	100.	40.	8.0	10.8	2.8	0.510	0.160
01 06 78 1400			.3		38075	6	500.	10. L	550.	25.0	9.0	3.8	0.055	0.006
05 07 78 1405			.3		38088	9 5	110.	60.	36.	27.0	6.8	2.2	0.071	0.010
31 07 78 1355			.3		38101	6	500.	4. L	24.	23.0	7.2	1.4	0.088	0.030
06 09 78 1350			.3		38114	5	310.	44.	44.	22.0	6.4	3.5	0.044	0.003
02 10 78 1315			.3		38127	8 5 9	150.	12.	4. L	15.2	9.0	1.0	0.054	0.001
01 11 78 1405			.3		38140	5 9	140.	4. L	4. L	8.0	8.4	1.4	0.033	0.005
29 11 78 1405			.3		38153	4	1500.	24.	96.	0.0	8.2	1.4	0.028	0.008
MAXIMUM							4600.	110.	550.	27.0	10.8	3.8	0.510	0.160
AVG OR GEOM MN (*)							590.*	28.* D	40.* D	11.8	8.1	2.0	0.111	0.029
MINIMUM							110.	4.	4.	0.0	6.2	0.6	0.028	0.001
NO OF SAMPLES							11	11	11	11	10	11	11	11

(C O N T D)

STATION ID: 03-0077-017-02

B.O.W./ SITE: DRAINAGE CANAL
SAMPLE POINT: UPSTREAM FROM PUMPING STATION NORTH WEST END
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 17 LAT: LONG: U T M: 17 0610600.0 4877975.0 4 REGION: 03 MILEAGE: 88.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1440			.3		0.120	1.200	0.008	1.630	1.758	1.080	2.838	491.0	5.6	485
28 02 78 1530			.3		0.230	0.660	0.006	0.784	1.020	0.430	1.450	438.0	4.9	433
03 04 78 1315			.3		0.088	1.100	0.062	2.750	2.900	1.012	3.912	302.0	23.0	279
01 05 78 1400			.3		0.192	2.200	0.115	7.130	7.437	2.008	9.445	786.0	39.0	747
01 06 78 1400			.3		0.056	0.770	0.003	0.005L	0.064	0.714	0.778	367.0	8.5	359
05 07 78 1405			.3		0.002L	0.850	0.002	0.005L	0.009	0.848	0.857	384.0	7.7	376
31 07 78 1355			.3		0.002	0.810	0.002	0.005L	0.009	0.808	0.817	385.0	6.6	378
06 09 78 1350			.3		0.006	0.520	0.002	0.005	0.013	0.514	0.527	335.0	16.0	319
02 10 78 1315			.3		0.020	0.650	0.003	0.005L	0.028	0.630	0.658	383.0	8.2	375
01 11 78 1405			.3		0.007	0.520	0.004	0.020	0.031	0.513	0.544	405.0	7.0	398
29 11 78 1405			.3		0.050	0.500	0.005	0.165	0.220	0.450	0.670	419.0	2.0	417
MAXIMUM					0.230	2.200	0.115	7.130	7.437	2.008	9.445	786.0	39.0	747
AVG OR GEOM MN (*)					0.070D	0.889	0.019	1.137D	1.226	0.819	2.045	426.8	11.7	415
MINIMUM					0.002	0.500	0.002	0.005	0.009	0.430	0.527	302.0	2.0	279
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1440			.3		750	5.40	35.0
28 02 78 1530			.3		710	6.40	47.5
03 04 78 1315			.3		446	18.00	18.0
01 05 78 1400			.3		960	8.60	77.0
01 06 78 1400			.3		600	3.60	33.0
05 07 78 1405			.3		580	4.80	37.5
31 07 78 1355			.3		580	4.90	39.5
06 09 78 1350			.3		510	8.10	30.0
02 10 78 1315			.3		580	4.50	39.0
01 11 78 1405			.3		620	5.50	31.5
29 11 78 1405			.3		660	3.5	38.5
MAXIMUM					960	18.00	77.0
AVG OR GEOM MN (*)					636	6.66	38.8
MINIMUM					446	3.5	18.0
NO OF SAMPLES					11	11	11

STATION ID: 03-0077-018-02

B.O.W./ SITE: MASKINONGE JERSEY RIVER
SAMPLE POINT: YORK COUNTY ROAD 12 SOUTH OF KESWICK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 18 LAT: LONG: U T M: 17 0622600.0 4898150.0 4 REGION: 03 MILEAGE: 74.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 0955			.3		38004	4	1300.	10.	400.	2.0		0.2	0.071	0.034
03 02 78 1130			.3		38020	4	1100.	10. L	30.	0.0	6.8	0.8	0.064	0.041
28 02 78 1115			.3		38028	4	700.	36.	24.	0.0	7.8	0.5	0.081	0.035
04 04 78 0940			.3		38041	6	250.	4. L	132.	1.0	9.0	1.0	0.070	0.030
01 05 78 1035			.3		38054	6	190.	4.	16.	8.5	10.0	2.4	0.104	0.002
01 06 78 1050			.3		38067	9	1200.	72.	12.	19.5	7.8	2.4	0.048	0.015
05 07 78 1050			.3		38080	6	140.	4. L	28.	23.5	8.0	2.4	0.070	0.007
31 07 78 1040			.3		38093	6	170.	2.	20.	21.5	8.0	1.6	0.145	0.037
06 09 78 1040			.3		38106	6	200.	32.	18.	23.0	5.8	1.5	0.088	0.037
02 10 78 1030			.3		38119	5	2300.	12.	24.	14.5	6.8	1.8	0.099	0.029
01 11 78 1050			.3		38132	9 5	120.	2. L	4.	8.5	7.8	2.2	0.095	0.009
29 11 78 1045			.3		38145	4	130.	2.	2. L	0.0	9.4	0.2	0.037	0.005
MAXIMUM							2300.	72.	400.	23.5	10.0	2.4	0.145	0.041
AVG OR GEOM MN (*)							382.*	8.* D	22.* D	10.2	7.9	1.4	0.081	0.023
MINIMUM							120.	2.	2.	0.0	5.8	0.2	0.037	0.002
NO OF SAMPLES							12	12	12	12	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 0955			.3		0.126	5.800	0.009	0.631	0.766	5.674	6.440	512.0	2.7	509
03 02 78 1130			.3		0.332	1.050	0.016	0.784	1.132	0.718	1.850	536.0	3.6	532
28 02 78 1115			.3		0.382	1.190	0.011	0.969	1.362	0.808	2.170	538.0	6.3	532
04 04 78 0940			.3		0.084	0.730	0.023	1.430	1.537	0.646	2.183	290.0	5.6	284
01 05 78 1035			.3		0.008	1.100	0.010	0.125	0.143	1.092	1.235	341.0	23.0	318
01 06 78 1050			.3		0.086	0.800	0.005	0.005	0.096	0.714	0.810	321.0	15.0	306
05 07 78 1050			.3		0.006	0.790	0.002	0.010	0.018	0.784	0.802	283.0	7.4	275
31 07 78 1040			.3		0.004	0.900	0.002	0.028	0.034	0.896	0.930	251.0	9.7	241
06 09 78 1040			.3		0.042	0.620	0.003	0.010	0.055	0.578	0.633	250.0	6.4	
02 10 78 1030			.3		0.032	0.850	0.004	0.025	0.061	0.818	0.879	252.0	5.1	
01 11 78 1050			.3		0.066	0.940	0.003	0.025	0.094	0.874	0.968	329.0	6.5	323
29 11 78 1045			.3		0.086	0.730	0.003	0.052	0.141	0.644	0.785	291.0	2.0	389
MAXIMUM					0.382	5.800	0.023	1.430	1.537	5.674	6.440	538.0	23.0	532
AVG OR GEOM MN (*)					0.105	1.292	0.008	0.341	0.453	1.187	1.640	349.5	7.8	371
MINIMUM					0.004	0.620	0.002	0.005	0.018	0.578	0.633	250.0	2.0	241
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

(C O N T D)

```
                                        107         14        16        56         235
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL        COND.     TURB.   CHLORIDE     TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS        25C  FORMAZIN      MG/L    MERCURY
               FEET       MTRS    MG/L          UMHOS     UNITS                 UG/L

04 01 78 0955               .3                    780      3.40      49.0     0.020L
03 02 78 1130               .3                    820      5.70      52.0     0.040L
28 02 78 1115               .3                    815      5.90      49.0     0.030L
04 04 78 0940               .3                    442      3.20      22.5     0.050L
01 05 78 1035               .3                    510      7.00      35.0     0.050L
01 06 78 1050               .3                    470      4.70      31.5     0.020L
05 07 78 1050               .3                    420      3.90      28.5     0.030L
31 07 78 1040               .3                    365      3.30      27.5     0.040L
06 09 78 1040               .3         244        375      2.70      32.5     0.040L
02 10 78 1030               .3         247        380      2.80      33.5     0.040L
01 11 78 1050               .3                    520      3.70      36.0     0.070
29 11 78 1045               .3                    600      2.6       39.5     0.030L

                       MAXIMUM         247        820      7.00      52.0     0.070
           AVG OR GEOM MN (*)          246        541      4.08      36.4     0.038D
                       MINIMUM         244        365      2.6       22.5     0.020

                NO OF SAMPLES            2         12        12        12         12
```

```
 B.O.W./ SITE: BLACK RIVER                                                                  STATION ID:  03-0077-019-02
 SAMPLE POINT: HIGHWAY 48 BRIDGE BALDWIN
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                    002
                                                        TERM STREAM: SEVERN RIVER                                  2720

STN NO:     19     LAT:             LONG:               U T M: 17 0632150.0 4902025.0 4    REGION: 03          MILEAGE:   71.10

                                      934     901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO           COLIFORM  COLIFORM    ENTER.     TEMP.       02       BOD         P  REACTIVE
               FEET       MTRS                     MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L    P MG/L

04 01 78 1120               .3      38006   4          68.       10.      480.       1.5                 0.2     0.032     0.010
03 02 78 1225               .3      38021   4         220.       10.  L    10.       0.0       8.6       0.8     0.037     0.016
28 02 78 1300               .3      38030   4          70.        4.       16.       0.0       8.6       0.5     0.064     0.016
04 04 78 1100               .3      38043   3         100.        8.      232.       1.5      10.0       0.5     0.060     0.017
01 05 78 1130               .3      38056   6         160.       36.        8.       7.5      10.0       0.2     0.026     0.003
01 06 78 1140               .3      38069   6         380.       20.       48.      22.5       7.0       3.4     0.095     0.017
05 07 78 1140               .3      38082   7         400.        4.  L    44.      24.0       7.0       2.0     0.049     0.006
31 07 78 1136               .3      38095   7         100.        4.  L    24.      21.0       8.8       0.5     0.052     0.013
06 09 78 1130               .3      38108   7         120.        4.       20.      23.5       8.0       1.8     0.047     0.006
02 10 78 1110               .3      38121   7        1900.        4.        4.  L   14.0       9.4       0.6     0.027     0.002
01 11 78 1140               .3      38134   7          20.        4.  L     4.  L    9.0      10.8       0.4     0.054     0.002
29 11 78 1140               .3      38147   6 8       100.  L    14.       54.       0.0      10.4       0.2     0.016     0.003

                       MAXIMUM                       1900.       36.      480.      24.0      10.8       3.4     0.095     0.017
           AVG OR GEOM MN (*)                         149.* D     8.* D    27.* D   10.4       9.0       0.9     0.047     0.009
                       MINIMUM                         20.        4.        4.       0.0       7.0       0.2     0.016     0.002

                NO OF SAMPLES                            12        12        12        12        11        12        12        12
```

```
                                    19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS       MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

04 01 78 1120               .3      0.108     1.440     0.008     0.567     0.683     1.332     2.015     371.0       2.3       369
03 02 78 1225               .3      0.088     0.640     0.009     0.571     0.668     0.552     1.220     352.0       3.2       349
28 02 78 1300               .3      0.144     0.650     0.008     0.672     0.824     0.506     1.330     308.0       8.4       300
04 04 78 1100               .3      0.092     0.590     0.011     0.090     0.193     0.498     0.691     239.0       3.8
01 05 78 1130               .3      0.008     0.700     0.003     0.020     0.031     0.692     0.723     255.0       4.7
01 06 78 1140               .3      0.134     1.080     0.004     0.005L    0.143     0.946     1.089     277.0       6.7
05 07 78 1140               .3      0.058     0.660     0.006     0.010     0.074     0.602     0.676     230.0       6.2
31 07 78 1136               .3      0.018     0.540     0.003     0.005     0.026     0.522     0.548     224.0       2.9
06 09 78 1130               .3      0.030     0.240     0.002     0.005     0.037     0.210     0.247     234.0       3.0
02 10 78 1110               .3      0.008     0.550     0.004     0.010     0.022     0.542     0.564     272.0       2.0
01 11 78 1140               .3      0.004     0.590     0.004     0.060     0.068     0.586     0.654     307.0       5.2       302
29 11 78 1140               .3      0.020     0.490     0.006     0.404     0.430     0.470     0.900     344.0       9.0       333

                       MAXIMUM      0.144     1.440     0.011     0.672     0.824     1.332     2.015     371.0       9.0       369
           AVG OR GEOM MN (*)       0.059     0.681     0.006     0.202D    0.267     0.622     0.888     284.4       4.8       331
                       MINIMUM      0.004     0.240     0.002     0.005     0.022     0.210     0.247     224.0       2.0       300

                NO OF SAMPLES          12        12        12        12        12        12        12        12        12         5
```

```
                                   107         14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ CALCUL      COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH    D-SOLIDS      25C  FORMAZIN      MG/L
               FEET       MTRS   MG/L        UMHOS     UNITS

04 01 78 1120               .3                 550      2.90      22.5
03 02 78 1225               .3                 560      4.60      27.0
28 02 78 1300               .3                 494      4.30      16.5
04 04 78 1100               .3        235      362      3.40      13.5
01 05 78 1130               .3        250      385      2.30      13.0
01 06 78 1140               .3        270      415      2.50      14.0
05 07 78 1140               .3        224      345      3.10      10.5
31 07 78 1136               .3        221      340      1.90      10.5
06 09 78 1130               .3        231      355      1.80      11.5
02 10 78 1110               .3        270      415      1.50      13.5
01 11 78 1140               .3                 450      3.60      14.5
29 11 78 1140               .3                 520      1.9       18.0

                       MAXIMUM        270      560      4.60      27.0
           AVG OR GEOM MN (*)         243      433      2.82      15.4
                       MINIMUM        221      340      1.50      10.5

                NO OF SAMPLES           7       12        12        12
```

B.O.W./ SITE: MOUNT ALBERT CREEK
SAMPLE POINT: SECOND CONCESSION NORTH OF MOUNT ALBERT EAST OF HIGHWAY 48
STATION TYPE: RIVER FLOW GAUGE MOE 02EC104

STATION ID: 03-0077-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 21 LAT: LONG: U T M: 17 0633700.0 4891500.0 4 REGION: 03 MILEAGE: 79.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78 1150			.3		38008	4		560.	30.	10. L	2.0		0.8	0.042
03 02 78 1255			.3		38022	4		700.	10.	10. L	0.0	9.4	0.5	0.050
28 02 78 1330			.3		38031	4		470.	12.	12.	0.5	10.4	0.2	0.022
04 04 78 1125			.3		38044	3 6	45.5	1900.	32.	420.	2.0	10.2	0.8	0.077
01 05 78 1145			.3		38057	6	18.6	2400.	24.	20.	7.0	10.2	0.2	0.050
01 06 78 1200			.3		38070	6	13.8	370.	28.	80.	20.0	10.6	2.0	0.078
05 07 78 1150			.3		38083	9 5	9.7	400.	20.	156.	21.5	13.8	1.8	0.153
31 07 78 1213			.3		38096	5	9.6	560.	52.	80.	18.0	10.0	1.4	0.077
06 09 78 1150			.3		38109	6	12.2	2300.	16.	56.	20.0	8.8	1.6	0.155
02 10 78 1130			.3		38122	6	18.9	1300.	312.	292.	12.5	9.2	0.4	0.073
01 11 78 1200			.3		38135	6	17.6	290.	12.	148.	7.5	9.0	0.8	0.051
29 11 78 1200			.3		38148	6 8	13.9	200.	4.	36.	1.0	9.8	0.8	0.052
MAXIMUM							45.5	2400.	312.	420.	21.5	13.8	2.0	0.155
AVG OR GEOM MN (*)							17.8	692.*	23.*	56.* D	9.3	10.1	0.9	0.073
MINIMUM							9.6	200.	4.	10.	0.0	8.8	0.2	0.022
NO OF SAMPLES							9	12	12	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
04 01 78 1150			.3		0.015	0.106	1.330	0.008	0.797	0.911	1.224	2.135	308.0	6.8
03 02 78 1255			.3		0.022	0.132	0.500	0.011	0.879	1.022	0.368	1.390	308.0	8.2
28 02 78 1330			.3		0.017	0.110	0.400	0.008	0.857	0.975	0.290	1.265	270.0	4.8
04 04 78 1125			.3		0.039	0.228	0.750	0.015	1.180	1.423	0.522	1.945	279.0	4.8
01 05 78 1145			.3		0.004	0.022	0.480	0.009	0.485	0.516	0.458	0.974	276.0	6.0
01 06 78 1200			.3		0.017	0.122	0.620	0.043	0.437	0.602	0.498	1.100	269.0	8.8
05 07 78 1150			.3		0.022	0.004	1.020	0.020	0.295	0.319	1.016	1.335	265.0	21.0
31 07 78 1213			.3		0.005	0.008	0.520	0.031	0.339	0.378	0.512	0.890	251.0	9.3
06 09 78 1150			.3		0.011	0.048	0.470	0.037	0.485	0.570	0.422	0.992	269.0	9.1
02 10 78 1130			.3		0.006	0.044	0.470	0.020	0.510	0.574	0.426	1.000	280.0	4.5
01 11 78 1200			.3		0.010	0.039	0.480	0.010	0.565	0.614	0.441	1.055	286.0	12.0
29 11 78 1200			.3		0.010	0.092	0.700	0.009	0.801	0.902	0.608	1.510	302.0	13.0
MAXIMUM					0.039	0.228	1.330	0.043	1.180	1.423	1.224	2.135	308.0	21.0
AVG OR GEOM MN (*)					0.015	0.080	0.645	0.018	0.636	0.734	0.565	1.299	280.3	9.0
MINIMUM					0.004	0.004	0.400	0.008	0.295	0.319	0.290	0.890	251.0	4.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 01 78 1150			.3		301		484	4.30	15.5
03 02 78 1255			.3		300		479	5.20	15.5
28 02 78 1330			.3		265		449	3.40	12.0
04 04 78 1125			.3			274	421	2.40	14.5
01 05 78 1145			.3			270	415	2.00	13.0
01 06 78 1200			.3			260	400	3.00	12.0
05 07 78 1150			.3			244	375	3.60	9.9
31 07 78 1213			.3		242		370	4.10	9.0
06 09 78 1150			.3			260	400	3.60	10.5
02 10 78 1130			.3			276	425	3.40	12.5
01 11 78 1200			.3		274		445	3.40	12.5
29 11 78 1200			.3		289		460	5.2	14.0
MAXIMUM					301	276	484	5.20	15.5
AVG OR GEOM MN (*)					279	264	427	3.63	12.6
MINIMUM					242	244	370	2.00	9.0
NO OF SAMPLES					6	6	12	12	12

B.O.W./ SITE: LAKE SIMCOE OUTLET
SAMPLE POINT: HIGHWAY 12 ATHERLEY
STATION TYPE: RIVER

STATION ID: 03-0077-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 22 LAT: LONG: U T M: 17 0629400.0 4940050.0 4 REGION: 03 MILEAGE: 44.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1630			.3		36050	4	4. L	2. L	2. L	0.0	14.8	0.4	0.011	0.005
15 02 78 1645			.3		36078	4	4.	2. L	2. L	0.0	9.4	1.4	0.014	0.003
12 04 78 1640			.3		36183	6	3000.	4. L	20.	3.3	13.2	0.4	0.010	0.002
09 05 78 1420			.3		35024	6	2000.	12.	20.	10.0	11.6	0.5	0.029	0.001
14 06 78 1410			.3		35080	6	100. L	4. L	4. L	12.9	13.8	0.4	0.020	0.001
11 07 78 1420			.3		35119	6	4. L	2. L	2.	16.5	9.6	0.8	0.025	0.001
22 08 78 1420			.3		35182	6	4. L	2. L	2.	24.1	13.6	0.2	0.012	0.001
27 09 78 1420			.3		35238	6	12.	2. L	2. L	16.5	8.4	0.8	0.015	0.001
23 10 78 1425			.3		35278	6	160.	4. L	4.	10.0	10.8	0.4	0.015	0.001
15 11 78 1500			.3		35334	6	10. L	4. L	4.	6.8	12.1	0.2	0.013	0.001
05 12 78 1515			.3		35359	4	12.	2.	2.	1.9	14.2	0.4	0.024	0.001
MAXIMUM							3000.	12.	20.	24.1	14.8	1.4	0.029	0.005
AVG OR GEOM MN (*)							32.* D	3.* D	4.* D	9.3	12.0	0.5	0.017	0.002
MINIMUM							4.	2.	2.	0.0	8.4	0.2	0.010	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78	1630			.3		0.018	0.350	0.001	0.014	0.033	0.332	0.365	219.0	3.6	215
15 02 78	1645			.3		0.026	0.530	0.003	0.005L	0.034	0.504	0.538	220.0	1.3	219
12 04 78	1640			.3		0.016	0.370	0.001	0.020	0.037	0.354	0.391	212.0	3.7	208
09 05 78	1420			.3		0.014	0.460	0.002	0.005L	0.021	0.446	0.467	207.0	1.8	205
14 06 78	1410			.3		0.032	0.470	0.001	0.015	0.048	0.438	0.486	211.0	3.1	208
11 07 78	1420			.3		0.010	0.400	0.001	0.005L	0.016	0.390	0.406	203.0	2.5	201
22 08 78	1420			.3		0.019	0.380	0.002	0.005L	0.026	0.361	0.387	191.0	2.4	189
27 09 78	1420			.3		0.008	0.400	0.001	0.005	0.014	0.392	0.406	212.0	7.0	205
23 10 78	1425			.3		0.008	0.410	0.001	0.005L	0.014	0.402	0.416	209.0	4.0	205
15 11 78	1500			.3		0.014	0.410	0.001	0.019	0.034	0.396	0.430	224.0	3.0	221
05 12 78	1515			.3		0.018	0.500	0.002	0.043	0.063	0.482	0.545	227.0	12.0	215
MAXIMUM						0.032	0.530	0.003	0.043	0.063	0.504	0.545	227.0	12.0	221
AVG OR GEOM MN (*)						0.017	0.425	0.001	0.013D	0.031	0.409	0.440	212.3	4.0	208
MINIMUM						0.008	0.350	0.001	0.005	0.014	0.332	0.365	191.0	1.3	189
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L	235 TOTAL MERCURY UG/L
17 01 78	1630			.3		331	3.50	14.5	1.0L	
15 02 78	1645			.3		337	1.70	16.0	1.0L	0.030L
12 04 78	1640			.3		320	1.00	14.5	1.0L	0.030L
09 05 78	1420			.3		315	3.50	14.0	1.0L	0.060
14 06 78	1410			.3		320	1.40	14.0	1.0L	0.030L
11 07 78	1420			.3		310	1.70	14.0	1.0L	0.030L
22 08 78	1420			.3		290	2.40	14.5	1.0L	0.030L
27 09 78	1420			.3		315	4.50	15.5	1.0L	0.030L
23 10 78	1425			.3		315	3.40	15.5	1.0L	0.020
15 11 78	1500			.3		340	3.50	15.5	1.0L	0.020
05 12 78	1515			.3		330	8.50	16.0	1.0L	0.020L
MAXIMUM						340	8.50	16.0	1.0	0.060
AVG OR GEOM MN (*)						320	3.19	14.9	1.00	0.030D
MINIMUM						290	1.00	14.0	1.0	0.020
NO OF SAMPLES						11	11	11	11	10

B.O.M./ SITE: SEVERN RIVER
SAMPLE POINT: AT HIGHWAY NO 11 SEVERN BRIDGE
STATION TYPE: RIVER

STATION ID: 03-0077-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 23 LAT: LONG: U T M: 17 0631700.0 4959200.0 4 REGION: 03 MILEAGE: 33.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78	0910			.3		36051	6	24.	2. L	4.	0.0	12.8	0.2	0.017	0.001L
16 02 78	0910			.3		36079	4	4.	2. L	2. L	0.0	11.2	0.2	0.028	0.013
13 04 78	0830			.3		36184	3 6	72.	2. L	26.	2.1		0.8	0.040	0.001
09 05 78	1330			.3		35023	6	56.	2.	20.	12.3	10.4	0.4	0.020	0.002
14 06 78	1330			.3		35079	6	96.	30.	34.	17.2	12.0	0.4	0.017	0.001
11 07 78	1340			.3		35118	6	8.	2. L	6.	22.5	8.9	0.5	0.012	0.001
22 08 78	1340			.3		35181	6	8.	4.	2.	23.8	11.3	0.2	0.013	0.002
27 09 78	1320			.3		35237	6 9	4.	2. L	4.	16.1	9.9	0.2	0.009	0.001L
23 10 78	1320			.3		35277	6	20.	2.	20.	9.1	12.0	0.2	0.010	0.001
15 11 78	1400			.3		35333	6	52.	2. L	26.	5.9	12.6	0.2	0.014	0.001L
05 12 78	1425			.3		35358	4	76.	4.	12.	1.7	14.4	0.4	0.013	0.002
MAXIMUM								96.	30.	34.	23.8	14.4	0.8	0.040	0.013
AVG OR GEOM MN (*)								23.*	3.* D	9.* D	10.1	11.6	0.3	0.018	0.002D
MINIMUM								4.	2.	2.	0.0	8.9	0.2	0.009	0.001
NO OF SAMPLES								11	11	11	11	10	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
18 01 78	0910			.3		0.038	0.480	0.002	0.048	0.088	0.442	0.530	171.0	1.4	170
16 02 78	0910			.3		0.046	0.390	0.003	0.022	0.071	0.344	0.415	190.0	1.9	188
13 04 78	0830			.3		0.072	0.490	0.004	0.160	0.236	0.418	0.654	120.0	19.0	101
09 05 78	1330			.3		0.024	0.410	0.004	0.155	0.183	0.386	0.569	103.0	2.4	101
14 06 78	1330			.3		0.024	0.450	0.003	0.055	0.082	0.428	0.508	158.0	5.3	153
11 07 78	1340			.3		0.010	0.400	0.002	0.018	0.030	0.390	0.420	161.0	2.3	159
22 08 78	1340			.3		0.015	0.410	0.002	0.005L	0.022	0.395	0.417	172.0	2.6	169
27 09 78	1320			.3		0.010	0.410	0.001	0.015	0.026	0.400	0.426	171.0	2.2	169
23 10 78	1320			.3		0.006	0.340	0.002	0.010	0.018	0.334	0.352	161.0	1.9	159
15 11 78	1400			.3		0.014	0.450	0.002	0.053	0.069	0.436	0.505	160.0	1.0	159
05 12 78	1425			.3		0.029	0.440	0.003	0.072	0.104	0.411	0.515	112.0	1.0	111
MAXIMUM						0.072	0.490	0.004	0.160	0.236	0.442	0.654	190.0	19.0	188
AVG OR GEOM MN (*)						0.026	0.425	0.003	0.0560	0.084	0.398	0.483	152.6	3.7	149
MINIMUM						0.006	0.340	0.001	0.005	0.018	0.334	0.352	103.0	1.0	101
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

(C O N T D)

B.O.W./ SITE: SEVERN RIVER
SAMPLE POINT: AT HIGHWAY NO 11 SEVERN BRIDGE
STATION TYPE: RIVER

STATION ID: 03-0077-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 23 LAT: LONG: U T M: 17 0631700.0 4959200.0 4 REGION: 03 MILEAGE: 33.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L	235 TOTAL MERCURY UG/L
18 01 78 0910			.3		261	1.40	11.0	1.0	0.040L
16 02 78 0910			.3		289	1.90	12.0	1.0L	0.030
13 04 78 0830			.3		155	5.50	6.1		0.030
09 05 78 1330			.3		155	1.40	4.4	1.0	0.200
14 06 78 1330			.3		235	1.80	10.5		0.030L
11 07 78 1340			.3		245	1.70	12.5	1.0L	0.030L
22 08 78 1340			.3		260	1.50	14.5	1.0L	0.030L
27 09 78 1320			.3		260	1.50	14.0	1.0L	0.030L
23 10 78 1320			.3		245	1.40	12.5	1.0L	0.020L
15 11 78 1400			.3		245	2.00	10.5	1.0L	0.020L
05 12 78 1425			.3		170	2.40	7.3	1.0L	0.020L
MAXIMUM					289	5.50	14.5	1.0	0.200
AVG OR GEOM MN (*)					229	2.05	10.5	1.0D	0.044D
MINIMUM					155	1.40	4.4	1.0	0.020
NO OF SAMPLES					11	11	11	9	11

B.O.W./ SITE: BEAVERTON RIVER
SAMPLE POINT: RAILROAD BRIDGE BEAVERTON
STATION TYPE: RIVER FLOW GAUGE FED 02EC011

STATION ID: 03-0077-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 25 LAT: LONG: U T M: 17 0646445.0 4921175.0 4 REGION: 03 MILEAGE: 61.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1040			.3		36055	4	84.00	630.	56.	4.	0.0	6.8	0.8	0.038
16 02 78 1050			.3		36083	4	53.00	310.	16.	20.	1.0	8.2	0.2	0.041
13 04 78 1010			.3		36188	3 6	1420.00	368.	52.	122.	3.3		0.5	0.055
09 05 78 1145			.3		35019	6	135.00	300.	34.	42.	12.9	10.0	0.8	0.019
14 06 78 1140			.3		35075	6	31.00	470.	74.	34.	14.8	12.2	1.0	0.053
11 07 78 1155			.3		35114	6	4.90	1500.	18.	26.	21.5	9.6	1.3	0.086
22 08 78 1145			.3		35177	6	12.10	400.	34.	42.	21.3	12.1	0.4	0.780
27 09 78 1120			.3		35234	6	34.50	210.	32.	40.	15.5	10.4	0.5	0.012
23 10 78 1125			.3		35273	6	26.60	840.	164.	440.	10.0	11.4	0.5	0.020
15 11 78 1215			.3		35329	6	58.20	1500.	236.	260.	6.1	12.6	1.0	0.019
05 12 78 1235			.3		35354	4	48.70	100.	92.	164.	1.8	12.7	1.6	0.012
MAXIMUM							1420.00	1500.	236.	440.	21.5	12.7	1.6	0.780
AVG OR GEOM MN (*)							173.46	452.*	52.*	54.*	9.8	10.6	0.8	0.103
MINIMUM							4.90	100.	16.	4.	0.0	6.8	0.2	0.012
NO OF SAMPLES							11	11	11	11	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1040			.3		0.021	0.066	0.560	0.005	0.620	0.691	0.494	1.185	363.0	4.4
16 02 78 1050			.3		0.034	0.158	0.850	0.008	0.367	0.533	0.692	1.225	365.0	3.3
13 04 78 1010			.3		0.015	0.032	0.560	0.016	1.550	1.598	0.528	2.126	254.0	33.0
09 05 78 1145			.3		0.001	0.012	0.530	0.006	0.350	0.368	0.518	0.886	267.0	4.2
14 06 78 1140			.3		0.004	0.042	0.950	0.007	0.095	0.144	0.908	1.052	296.0	18.0
11 07 78 1155			.3		0.005	0.032	0.970	0.006	0.044	0.082	0.938	1.020	293.0	43.0
22 08 78 1145			.3		0.004	0.045	0.780	0.005	0.025	0.075	0.735	0.810	257.0	16.0
27 09 78 1120			.3		0.002	0.010	0.740	0.003	0.010	0.023	0.730	0.753	310.0	6.7
23 10 78 1125			.3		0.002	0.012	0.660	0.004	0.075	0.091	0.648	0.739	316.0	7.8
15 11 78 1215			.3		0.001	0.004	0.590	0.004	0.351	0.359	0.586	0.945	321.0	8.0
05 12 78 1235			.3		0.003	0.047	0.620	0.006	0.589	0.642	0.573	1.215	365.0	3.0
MAXIMUM					0.034	0.158	0.970	0.016	1.550	1.598	0.938	2.126	365.0	43.0
AVG OR GEOM MN (*)					0.008	0.042	0.710	0.006	0.371	0.419	0.668	1.087	309.7	13.4
MINIMUM					0.001	0.004	0.530	0.003	0.010	0.023	0.494	0.739	254.0	3.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
18 01 78 1040			.3		359		570	3.00	22.0	0.040L
16 02 78 1050			.3		362		570	3.70	20.5	0.030L
13 04 78 1010			.3			221	340	16.00	9.5	0.030L
09 05 78 1145			.3			263	405	2.20	13.5	0.060
14 06 78 1140			.3		278		435	1.70	23.0	0.040
11 07 78 1155			.3			250	385	23.00	20.5	0.040
22 08 78 1145			.3			241	30	8.60	16.5	0.040
27 09 78 1120			.3		303		450	4.00	18.0	0.040
23 10 78 1125			.3		308		485	5.40	20.0	0.020
15 11 78 1215			.3		313		540	4.90	20.0	0.020
05 12 78 1235			.3		362		560	2.90	22.0	0.020L
MAXIMUM					362	263	570	23.00	23.0	0.060
AVG OR GEOM MN (*)					326	244	434	6.86	18.7	0.035D
MINIMUM					278	221	30	1.70	9.5	0.020
NO OF SAMPLES					7	4	11	11	11	11

```
 B.O.W./ SITE: LAKE COUCHICHING OUTLET                                                      STATION ID:  03-0077-026-02
 SAMPLE POINT: AT HIGHWAY NO.169 WASHAGO
 STATION TYPE: RIVER    FLOW GAUGE FED 02EC005          MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                           002
                                                         TERM STREAM: SEVERN RIVER                                         2720

STN NO:     26    LAT:             LONG:                 U T M: 17 0632700.0 4955900.0 4    REGION: 03          MILEAGE:   38.70

                                   934       901     444         80        81        84        805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     SCD  FLOW CFS     TOTAL     FECAL      M.F.      WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH         NO                    COLIFORM  COLIFORM    ENTER.      TEMP.        02       BOD         P
               FEET      MTRS                               MF/100ML  MF/100ML  MF/100ML      DEG C      MG/L      MG/L      MG/L

18 01 78 0925              .3     36052    6        185.00     4.  L     2.  L     2.  L      0.0      12.6       0.4     0.013
16 02 78 0925              .3     36080    6        108.00     4.  L     2.  L     2.  L      0.0      12.0       0.2     0.006
13 04 78 0850              .3     36185    3 6      275.00     4.  L     2.  L    16.         2.1                  0.8     0.012
09 05 78 1315              .3     35022    6         38.00    92.        2.  L     2.  L     13.0      12.0       0.4     0.015
14 06 78 1315              .3     35078    6        367.00     8.        2.  L     2.  L     16.5      13.2       0.4     0.013
11 07 78 1320              .3     35117    6        293.00   364.        2.  L     4.        22.0       9.4       0.5     0.008
22 08 78 1320              .3     35180    6        226.00    40.       14.        2.        24.0      14.4       0.2     0.012
27 09 78 1300              .3     35236    6        171.00    10.  L     2.  L     6.        16.0      10.4       0.2     0.007
23 10 78 1305              .3     35276    6        113.00     4.  L     2.  L   134.        10.0      11.2       0.2     0.009
15 11 78 1345              .3     35332    6        121.00     4.        2.       18.         6.2      12.2       0.2     0.006
05 12 78 1410              .3     35357    6        137.00    32.        2.  L     2.  L      2.1      14.6       0.8     0.008

                      MAXIMUM                       367.00   364.       14.      134.        24.0      14.6       0.8     0.015
            AVG OR GEOM MN (*)                      184.91    14.* D     2.* D     5.* D     10.2      12.2       0.4     0.010
                      MINIMUM                        38.00     4.        2.        2.         0.0       9.4       0.2     0.006

                 NO OF SAMPLES                          11        11        11        11        11        10        11        11

                                    34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N   ORGNC  N             SOLIDS    SOLIDS
               FEET      MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

18 01 78 0925              .3     0.001     0.016     0.360     0.001     0.009     0.026     0.344     0.370     219.0       1.8
16 02 78 0925              .3     0.006     0.032     0.440     0.002     0.005L    0.039     0.408     0.447     217.0       1.1
13 04 78 0850              .3     0.002     0.010     0.350     0.001     0.010     0.021     0.340     0.361     209.0       3.6
09 05 78 1315              .3     0.002     0.014     0.430     0.003     0.010     0.027     0.416     0.443     206.0       4.5
14 06 78 1315              .3     0.002     0.024     0.430     0.001     0.010     0.035     0.406     0.441     196.0       4.1
11 07 78 1320              .3     0.001     0.010     0.400     0.001     0.005L    0.016     0.390     0.406     181.0       1.9
22 08 78 1320              .3     0.002     0.015     0.390     0.002     0.008     0.025     0.375     0.400     163.0       2.6
27 09 78 1300              .3     0.001     0.012     0.410     0.001     0.005     0.018     0.398     0.416     184.0       1.8
23 10 78 1305              .3     0.001L    0.006     0.390     0.002     0.010     0.018     0.384     0.402     190.0       2.1
15 11 78 1345              .3     0.001     0.008     0.350     0.002     0.018     0.028     0.342     0.370     204.0       2.0
05 12 78 1410              .3     0.001     0.012     0.390     0.001     0.019     0.032     0.378     0.410     199.0       0.9

                      MAXIMUM     0.006     0.032     0.440     0.003     0.019     0.039     0.416     0.447     219.0       4.5
            AVG OR GEOM MN (*)    0.002D    0.014     0.395     0.002     0.010D    0.028     0.380     0.406     197.1       2.4
                      MINIMUM     0.001     0.006     0.350     0.001     0.005     0.016     0.340     0.361     163.0       0.9

                 NO OF SAMPLES       11        11        11        11        11        11        11        11        11        11

                                   107        14        16        56        25       235
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL      COND.     TURB.  CHLORIDE  PHENOLS      TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS      25C  FORMAZIN      MG/L             MERCURY
               FEET      MTRS     MG/L        UMHOS     UNITS                 UG/L      UG/L

18 01 78 0925              .3        217       334      1.40      17.0      1.0L    0.040L
18 02 78 0925              .3        216       333      1.60      14.0      1.0L    0.030L




13 04 78 0850              .3        205       315      1.50      14.0              0.030L
09 05 78 1315              .3        202       310      2.40      14.0      1.0L    0.040
14 06 78 1315              .3        192       295      2.30      13.5      1.0L    0.030L
11 07 78 1320              .3        179       275      2.00      14.0      1.0L    0.030L
22 08 78 1320              .3        160       245      1.30      13.5      1.0L    0.030L
27 09 78 1300              .3        182       280      1.40      15.5      1.0L    0.030L
23 10 78 1305              .3        188       290      1.90      15.5      1.0L    0.020
15 11 78 1345              .3        202       310      1.90      15.0      1.0L    0.020
05 12 78 1410              .3        198       305      1.90      16.0      1.0L    0.020L

                      MAXIMUM        217       334      2.40      17.0      1.0     0.040
            AVG OR GEOM MN (*)       195       299      1.78      14.7      1.0D    0.0290
                      MINIMUM        160       245      1.30      13.5      1.0     0.020

                 NO OF SAMPLES        11        11        11        11        10        11


 B.O.W./ SITE: PEFFERLAW BROOK                                                              STATION ID:  03-0077-027-02
 SAMPLE POINT: AT HIGHWAY 48
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                           002
                                                         TERM STREAM: SEVERN RIVER                                         2720

STN NO:     27    LAT:             LONG:                 U T M: 17 0642100.0 4909900.0 4    REGION: 03          MILEAGE:    0.60

                                   934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH         NO          COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

18 01 78 1120              .3     36056    4       170.        8.        4.        0.0      10.8       0.4     0.026     0.010
16 02 78 1115              .3     36084    4         4.  L     2.  L     2.  L     0.0      10.8       0.2     0.025     0.024
13 04 78 1030              .3     36189    6       290.       82.       98.        3.0                 0.4     0.052     0.010
09 05 78 1120              .3     35018    6       290.       14.       36.       11.8      11.6       1.2     0.048     0.001L
14 06 78 1120              .3     35074    6       160.       56.       78.       17.0      12.8       0.8     0.042     0.006
11 07 78 1135              .3     35113    6        10.        2.  L     2.  L    22.5       7.4       1.2     0.069     0.008
22 08 78 1125              .3     35176    6       150.       30.        8.       23.1      13.2       0.5     0.030     0.004
27 09 78 1100              .3     35232    6        40.        4.       22.       15.1       9.5       0.4     0.025     0.006
23 10 78 1100              .3     35272    6       170.        4.        8.       10.1      10.2       0.4     0.026     0.002
15 11 78 1150              .3     35328    6       490.      300.      332.        6.9      11.9       0.4     0.020     0.001
05 12 78 1210              .3     35353    4       140.       20.       60.        1.7      12.4       0.6     0.012     0.004

                      MAXIMUM                      490.      300.      332.       23.1      13.2       1.2     0.069     0.024
            AVG OR GEOM MN (*)                      96.* D    14.* D    19.* D    10.1      11.1       0.6     0.034     0.007D
                      MINIMUM                        4.        2.        2.        0.0       7.4       0.2     0.012     0.001

                 NO OF SAMPLES                      11        11        11        11        10        11        11        11
```

(C O N T D)

B.O.W./ SITE: PEFFERLAW BROOK
SAMPLE POINT: AT HIGHWAY 48
STATION TYPE: RIVER

STATION ID: 03-0077-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 27 LAT: LONG: U T M: 17 0642100.0 4909900.0 4 REGION: 03 MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1120			.3		0.044	0.470	0.005	0.630	0.679	0.426	1.105	315.0	2.5	312
16 02 78 1115			.3		0.060	0.370	0.008	0.512	0.580	0.310	0.890	316.0	2.5	314
13 04 78 1030			.3		0.018	0.680	0.008	1.010	1.036	0.662	1.698	249.0	31.0	
09 05 78 1120			.3		0.008	0.780	0.004	0.075	0.087	0.772	0.859	277.0	17.0	
14 06 78 1120			.3		0.056	0.470	0.007	0.145	0.208	0.414	0.622	269.0	8.6	
11 07 78 1135			.3		0.044	0.810	0.005	0.015	0.064	0.766	0.830	256.0	12.0	
22 08 78 1125			.3		0.044	0.460	0.007	0.058	0.109	0.416	0.525	250.0	6.4	
27 09 78 1100			.3		0.020	0.490	0.004	0.100	0.124	0.470	0.594	284.0	4.4	280
23 10 78 1100			.3		0.018	0.400	0.004	0.165	0.187	0.382	0.569	279.0	7.8	271
15 11 78 1150			.3		0.006	0.370	0.005	0.275	0.286	0.364	0.650	278.0	4.0	274
05 12 78 1210			.3		0.041	0.370	0.006	0.469	0.516	0.329	0.845	313.0	5.0	308
MAXIMUM					0.060	0.810	0.008	1.010	1.036	0.772	1.698	316.0	31.0	314
AVG OR GEOM MN (*)					0.033	0.515	0.006	0.314	0.352	0.483	0.835	280.5	9.2	293
MINIMUM					0.006	0.370	0.004	0.015	0.064	0.310	0.525	249.0	2.5	271
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L	235 TOTAL MERCURY UG/L
18 01 78 1120			.3			493	1.70	14.0	1.0L	0.040L
16 02 78 1115			.3			482	2.70	12.0	1.0L	0.030L
13 04 78 1030			.3		218	335	9.30	10.5	1.0L	0.030L
09 05 78 1120			.3		260	400	4.60	11.5	1.0L	0.130
14 06 78 1120			.3		260	400	4.30	11.0	1.0L	0.040
11 07 78 1135			.3		244	375	7.00	11.0	1.0L	0.040
22 08 78 1125			.3		244	375	2.30	11.5	1.0L	0.040
27 09 78 1100			.3			435	2.70	11.0	1.5	0.040
23 10 78 1100			.3			440	4.00	11.0	1.0L	0.020L
15 11 78 1150			.3			480	3.20	12.0	1.0L	0.020L
05 12 78 1210			.3			475	3.80	15.5	1.0L	0.040
MAXIMUM					260	493	9.30	15.5	1.5	0.130
AVG OR GEOM MN (*)					245	426	4.15	11.9	1.0D	0.043D
MINIMUM					218	335	1.70	10.5	1.0	0.020
NO OF SAMPLES					5	11	11	11	11	11

B.O.W./ SITE: LOVERS CREEK
SAMPLE POINT: TOLLENDALE ROAD NEAR MINET BAY
STATION TYPE: RIVER

STATION ID: 03-0077-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 28 LAT: LONG: U T M: 17 0607400.0 4913800.0 4 REGION: 03 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1045			.3		36042	4	70.	6.	162.	0.0	11.6	0.6	0.020	0.005
14 02 78 1030			.3		36062	4	200.	6.	300. G	0.0	12.0	0.4	0.018	0.006
11 04 78 1100			.3		36162	3 6	1500. G	110.	860.	2.0	12.0	0.8	0.060	0.021
11 05 78 1030			.3		35040	6	200.	10.	10.	9.7	12.4	0.5	0.018	0.002
13 06 78 1100			.3		35063	6	1260.	196.	268.	13.0	14.4	0.8	0.033	0.004
13 07 78 1040			.3		35135	6	320.	36.	180.	17.0	12.0	0.5	0.016	0.001
24 08 78 1050			.3		35198	6	600.	64.	208.	20.1	11.6	0.4	0.015	0.001
26 09 78 1105			.3		35221	6	17000.	36.	44.	11.5	12.9	0.2	0.013	0.002
30 10 78 1130			.3		35294	6	90.	4. L	32.	7.2	13.8	0.2	0.005	0.001
14 11 78 1115			.3		35317	6	600.	132.	520.	8.9	10.5	1.0	0.034	0.001
08 12 78 1010			.3		35375	6	260.	32.	90.	3.8	12.3	0.2	0.005	0.001
MAXIMUM							17000.	196.	860.	20.1	14.4	1.0	0.060	0.021
AVG OR GEOM MN (*)							469.* U	29.* D	135.* U	8.5	12.3	0.5	0.022	0.004
MINIMUM							70.	4.	10.	0.0	10.5	0.2	0.005	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1045			.3		0.024	0.430	0.005	1.250	1.279	0.406	1.685	328.0	5.8	322
14 02 78 1030			.3		0.056	0.420	0.012	1.680	1.748	0.364	2.112	330.0	5.2	325
11 04 78 1100			.3		0.054	0.640	0.012	1.670	1.736	0.586	2.322	269.0	45.0	
11 05 78 1030			.3		0.024	0.59	0.007	0.770	0.801	0.566	1.367	283.	4.2	279
13 06 78 1100			.3		0.024	0.680	0.016	0.935	0.975	0.656	1.631	309.0	9.7	299
13 07 78 1040			.3		0.012	0.320	0.010	1.520	1.542	0.308	1.850	269.0	2.5	
24 08 78 1050			.3		0.006	0.330	0.008	1.390	1.404	0.324	1.728	279.0	3.4	
26 09 78 1105			.3		0.004	0.510	0.005	0.990	0.999	0.506	1.505	324.0	3.0	321
30 10 78 1130			.3		0.004	0.45	0.005	1.04	1.049	0.446	1.495	346.	1.4	345
14 11 78 1115			.3		0.002	0.600	0.006	0.849	0.857	0.598	1.455	339.0	15.0	324
08 12 78 1010			.3		0.008	0.420	0.004	1.200	1.212	0.412	1.624	324.0	1.6	322
MAXIMUM					0.056	0.680	0.016	1.680	1.748	0.656	2.322	346.	45.0	345
AVG OR GEOM MN (*)					0.020	0.490	0.008	1.209	1.237	0.470	1.707	309.1	8.8	317
MINIMUM					0.002	0.320	0.004	0.770	0.801	0.308	1.367	269.0	1.4	279
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	8

(CONTD)

```
                                          107         14         16         56        235
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL         COND.      TURB.   CHLORIDE      TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS        25C   FORMAZIN       MG/L    MERCURY
               FEET       MTRS    MG/L          UMHOS      UNITS                  UG/L

17 01 78 1045               .3                    520       3.20       21.0    0.040L
14 02 78 1030               .3                    540       4.30       28.0    0.030L
11 04 78 1100               .3         224        345      25.00       12.5    0.240
11 05 78 1030               .3                    425       4.3        16.5    0.10
13 06 78 1100               .3                    465       3.80       23.0    0.060
13 07 78 1040               .3         266        410       2.00       16.0    0.060
24 08 78 1050               .3         276        425       1.70       18.5    0.060
26 09 78 1105               .3                    485       2.10       20.0    0.060
30 10 78 1130               .3                    510       1.1        20.5    0.060
14 11 78 1115               .3                    480      11.00       23.0    0.020
08 12 78 1010               .3                    520       1.70       23.5    0.020

                       MAXIMUM         276        540      25.00       28.0    0.240
           AVG OR GEOM MN (*)          255        466       5.47       20.2    0.068D
                       MINIMUM         224        345       1.1        12.5    0.020

                  NO OF SAMPLES          3         11         11         11        11
```

```
 B.O.W./ SITE: SCHOMBERGE RIVER                                                  STATION ID:  03-0077-029-02
 SAMPLE POINT: AT NEW HIGHWAY NO 27 ALIGNMENT NORTH OF TOWN OF SCHOMBERG
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                   STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                 002
                                                     TERM STREAM: SEVERN RIVER                               2720

STN NO:     29    LAT:            LONG:              U T M: 17 0605000.0 4874075.0 4    REGION: 03          MILEAGE:   94.60

                                   934      901      444       80         81          84        805        3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE      SCD  FLOW CFS    TOTAL      FECAL        M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH        NO                     COLIFORM   COLIFORM     ENTER.     TEMP.       O2       BOD         P
               FEET       MTRS                              MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L      MG/L      MG/L

16 01 78 1045               .3    36037    4          5.00   8700.       160.       110.        0.0      10.8       1.2     0.168
14 02 78 0920               .3    36061    4          5.00   2900.        80.        50.        0.0      13.2       0.4     0.086
11 04 78 0950               .3    36161    3 6      125.00  15000.       490.      1500.  G     4.0      10.4       1.2     0.160
11 05 78 0930               .3    35039    6         12.40   3900.        70.       800.        9.3      11.6       0.4     0.045
13 06 78 1000               .3    35062    6          6.80  60000.      1500.  G   1500.  G    13.1      10.0       2.4     0.138
13 07 78 0930               .3    35134    6          0.74   3000.      1000.       600.       16.9       8.0       2.0     0.151
24 08 78 0940               .3    35197    6          3.20   4200.      4100.      1900.       21.0       6.0       2.5     0.152
26 09 78 0945               .3    35220    6          3.70  11000.      1700.       100.  L    11.0      10.0       0.4     0.092
30 10 78 1030               .3    35293    6          2.50   6000.       100.        40.        6.8      10.4       0.8     0.044
14 11 78 1010               .3    35316    6          4.90  52000.       680.      1500.  G     8.8       8.4       1.8     0.074
08 12 78 0830               .3    35374    6          6.30   7000.       490.       420.        5.0      11.2       0.4     0.048

                       MAXIMUM                      125.00  60000.      4100.      1900.       21.0      13.2       2.5     0.168
           AVG OR GEOM MN (*)                        15.96   8873.*      450.* U    386.* E     8.7      10.0       1.2     0.105
                       MINIMUM                        0.74   2900.        70.        40.        0.0       6.0       0.4     0.044

                  NO OF SAMPLES                        11        11         11         11         11        11        11        11
```

```
                                    34        19        20        21        .22       17         18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED  FILTERED     TOTAL  FILTERED  FILTERED   INRGNC      TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH    REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N   ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS    P MG/L      MG/L       MG/L  MG/L      MG/L         MG/L       MG/L      MG/L      MG/L      MG/L

16 01 78 1045               .3     0.017     0.330     1.200     0.010     2.070     2.410      0.870     3.280     524.0      84.0
14 02 78 0920               .3     0.028     0.238     0.730     0.013     1.450     1.701      0.492     2.193     476.0      36.0
11 04 78 0950               .3     0.047     0.160     1.400     0.028     2.950     3.138      1.240     4.378     427.0     107.0
11 05 78 0930               .3     0.008     0.030     0.67      0.016     0.945     0.991      0.640     1.631     372.        3.6
13 06 78 1000               .3     0.031     0.162     1.100     0.051     0.650     0.863      0.938     1.801     375.0      42.0
13 07 78 0930               .3     0.065     0.272     0.930     0.026     0.149     0.447      0.658     1.105     421.0      23.0
24 08 78 0940               .3     0.041     0.144     0.850     0.031     0.270     0.445      0.706     1.151     375.0      60.0
26 09 78 0945               .3     0.028     0.080     0.780     0.023     0.195     0.298      0.700     0.998     443.0      38.0
30 10 78 1030               .3     0.015     0.029     0.46      0.010     0.075     0.114      0.431     0.545     409.        6.0
14 11 78 1010               .3     0.026     0.080     0.680     0.020     0.355     0.455      0.600     1.055     356.0      19.0
08 12 78 0830               .3     0.022     0.182     0.630     0.010     0.550     0.742      0.448     1.190     430.0       4.2

                       MAXIMUM     0.065     0.330     1.400     0.051     2.950     3.138      1.240     4.378     524.0     107.0
           AVG OR GEOM MN (*)      0.030     0.155     0.857     0.022     0.878     1.055      0.702     1.757     418.9      38.4
                       MINIMUM     0.008     0.029     0.46      0.010     0.075     0.114      0.431     0.545     356.0       3.6

                  NO OF SAMPLES       11        11        11        11        11        11         11        11        11        11
                                     7        14        16        56       235
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.     COND.     TURB.  CHLORIDE     TOTAL
DY MO YR LMT   DIST BRG DEPTH      SOLIDS      25C  FORMAZIN      MG/L   MERCURY
               FEET       MTRS       MG/L    UMHOS     UNITS                UG/L

16 01 78 1045               .3        440       710      6.40      28.5
14 02 78 0920               .3        440       715     11.00      36.5    0.030L
11 04 78 0950               .3        320       465     71.00      16.5    1.000
11 05 78 0930               .3        368       600      6.6       25.5    0.07
13 06 78 1000               .3        333       560     23.00      26.5    0.060
13 07 78 0930               .3        398       650     16.00      65.0    0.060
24 08 78 0940               .3        315       470     42.00      20.0    0.060
26 09 78 0945               .3        405       620     27.00      30.0    0.060
30 10 78 1030               .3        403       620     12.0       28.     0.060
14 11 78 1010               .3        337       560     21.00      22.5    0.040
08 12 78 0830               .3        426       710      5.40      49.5    0.040

                       MAXIMUM        440       715     71.00      65.0    1.000
           AVG OR GEOM MN (*)         380       607     21.95      31.7    0.148D
                       MINIMUM        315       465      5.40      16.5    0.030

                  NO OF SAMPLES        11        11        11        11        10
```

B.O.W./ SITE: HOLLAND RIVER
SAMPLE POINT: AT YORK REGIONAL ROAD NO 32
STATION TYPE: RIVER

STATION ID: 03-0077-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 30   LAT: LONG: U T M: 17 0618450.0 4892850.0 4   REGION: 03   MILEAGE: 76.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 0935			.3		38003	4	1400.	360.	140.	1.5		0.4	0.330	0.185
28 02 78 1050			.3		38027	4	400.	200.	100. G	0.0	4.6	6.5	0.470	0.145
04 04 78 0915			.3		38040	4	460.	10.	160.	0.0	8.4	1.6	0.058	0.018
01 05 78 0950			.3		38053	6	40.	10.	10. L	8.0	17.0	2.8	0.166	0.004
01 06 78 1025			.3		38066	6	400.	4. L	120.	19.0	8.4	4.2	0.100	0.006
05 07 78 1005			.3		38079	6	1200.	4. L	12.	21.5	9.6	6.4	0.162	0.006
31 07 78 1015			.3		38092	6	60.	6.	68.	20.5	8.0	3.0	0.265	0.060
06 09 78 1006			.3		38105	6	40.	4.	12.	22.0	7.8	5.0	0.135	0.065
02 10 78 1005			.3		38118	6	1900.	4. L	4. L	14.9	11.4	5.0	0.198	0.005
01 11 78 1030			.3		38131	6 8	10.	4. L	4. L	7.5	11.0	3.2	0.096	0.005
29 11 78 1005			.3		38144	4	390.	20.	4.	0.0	8.8	1.8	0.190	0.105
MAXIMUM							1900.	360.	160.	22.0	17.0	6.5	0.470	0.185
AVG OR GEOM MN (*)							228.*	12.* D	24.* E	10.4	9.5	3.6	0.197	0.055
MINIMUM							10.	4.	4.	0.0	4.6	0.4	0.058	0.004
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 0935			.3		1.010	2.200	0.016	2.870	3.896	1.190	5.086	569.0	3.5	565
28 02 78 1050			.3		0.240	4.800	0.017	2.300	2.557	4.560	7.117	645.0	190.0	455
04 04 78 0915			.3		0.174	0.920	0.029	3.350	3.553	0.746	4.299	306.0	8.9	297
01 05 78 0950			.3		0.014	1.480	0.028	1.500	1.542	1.466	3.008	439.0	51.0	388
01 06 78 1025			.3		0.052	1.000	0.005	0.020	0.077	0.948	1.025	330.0	19.0	311
05 07 78 1005			.3		0.010	1.380	0.003	0.015	0.028	1.370	1.398	417.0	30.0	387
31 07 78 1015			.3		0.006	1.250	0.002	0.008	0.016	1.244	1.260	339.0	29.0	310
06 09 78 1006			.3		0.018	1.030	0.004	0.005	0.027	1.012	1.039	422.0	31.0	391
02 10 78 1005			.3		0.030	1.720	0.022	0.075	0.127	1.690	1.817	351.0	30.0	321
01 11 78 1030			.3		0.011	1.280	0.037	1.210	1.258	1.269	2.527	476.0	22.0	454
29 11 78 1005			.3		0.470	1.330	0.027	1.720	2.217	0.860	3.077	450.0	9.0	441
MAXIMUM					1.010	4.800	0.037	3.350	3.896	4.560	7.117	645.0	190.0	565
AVG OR GEOM MN (*)					0.185	1.672	0.017	1.188	1.391	1.487	2.878	431.3	38.5	393
MINIMUM					0.006	0.920	0.002	0.005	0.016	0.746	1.025	306.0	3.5	297
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
04 01 78 0935			.3		905	5.30	76.0	0.020L
28 02 78 1050			.3		760	45.00	50.0	0.030L
04 04 78 0915			.3		434	4.40	25.0	0.100
01 05 78 0950			.3		610	19.00	45.0	0.100
01 06 78 1025			.3		500	6.70	36.0	0.020L
05 07 78 1005			.3		610	13.00	62.0	0.030L
31 07 78 1015			.3		500	12.00	48.5	0.040L
06 09 78 1006			.3		670	13.00	93.0	0.040L
02 10 78 1005			.3		520	15.00	51.0	0.040L
01 11 78 1030			.3		720	14.00	74.0	0.020L
29 11 78 1005			.3		720	5.4	60.0	0.030L
MAXIMUM					905	45.00	93.0	0.100
AVG OR GEOM MN (*)					632	13.89	56.4	0.043D
MINIMUM					434	4.40	25.0	0.020
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO 169
STATION TYPE: RIVER   FLOW GAUGE FED 02EC002

STATION ID: 03-0077-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO: 31   LAT: LONG: U T M: 17 0636150.0 4952400.0 4   REGION: 03   MILEAGE: 42.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 0940			.3		36053	4	773.00	56.	2. L	32.	0.0	13.8	1.0	0.004
16 02 78 0945			.3		36081	4	434.00	100.	4.	4.	0.0	9.2	0.4	0.012
13 04 78 0910			.3		36186	3 6	3340.00	70.	8.	16.	2.4		0.6	0.020
09 05 78 1300			.3		35021	6	1210.00	188.	2. L	2.	12.0	11.6	0.4	0.014
14 06 78 1300			.3		35077	6	480.00	44.	36.	84.	17.7	13.2	0.4	0.023
11 07 78 1305			.3		35116	6	89.10	20.	2. L	4.	23.0	8.1	0.8	0.025
22 08 78 1305			.3		35179	6	59.30	36.	20.	4.	23.1	10.2	0.2	0.014
27 09 78 1245			.3		35235	6	65.70	20. L	2. L	6.	16.0	9.2	0.2	0.007
23 10 78 1245			.3		35275	6	215.00	88.	2. L	20.	8.0	10.9	0.2	0.011
15 11 78 1325			.3		35331	6	442.00	112.	16.	118.	6.1	11.6	0.4	0.015
05 12 78 1345			.3		35356	6	857.00	120.	4.	12.	2.2	12.2	0.8	0.013
MAXIMUM							3340.00	188.	36.	118.	23.1	13.8	1.0	0.025
AVG OR GEOM MN (*)							724.10	62.* D	5.* D	12.*	10.0	11.0	0.5	0.014
MINIMUM							59.30	20.	2.	2.	0.0	8.1	0.2	0.004
NO OF SAMPLES							11	11	11	11	11	10	11	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78	0940			.3		0.001L	0.088	0.460	0.004	0.186	0.278	0.372	0.650	64.0	1.6
16 02 78	0945			.3		0.001L	0.104	0.620	0.006	0.059	0.169	0.516	0.685	75.0	0.7
13 04 78	0910			.3		0.002	0.096	0.490	0.005	0.255	0.356	0.394	0.750	56.0	14.0
09 05 78	1300			.3		0.001	0.020	0.410	0.005	0.200	0.225	0.390	0.615	78.0	2.5
14 06 78	1300			.3		0.003	0.040	0.470	0.005	0.150	0.195	0.430	0.625	53.0	2.0
11 07 78	1305			.3		0.001L	0.022	0.480	0.004	0.081	0.107	0.458	0.565	65.0	1.4
22 08 78	1305			.3		0.004	0.019	0.340	0.003	0.037	0.059	0.321	0.380	52.0	1.2
27 09 78	1245			.3		0.002	0.044	0.280	0.003	0.070	0.117	0.236	0.353	40.0	0.4
23 10 78	1245			.3		0.002	0.004	0.330	0.003	0.020	0.027	0.326	0.353	50.0	0.9
15 11 78	1325			.3		0.001	0.016	0.350	0.004	0.096	0.116	0.334	0.450	69.0	1.0
05 12 78	1345			.3		0.002	0.039	0.470	0.003	0.097	0.139	0.431	0.570	53.0	1.0
MAXIMUM						0.004	0.104	0.620	0.006	0.255	0.356	0.516	0.750	78.0	14.0
AVG OR GEOM MN (*)						0.002D	0.045	0.427	0.004	0.114	0.163	0.383	0.545	59.5	2.4
MINIMUM						0.001	0.004	0.280	0.003	0.020	0.027	0.236	0.353	40.0	0.4
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
18 01 78	0940			.3		62	95	1.40	1.7	0.040L
16 02 78	0945			.3		74	115	2.40	2.2	0.030L
13 04 78	0910			.3		42	64	2.80	1.3	0.030L
09 05 78	1300			.3		75	115	1.20	2.0	0.150
14 06 78	1300			.3		51	78	1.40	1.3	0.030
11 07 78	1305			.3		64	98	1.80	1.7	0.030
22 08 78	1305			.3		51	78	1.00	1.5	0.030
27 09 78	1245			.3		40	62	1.50	1.4	0.030
23 10 78	1245			.3		49	76	1.60	1.5	0.020
15 11 78	1325			.3		68	104	2.00	1.7	0.020
05 12 78	1345			.3		52	80	2.40	1.7	0.020L
MAXIMUM						75	115	2.80	2.2	0.150
AVG OR GEOM MN (*)						57	88	1.77	1.6	0.039D
MINIMUM						40	62	1.00	1.3	0.020
NO OF SAMPLES						11	11	11	11	11

B.O.W./ SITE: UXBRIDGE BROOK STATION ID: 03-0077-032-02
SAMPLE POINT: UPSTREAM OF THE TOWN OF UXBRIDGE AT FIRST ROAD DOWNSTREAM OF BROOKDALE LAKE
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE HURON 002
TERM STREAM: SEVERN RIVER 2720

STN NO: 32 LAT: LONG: U T M: 17 0652250.0 4884000.0 4 REGION: 03 MILEAGE: 87.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78	1340			.3		36060	6	10.	2. L	2.	0.8	14.4	0.4	0.006	0.003
16 02 78	1410			.3		36088	6	20.	2. L	148.	1.0	10.4	0.5	0.014	0.012
13 04 78	1230			.3		36193	6	40.	6.	24.	5.0		0.4	0.035	0.004
09 05 78	0930			.3		35014	6	140.	2.	4.	10.3	11.2	0.5	0.022	0.002
14 06 78	0935			.3		35070	6	256.	16.	32.	13.3	13.2	0.8	0.017	0.003
11 07 78	1000			.3		35109	6	250.	8.	36.	16.2	9.6	1.0	0.015	0.002
22 08 78	0930			.3		35172	8	1200.	12.	28.	16.8	13.6	0.4	0.660	0.010
27 09 78	0900			.3		35228	6	80.	2. L	22.	13.0	9.4	0.2	0.014	0.002
23 10 78	0920			.3		35268	6	16.	2. L	8.	9.5	10.8	0.2	0.020	0.001
15 11 78	1010			.3		35324	6	8.	2. L	2.	6.0	11.9	0.2	0.007	0.001
05 12 78	1030			.3		35349	6 8	24.	2.	4.	5.0	12.0	0.4	0.010	0.004
MAXIMUM								1200.	16.	148.	16.8	14.4	1.0	0.660	0.012
AVG OR GEOM MN (*)								57.*	4.* D	13.*	8.8	11.7	0.5	0.075	0.004
MINIMUM								8.	2.	2.	0.8	9.4	0.2	0.006	0.001
NO OF SAMPLES								11	11	11	11	10	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
18 01 78	1340			.3		0.060	0.230	0.009	1.330	1.399	0.170	1.569	262.0	1.8	260
16 02 78	1410			.3		0.054	0.290	0.010	1.020	1.084	0.236	1.320	261.0	2.0	259
13 04 78	1230			.3		0.028	0.410	0.007	1.070	1.105	0.382	1.487	221.0	13.0	208
09 05 78	0930			.3		0.024	0.330	0.008	0.930	0.962	0.306	1.268	241.0	6.6	234
14 06 78	0935			.3		0.032	0.360	0.011	0.755	0.798	0.328	1.126	232.0	5.2	227
11 07 78	1000			.3		0.050	0.320	0.011	0.739	0.800	0.270	1.070	222.0	4.0	218
22 08 78	0930			.3		0.037	0.660	0.029	1.000	1.066	0.623	1.689	244.0	6.7	237
27 09 78	0900			.3		0.034	0.230	0.015	0.985	1.034	0.196	1.230	249.0	2.3	247
23 10 78	0920			.3		0.014	0.210	0.010	1.040	1.064	0.196	1.260	260.0	5.7	254
15 11 78	1010			.3		0.031	0.260	0.010	1.190	1.231	0.229	1.460	273.0	0.4	273
05 12 78	1030			.3		0.039	0.220	0.014	1.290	1.343	0.181	1.524	303.0	40.0	263
MAXIMUM						0.060	0.660	0.029	1.330	1.399	0.623	1.689	303.0	40.0	273
AVG OR GEOM MN (*)						0.037	0.320	0.012	1.032	1.081	0.283	1.364	251.6	8.0	244
MINIMUM						0.014	0.210	0.007	0.739	0.798	0.170	1.070	221.0	0.4	208
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

(CONTD)

```
                                                                                          STATION ID:  03-0077-032-02
 B.O.W./ SITE: UXBRIDGE BROOK
 SAMPLE POINT: UPSTREAM OF THE TOWN OF UXBRIDGE AT FIRST ROAD DOWNSTREAM OF BROOKDALE LAKE
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                  002
                                                         TERM STREAM: SEVERN RIVER                                2720

STN NO:     32     LAT:               LONG:              U T M: 17 0652250.0 4884000.0 4    REGION: 03         MILEAGE:   87.00

                                             14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ          COND.     TURB.    CHLORIDE
DY MO YR LMT   DIST BRG DEPTH               25C  FORMAZIN       MG/L
               FEET       MTRS            UMHOS     UNITS

18 01 78 1340               .3              400      0.85        4.2
16 02 78 1410               .3              399      2.10        4.3
13 04 78 1230               .3              320      2.20        5.1
09 05 78 0930               .3              360      2.50        4.7
14 06 78 0935               .3              350      1.10        4.1
11 07 78 1000               .3              335      1.60        4.4
22 08 78 0930               .3              365      1.10        4.6
27 09 78 0900               .3              380      1.30        4.6
23 10 78 0920               .3              390      1.30        5.3
15 11 78 1010               .3              420      1.00        4.7
05 12 78 1030               .3              405      7.00        5.1

                      MAXIMUM               420      7.00        5.3
            AVG OR GEOM MN (*)              375      2.01        4.6
                      MINIMUM               320      0.85        4.1

              NO OF SAMPLES                  11        11         11
```

```
                                                                                          STATION ID:  03-0085-001-02
 B.O.W./ SITE: MUSKOKA RIVER
 SAMPLE POINT: HIGHWAY 103 2.5 MILES NORTH OF JUNCTION 103 AND 660
 STATION TYPE: RIVER    FLOW GAUGE FED 02EB012           MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                  002
                                                         TERM STREAM: MUSKOKA RIVER                               2980

STN NO:      1     LAT:               LONG:              U T M: 17 0595800.0 4986025.0 4    REGION: 03         MILEAGE:   11.60

                                          934      901      444        80        81        84       805        3        1       33
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD FLOW CFS     TOTAL     FECAL      M.F.     WATER    DISS.    5-DAY    TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO                    COLIFORM  COLIFORM    ENTER.     TEMP.       O2      BOD        P
               FEET       MTRS                                  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L     MG/L

17 01 78 1500               .3          36047    6       3290.00     4.  L     2.  L     2.  L      0.9     12.2      0.2    0.012
12 04 78 1500               .3          36180    6       3210.00    24.        4.  L     4.  L      3.9     13.6      0.2    0.003
10 05 78 1130               .3          35028    6       4200.00    60.        4.  L     4.  L      7.9     12.0      0.2
15 06 78 1100               .3          35084    6       1750.00     4.  L     2.  L     2.  L     16.8     13.2      0.2    0.005
12 07 78 1010               .3          35123    6        511.00     4.  L     2.  L     2.        22.0      9.1      0.2    0.003
23 08 78 1055               .3          35186    6        205.00    40.        6.        2.  L     23.4     10.5      1.0    0.007
28 09 78 1015               .3          35242    6       1320.00     4.        2.  L    14.        13.0     10.4      0.4    0.009
24 10 78 1010               .3          35282    6       1670.00   128.        2.        2.  L      9.1      9.9             0.002
16 11 78 1030               .3          35338    6       1790.00    16.        2.  L     2.  L      6.9     10.6      0.2    0.008
06 12 78 1020               .3          35363    6       3290.00     8.        2.  L    28.         3.5     10.8      0.4    0.002




                      MAXIMUM                                4200.00   128.        6.       28.        23.4     13.6      1.0    0.012
            AVG OR GEOM MN (*)                               2123.60    14.* D     3.* D     4.* D     10.7     11.2      0.3    0.006
                      MINIMUM                                 205.00     4.        2.        2.         0.9      9.1      0.2    0.002

              NO OF SAMPLES                                       10       10        10        10        10       10        9        9

                                      34        19        20        21        22        17        18       23        5        6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL  TOTAL N    TOTAL    SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS   SOLIDS
               FEET       MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L     MG/L     MG/L     MG/L

17 01 78 1500               .3       0.001     0.006     0.210     0.001     0.234     0.241     0.204    0.445     37.0      1.2
12 04 78 1500               .3       0.001L    0.006     0.200     0.002     0.305     0.313     0.194    0.507     31.0      1.7
10 05 78 1130               .3                                                                                    31.0      1.8
15 06 78 1100               .3       0.001L    0.014     0.230     0.002     0.245     0.261     0.216    0.477     30.0      0.6
12 07 78 1010               .3       0.001L    0.016     0.210     0.002     0.188     0.206     0.194    0.400     30.0      0.5
23 08 78 1055               .3       0.003     0.052     0.270     0.003     0.105     0.160     0.218    0.378     31.0      0.7
28 09 78 1015               .3       0.002     0.010     0.280     0.002     0.200     0.212     0.270    0.482     37.0      0.9
24 10 78 1010               .3       0.001     0.008     0.24      0.002     0.245     0.255     0.232    0.487
16 11 78 1030               .3       0.002     0.011     0.250     0.002     0.258     0.271     0.239    0.510     31.0      0.5
06 12 78 1020               .3       0.001     0.014     0.220     0.001     0.259     0.274     0.206    0.480     33.0      0.7

                      MAXIMUM        0.003     0.052     0.280     0.003     0.305     0.313     0.270    0.510     37.0      1.8
            AVG OR GEOM MN (*)       0.001D    0.015     0.234     0.002     0.227     0.244     0.219    0.463     32.3      1.0
                      MINIMUM        0.001     0.006     0.200     0.001     0.105     0.160     0.194    0.378     30.0      0.5

              NO OF SAMPLES              9         9         9         9         9         9         9        9        9        9

                                       7       107        14        16        56        59       280       95       52       55
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE  ACIDITY  TOT ALK       PH
DY MO YR LMT   DIST BRG DEPTH       SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE   PH 8.3   AT LAB   AT LAB
               FEET       MTRS        MG/L  MG/L         UMHOS     UNITS                MG/L   SI MG/L     MG/L     MG/L

17 01 78 1500               .3          36                 481      0.65       3.2
12 04 78 1500               .3                    29        45      1.80       2.7       9.5      1.50                       6.65
10 05 78 1130               .3                    29        44      1.30                                                     6.62
15 06 78 1100               .3                    29        46      0.40       2.5       7.5      1.55                       7.46
12 07 78 1010               .3                    29        45      0.40       2.8       8.5      1.50                       6.95
23 08 78 1055               .3                    30        46      0.70       2.8       9.0      1.50                       6.77
28 09 78 1015               .3          36                  46      1.10       2.7       9.5      1.60                       7.09
24 10 78 1010               .3                                                 3.2       9.5      1.6       1.4        7
16 11 78 1030               .3                    30        47      1.00       3.2       9.5      1.50                       6.98
06 12 78 1020               .3                    32        48      1.10       2.8       9.0      1.70      1.8        8     7.41

                      MAXIMUM           36        32       481      1.80       3.2       9.5      1.70      1.8        8     7.46
            AVG OR GEOM MN (*)          36        30        94      0.94       2.9       9.0      1.56      1.6        8     6.99
                      MINIMUM           36        29        44      0.40       2.5       7.5      1.50      1.4        7     6.62

              NO OF SAMPLES              2         7         9         9         9         8         8        2        2        8
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
12 04 78 1500			.3		0.100		3.6	24						
10 05 78 1130			.3			1.0L	3.6	25		0.001L	0.03 L	0.02 L	0.02	0.08
15 06 78 1100			.3		0.080	1.0L	3.3	12		0.001L	0.040	0.020L	0.010	0.030L
12 07 78 1010			.3		0.060	1.0L	3.4	18						
23 08 78 1055			.3		0.130	1.0L	3.9	20	1					
28 09 78 1015			.3		0.060	1.0L	3.6	25	1	0.001L	0.020L	0.020L	0.010L	0.030L
24 10 78 1010			.3		0.22					0.001L	0.020L	0.020L	0.010L	0.030L
16 11 78 1030			.3		0.060	1.0L	3.2	59		0.001L		0.020L	0.010L	0.030L
06 12 78 1020			.3		0.040	1.0	6.8	16	1	0.001	0.020L	0.020L	0.020	0.030L
MAXIMUM					0.22	1.0	6.8	59	1	0.001	0.040	0.02	0.02	0.08
AVG OR GEOM MN (*)					0.094	1.0D	3.9	25	1	0.001D	0.026D	0.020D	0.013D	0.038D
MINIMUM					0.040	1.0	3.2	12	1	0.001	0.020	0.02	0.010	0.030
NO OF SAMPLES					8	7	8	8	3	6	5	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
10 05 78 1130			.3		0.005L	0.02	0.02 L
15 06 78 1100			.3		0.005L	0.010L	0.020L
28 09 78 1015			.3		0.005L	0.010L	0.020L
24 10 78 1010			.3		0.005L	0.010L	0.020L
16 11 78 1030			.3		0.005L	0.010	0.020L
06 12 78 1020			.3		0.005L	0.010L	0.020L
MAXIMUM					0.005	0.02	0.02
AVG OR GEOM MN (*)					0.005D	0.012D	0.020D
MINIMUM					0.005	0.010	0.02
NO OF SAMPLES					6	6	6

B.O.W./ SITE: ROSSEAU LAKE OUTLET
SAMPLE POINT: HIGHWAY 118 PORT CARLING
STATION TYPE: RIVER

STATION ID: 03-0085-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 2 LAT: LONG: U T M: 17 0611945.0 4997050.0 4 REGION: 03 MILEAGE: 34.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1030			.3		30000	6				1.0	12.4	0.6	0.006	0.001L
28 03 78 1040			.3		30006	6	4. L	2. L	2. L	2.5	14.6	0.2	0.001	0.001L
24 04 78 1045			.3		30012	6	4.	2. L	2. L	2.6	14.0	0.2	0.080	0.001
16 05 78 1040			.3		30018	6	4. L	2. L	2. L	10.5	12.6	0.4	0.005	0.001
19 06 78 1100			.3		30024	6	8.	2. L	2. L	17.0	9.6	0.2	0.005	0.001
24 07 78 1200			.3		30030	6	16.	2. L	2. L	24.0	9.0	0.4	0.003	0.001L
14 08 78 1100			.3		30036	6	4. L	2. L	2. L	25.5	8.8	1.4	0.001	0.001
25 09 78 1030			.3		30042	6	4.	2. L	2. L	16.0	10.8	0.2	0.003	0.002
30 10 78 1045			.3		30048	6	4.	2. L	2. L	9.0	12.0	0.2	0.004	0.001
20 11 78 1045			.3		30054	6	4. L	2. L	2. L	5.0	10.6	0.4	0.005	0.001
MAXIMUM							16.	2.	2.	25.5	14.6	1.4	0.080	0.002
AVG OR GEOM MN (*)							5.* D	2.* D	2.* D	11.3	11.4	0.4	0.011	0.001D
MINIMUM							4.	2.	2.	1.0	8.8	0.2	0.001	0.001
NO OF SAMPLES							9	9	9	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
16 01 78 1030			.3		0.014	0.200	0.002	0.213	0.229	0.186	0.415	31.0	0.6	30
28 03 78 1040			.3		0.008	0.220	0.001	0.264	0.273	0.212	0.485	34.0	2.6	31
24 04 78 1045			.3		0.014	1.430	0.001	0.300	0.315	1.416	1.731	30.0	0.1L	30
16 05 78 1040			.3		0.004	0.24	0.002	0.260	0.266	0.236	0.502	31.	1.2	30
19 06 78 1100			.3		0.030	0.220	0.003	0.265	0.298	0.190	0.488	29.0	0.2	29
24 07 78 1200			.3		0.016	0.240	0.009	0.511	0.536	0.224	0.760	33.0	1.6	31
14 08 78 1100			.3		0.020	0.220	0.003	0.167	0.190	0.200	0.390	32.0	0.6	31
25 09 78 1030			.3		0.004	0.160	0.003	0.195	0.202	0.156	0.358	32.0	0.9	31
30 10 78 1045			.3		0.007	0.21	0.002	0.250	0.259	0.203	0.462	30.	0.1	30
20 11 78 1045			.3		0.009	0.200	0.002	0.300	0.311	0.191	0.502	32.0	0.9	31
MAXIMUM					0.030	1.430	0.009	0.511	0.536	1.416	1.731	34.0	2.6	31
AVG OR GEOM MN (*)					0.013	0.334	0.003	0.273	0.288	0.321	0.609	31.4	0.9D	30
MINIMUM					0.004	0.160	0.001	0.167	0.190	0.156	0.358	29.0	0.1	29
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
16 01 78 1030			.3		46	0.65	2.6			
28 03 78 1040			.3		48	0.70	2.7			
24 04 78 1045			.3		46	0.72	2.7			
16 05 78 1040			.3		46	0.55	2.8			
19 06 78 1100			.3		45	0.50	2.6			
24 07 78 1200			.3		47		2.7		8	6.76
14 08 78 1100			.3		47	0.40	2.7		9	6.86
25 09 78 1030			.3		48	0.90	2.8		8	6.81
30 10 78 1045			.3		46	0.6	2.8	9.0	8	6.75
20 11 78 1045			.3		47	0.80	2.9	9.5	7	6.68
MAXIMUM					48	0.90	2.9	9.5	9	6.86
AVG OR GEOM MN (*)					46	0.65	2.7	9.3	8	6.77
MINIMUM					45	0.40	2.6	9.0	7	6.68
NO OF SAMPLES					10	9	10	2	5	5

```
                                                                                      STATION ID:  03-0085-003-02
 B.O.W./ SITE: MUSKOKA LAKE OUTLET
 SAMPLE POINT: AT HIGHWAY NO 169 BALA                                                          STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02EB006          MAJOR BASIN: GREAT LAKES                            002
                                                        MINOR BASIN: LAKE HURON                             2980
                                                        TERM STREAM: MUSKOKA RIVER

STN NO:      3    LAT:              LONG:              U T M: 17 0609150.0 4985175.0 4    REGION: 03        MILEAGE:   21.40

                                         934      901      444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                     COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
               FEET       MTRS                                   MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

16 01 78 1000               .3         30001     6    3440.00                                       0.5      12.8       0.6     0.003
28 03 78 1000               .3         30007     6    2760.00     4.  L     2.  L     2.  L         2.0      14.4       0.2     0.004
24 04 78 1015               .3         30013     6    5190.00     4.  L     2.  L     2.  L         2.5      14.6       0.2     0.097
16 05 78 0955               .3         30019     6    4590.00     4.  L     2.        2.  L         8.0      12.8       0.2     0.006
19 06 78 1035               .3         30025     6    1430.00   100.        4.        2.           17.0      10.0       0.6     0.002
24 07 78 1130               .3         30031     6     235.00    10.        2.  L     2.  L        23.5       9.0       0.2     0.002
14 08 78 1035               .3         30037     6     249.00     4.  L     2.  L     2.  L        25.0       8.4       0.5     0.001L
25 09 78 1000               .3         30043     6    1620.00     2.  L     2.  L     2.  L        16.0      11.2       0.2     0.007
30 10 78 1005               .3         30049     6    2970.00     4.  L     2.  L     2.  L        10.0      11.8       0.2     0.003
20 11 78 1010               .3         30055     6    1500.00     4.  L     2.  L     2.  L         6.5      11.4       0.2     0.005

                       MAXIMUM                        5190.00   100.        4.        2.           25.0      14.6       0.6     0.097
           AVG OR GEOM MN (*)                         2398.40     6.* D     2.* D     2.* D        11.1      11.6       0.3     0.013D
                       MINIMUM                         235.00     2.        2.        2.            0.5       8.4       0.2     0.001

                  NO OF SAMPLES                            10         9         9         9        10        10        10        10

                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS
               FEET       MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

16 01 78 1000               .3      0.001L    0.010     0.190     0.001     0.219     0.230     0.180     0.410     31.0       0.6
28 03 78 1000               .3      0.001L    0.006     0.200     0.001     0.274     0.281     0.194     0.475     32.0       0.7
24 04 78 1015               .3      0.001     0.010     1.750     0.002     0.290     0.302     1.740     2.042     31.0       0.2
16 05 78 0955               .3      0.001     0.006     0.21      0.002     0.265     0.273     0.204     0.477     30.        1.0
19 06 78 1035               .3      0.001     0.028     0.220     0.003     0.250     0.281     0.192     0.473     30.0       0.7
24 07 78 1130               .3      0.001L    0.018     0.220     0.003     0.217     0.238     0.202     0.440     32.0       2.2
14 08 78 1035               .3      0.001L    0.022     0.270     0.003     0.177     0.202     0.248     0.450     31.0       0.1L
25 09 78 1000               .3      0.001L    0.010     0.230     0.002     0.220     0.232     0.220     0.452     31.0       0.1L
30 10 78 1005               .3      0.001     0.009     0.23      0.002     0.245     0.256     0.221     0.477     33.        2.1
20 11 78 1010               .3      0.001     0.011     0.230     0.002     0.263     0.276     0.219     0.495     31.0       0.1

                       MAXIMUM      0.001     0.028     1.750     0.003     0.290     0.302     1.740     2.042     33.        2.2
           AVG OR GEOM MN (*)       0.001D    0.013     0.375     0.002     0.242     0.257     0.362     0.619     31.2       0.8D
                       MINIMUM      0.001     0.006     0.190     0.001     0.177     0.202     0.180     0.410     30.        0.1

                  NO OF SAMPLES        10        10        10        10        10        10        10        10        10        10

                                       107        14        16        56        59        52        55
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL         COND.     TURB.  CHLORIDE  SULPHATE   TOT ALK        PH
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS         25C  FORMAZIN      MG/L              AT LAB    AT LAB
               FEET       MTRS    MG/L           UMHOS     UNITS                 MG/L      MG/L

16 01 78 1000               .3          30        46      0.55       2.6
28 03 78 1000               .3          31        47      0.65       2.5
24 04 78 1015               .3          31        47      0.84       2.7
16 05 78 0955               .3          29        45      0.55       2.6



19 06 78 1035               .3          29        45      0.30       2.7
24 07 78 1130               .3          30        47      0.65       2.6                   8      6.92
14 08 78 1035               .3          31        48      0.30       2.9                   8      6.97
25 09 78 1000               .3          31        47      0.70       2.8                   8      6.85
30 10 78 1005               .3          31        47      1.0        2.7       9.0        11      6.84
20 11 78 1010               .3          31        48      0.90       2.8       9.0         7      6.74

                       MAXIMUM          31        48      1.0        2.9       9.0        11      6.97
           AVG OR GEOM MN (*)           30        47      0.64       2.7       9.0         8      6.86
                       MINIMUM          29        45      0.30       2.5       9.0         7      6.74

                  NO OF SAMPLES         10        10        10        10         2         5         5


                                                                                      STATION ID:  03-0085-004-02
 B.O.W./ SITE: MUSKOKA RIVER SOUTH
 SAMPLE POINT: HIGHWAY 11 MUSKOKA FALLS                                                        STORET CODE: 02
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                            002
                                                        MINOR BASIN: LAKE HURON                             2980
                                                        TERM STREAM: MUSKOKA RIVER

STN NO:      4    LAT:              LONG:              U T M: 17 0633800.0 4984350.0 4    REGION: 03        MILEAGE:   43.30

                                         934      901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO           COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

16 01 78 1240               .3         30002     6                                        0.0      13.6       0.6     0.001     0.001L
28 03 78 1330               .3         30008     6        4.        2.  L     2.  L         2.0      14.7       0.2     0.001     0.001L
24 04 78 1330               .3         30014     6       12.        2.  L     2.  L         2.6      14.0       0.2     0.001     0.001L
16 05 78 1255               .3         30020     6       56.        2.        2.  L        10.0      12.0       0.2     0.008     0.001
19 06 78 1345               .3         30026     6      100.        2.  L     2.  L        19.0       9.6       0.6     0.008     0.001
24 07 78 1405               .3         30032     6       90.        2.  L     2.  L        24.0       9.2       0.4     0.006     0.001L
14 08 78 1415               .3         30038     6      296.        2.  L     2.  L        26.0       9.6       1.2     0.003     0.001
25 09 78 1245               .3         30044     6       10.  L     4.  L     2.  L        16.0      10.8       0.2     0.007     0.001
30 10 78 1330               .3         30050     6       10.  L     2.  L     2.  L         8.5      12.0       0.2     0.005     0.004
20 11 78 1300               .3         30056     6       56.        2.  L     2.  L         4.0      12.0       0.2     0.007     0.001L

                       MAXIMUM                          296.        4.        2.           26.0      14.7       1.2     0.008     0.004
           AVG OR GEOM MN (*)                            32.* D     2.* D     2.* D        11.2      11.8       0.4     0.005     0.001D
                       MINIMUM                            4.        2.        2.            0.0       9.2       0.2     0.001     0.001

                  NO OF SAMPLES                             9         9         9        10        10        10        10        10
```

(C O N T D)

```
                                          19         20         21         22         17         18         23          5          6        107
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.    CALCUL
DY MO YR LMT    DIST BRG DEPTH       AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS  D-SOLIDS
                FEET      MTRS          MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L   MG/L

16 01 78 1240               .3         0.016      0.160      0.002      0.193      0.211      0.144      0.355      26.0       0.5         25
28 03 78 1330               .3         0.026      0.200      0.002      0.228      0.256      0.174      0.430      30.0       3.2         27
24 04 78 1330               .3         0.018      0.160      0.002      0.470      0.490      0.142      0.632      51.0      26.0         25
16 05 78 1255               .3         0.004      0.25       0.002      0.215      0.221      0.246      0.467      27.        2.1         25
19 06 78 1345               .3         0.024      0.270      0.003      0.125      0.152      0.246      0.398      33.0       6.0         27
24 07 78 1405               .3         0.026      0.270      0.003      0.092      0.121      0.244      0.365      28.0       0.8         27
14 08 78 1415               .3         0.022      0.240      0.002      0.073      0.097      0.218      0.315      26.0       0.4         26
25 09 78 1245               .3         0.016      0.210      0.003      0.130      0.149      0.194      0.343      26.0       0.4         26
30 10 78 1330               .3         0.013      0.22       0.002      0.190      0.205      0.207      0.412      25.        0.1L        25
20 11 78 1300               .3         0.018      0.240      0.002      0.200      0.220      0.222      0.442      28.0       0.5         27

                       MAXIMUM         0.026      0.270      0.003      0.470      0.490      0.246      0.632      51.0      26.0         27
            AVG OR GEOM MN (*)         0.018      0.222      0.002      0.192      0.212      0.204      0.416      30.0       4.00        26
                       MINIMUM         0.004      0.160      0.002      0.073      0.097      0.142      0.315      25.        0.1         25

                NO OF SAMPLES             10         10         10         10         10         10         10         10         10         10

                                          14         16         56         59         52         55
SAMP DTE HOUR   STN  STN SAMP  PJ      COND.      TURB.   CHLORIDE   SULPHATE    TOT ALK         PH
DY MO YR LMT    DIST BRG DEPTH           25C  FORMAZIN        MG/L               AT LAB     AT LAB
                FEET      MTRS         UMHOS      UNITS                  MG/L       MG/L

16 01 78 1240               .3            39       0.65        1.4
28 03 78 1330               .3            42       0.75        1.4
24 04 78 1330               .3            39       1.00        1.4
16 05 78 1255               .3            38       0.55        1.6
19 06 78 1345               .3            43       1.10        1.5
24 07 78 1405               .3            43       0.75        1.7                     8       6.52
14 08 78 1415               .3            40       0.50        1.6                     8       7.08
25 09 78 1245               .3            41       0.80        1.6                     8       6.67
30 10 78 1330               .3            39       0.9         1.6        9.0          6       6.72
20 11 78 1300               .3            41       1.00        1.7        9.5          6       6.59

                       MAXIMUM            43       1.10        1.7        9.5          8       7.08
            AVG OR GEOM MN (*)            40       0.80        1.5        9.3          7       6.72
                       MINIMUM            38       0.50        1.4        9.0          6       6.52

                NO OF SAMPLES             10         10         10          2          5          5
```

```
B.O.W./ SITE: MARY LAKE OUTLET                                                                   STATION ID:  03-0085-006-02
SAMPLE POINT: HIGHWAY 516 PORT SYDNEY
STATION TYPE: RIVER    FLOW GAUGE FED 02EB004           MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                         002
                                                        TERM STREAM: MUSKOKA RIVER                                      2980

STN NO:      6     LAT:                 LONG:           U T M: 17 0635450.0 5007850.0 4    REGION: 03          MILEAGE:    57.40

                                         934        901        444         80         81         84        805          3          1         33
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH            NO                         COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
                FEET      MTRS                                      MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

24 01 78 1235               .3         30200     6          593.00     20.        2.  L      2.          2.0        7.0        1.2      0.010
21 02 78 1150               .3         30207     6          385.00     12.        2.  L      2.  L       1.0       14.0        0.2      0.009
28 03 78 1100               .3         30214     6          440.00      4.        2.  L      2.  L       1.5       11.0        0.4      0.002
27 04 78 1300               .3         30221     6         3690.00      4.  L     2.  L      2.  L       5.0       12.0        0.4      0.011
31 05 78 1200               .3         30228     6          817.00    180.       20.         2.         23.0       10.0        0.5      0.014
27 06 78 1100               .3         30235     6          297.00    104.       12.        10.         18.5       10.0        0.4      0.005
25 07 78 1340               .3         30242     6          277.00     52.        2.  L     34.         23.0       10.0        0.8      0.007
29 08 78 1035               .3         30249     6          415.00      4.        2.  L      2.  L      21.0        9.0        0.4      0.005
27 09 78 1300               .3         30256     6          587.00     28.        2.  L      2.  L      15.0       10.0        1.0      0.006
31 10 78 1020               .3         30263     6          668.00      4.        2.  L      2.  L       8.5       11.0        0.2      0.006
29 11 78 1330               .3         30270     6          850.00      8.        2.  L      2.  L       3.0       11.0        0.6      0.011

                       MAXIMUM                             3690.00    180.       20.        34.         23.0       14.0        1.2      0.014
            AVG OR GEOM MN (*)                              819.91     16.* D     3.* D      3.* D      11.0       10.5        0.6      0.008
                       MINIMUM                              277.00      4.        2.         2.          1.0        7.0        0.2      0.002

                NO OF SAMPLES                                   11         11         11         11         11         11         11         11

                                          34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH      REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
                FEET      MTRS        P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 1235               .3         0.001      0.020      0.290      0.003      0.197      0.220      0.270      0.490      32.0        0.5
21 02 78 1150               .3         0.004      0.054      0.330      0.004      0.235      0.293      0.276      0.569      31.0        0.4
28 03 78 1100               .3         0.001L     0.028      0.260      0.004      0.326      0.358      0.232      0.590      34.0        1.8
27 04 78 1300               .3         0.003      0.018      0.330      0.003      0.370      0.391      0.312      0.703      48.0       18.0
31 05 78 1200               .3         0.001      0.026      0.330      0.005      0.315      0.346      0.304      0.650      28.0        2.2
27 06 78 1100               .3         0.001      0.018      0.260      0.003      0.305      0.326      0.242      0.568      30.0        0.9
25 07 78 1340               .3                               0.310                                                         31.0        0.9
29 08 78 1035               .3         0.001L     0.024      0.29       0.003      0.235      0.262      0.266      0.528      30.         0.5
27 09 78 1300               .3         0.001L     0.010      0.220      0.002      0.170      0.182      0.210      0.392      32.0        0.9
31 10 78 1020               .3         0.001      0.011      0.24       0.002      0.335      0.348      0.229      0.577      32.         1.
29 11 78 1330               .3         0.005      0.009      0.210      0.002      0.355      0.366      0.201      0.567      30.0        0.5

                       MAXIMUM         0.005      0.054      0.330      0.005      0.370      0.391      0.312      0.703      48.0       18.0
            AVG OR GEOM MN (*)         0.0020     0.022      0.279      0.003      0.284      0.309      0.254      0.563      32.5        2.5
                       MINIMUM         0.001      0.009      0.210      0.002      0.170      0.182      0.201      0.392      28.0        0.4

                NO OF SAMPLES             10         10         11         10         10         10         10         10         11         11
```

(C O N T D)

```
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  25 OCT 79  PAGE    98

                                                                                          STATION ID:  03-0085-006-02
 B.O.W./ SITE: MARY LAKE OUTLET
 SAMPLE POINT: HIGHWAY 516 PORT SYDNEY                                                       STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02EB004         MAJOR BASIN: GREAT LAKES                           002
                                                       MINOR BASIN: LAKE HURON                            2980
                                                       TERM STREAM: MUSKOKA RIVER

STN NO:      6    LAT:               LONG:             U T M: 17 0635450.0 5007850.0 4    REGION: 03          MILEAGE:   57.40

                                          107        14       16        56       59       52       55
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL      COND.    TURB.   CHLORIDE  SULPHATE  TOT ALK      PH
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS      25C  FORMAZIN     MG/L            AT LAB   AT LAB
               FEET      MTRS     MG/L        UMHOS    UNITS                 MG/L    MG/L

24 01 78 1235             .3           31        47     0.85      2.1
21 02 78 1150             .3           31        47     1.30      2.2
28 03 78 1100             .3           32        50     1.20      2.7
27 04 78 1300             .3           30        46     0.65      2.7
31 05 78 1200             .3           26        40     1.20      1.6
27 06 78 1100             .3           29        45     0.70      2.1
25 07 78 1340             .3           30        46     9.00      2.1
29 08 78 1035             .3           29        45     0.6       2.4                 7      7.08
27 09 78 1300             .3           31        46     1.00      1.6                10      7.41
31 10 78 1020             .3           31        47     0.6       2.5      10.0       8      6.86
29 11 78 1330             .3           29        44     1.00      2.4

                     MAXIMUM           32        50     9.00      2.7      10.0      10      7.41
           AVG OR GEOM MN (*)          30        46     1.65      2.2      10.0       8      7.12
                     MINIMUM           26        40     0.6       1.6      10.0       7      6.86

               NO OF SAMPLES           11        11       11       11         1       3         3


                                                                                          STATION ID:  03-0085-007-02
 B.O.W./ SITE: FAIRY LAKE OUTLET
 SAMPLE POINT: HIGHWAY 527 HUNTSVILLE                                                        STORET CODE: 02
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                           002
                                                       MINOR BASIN: LAKE HURON                            2980
                                                       TERM STREAM: MUSKOKA RIVER

STN NO:      7    LAT:               LONG:             U T M: 17 0640850.0 5018100.0 4    REGION: 03          MILEAGE:   65.40

                                    934      901      80         81          84        805       3       1       33        34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     SCD     TOTAL      FECAL       M.F.      WATER    DISS.   5-DAY    TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH        NO            COLIFORM   COLIFORM     ENTER.     TEMP.      02     BOD        P   REACTIVE
               FEET      MTRS                     MF/100ML   MF/100ML    MF/100ML    DEG C     MG/L    MG/L     MG/L    P MG/L

24 01 78 1205             .3       30201    6       236.       10.         2.         2.0      9.0     1.2    0.009    0.001
21 02 78 1125             .3       30208    6       112.        2.  L      2.         1.0     10.0     0.2    0.013    0.003
28 03 78 1025             .3       30215    6       376.       30.        10.         1.0     12.0     0.2    0.010    0.001L
27 04 78 1135             .3       30222    6        68.        2.         2.  L      4.5     11.0     0.2    0.013    0.003
31 05 78 1135             .3       30229    6       264.       42.         2.        23.0     10.0     1.0    0.009    0.001L
27 06 78 1000             .3       30236    6        60.        2.  L      4.        18.5     10.0     0.4    0.002    0.001
25 07 78 1240             .3       30243    6         8.        2.  L      2.  L     23.0      9.0     0.5    0.011
29 08 78 0915             .3       30250    6        40.        4.         2.        21.0      9.0     0.4    0.005    0.001
27 09 78 1145             .3       30257    6        72.        2.  L      2.  L     15.0     10.0     0.2    0.007    0.001
31 10 78 0735             .3       30264    6        32.        2.  L      2.  L      8.5     10.0     0.2    0.009    0.002
29 11 78 1145             .3       30271    6        56.        2.         2.         3.5     11.0     0.4    0.029    0.011




                     MAXIMUM                                376.       42.        10.        23.0     12.0     1.2    0.029    0.011
           AVG OR GEOM MN (*)                                75.*       4.* D      2.* D     11.0     10.1     0.4    0.011    0.003D
                     MINIMUM                                  8.        2.         2.         1.0      9.0     0.2    0.002    0.001

               NO OF SAMPLES                                 11        11         11         11       11      11       11       10
                                   19        20        21        22        17        18        23        5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED    TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.   CALCUL
DY MO YR LMT   DIST BRG DEPTH    AMMONIA  KJELDAHL  NO2-N     NO3-N          N   ORGNC  N            SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS       MG/L      MG/L  MG/L      MG/L        MG/L      MG/L     MG/L      MG/L      MG/L  MG/L

24 01 78 1205             .3       0.036     0.300     0.005     0.140     0.181     0.264     0.445     30.0      0.7      29
21 02 78 1125             .3       0.064     0.320     0.004     0.210     0.278     0.256     0.534     32.0      0.5      31
28 03 78 1025             .3       0.062     0.300     0.005     0.290     0.357     0.238     0.595     37.0      1.4      36
27 04 78 1135             .3       0.030     0.330     0.003     0.360     0.393     0.300     0.693     31.0      1.4      30
31 05 78 1135             .3       0.022     0.290     0.005     0.310     0.337     0.268     0.605     28.0      1.8      26
27 06 78 1000             .3       0.022     0.270     0.003     0.295     0.320     0.248     0.568     29.0      0.7      28
25 07 78 1240             .3                 0.330                                                     31.0      1.5      29
29 08 78 0915             .3       0.030     0.27      0.003     0.220     0.253     0.240     0.493     31.       1.4      30
27 09 78 1145             .3       0.018     0.260     0.003     0.270     0.291     0.242     0.533     32.0      1.4      31
31 10 78 0735             .3       0.007     0.24      0.003     0.305     0.315     0.233     0.548     30.       1.       29
29 11 78 1145             .3       0.011     0.230     0.002     0.350     0.363     0.219     0.582     29.0      0.3      29

                     MAXIMUM       0.064     0.330     0.005     0.360     0.393     0.300     0.693     37.0      1.8      36
           AVG OR GEOM MN (*)      0.030     0.285     0.004     0.275     0.309     0.251     0.560     30.9      1.1      30
                     MINIMUM       0.007     0.230     0.002     0.140     0.181     0.219     0.445     28.0      0.3      26

               NO OF SAMPLES          10        11        10        10        10        10        10       11       11       11
                                   14        16        56        59        52        55
SAMP DTE HOUR  STN  STN SAMP  PJ  COND.     TURB.   CHLORIDE  SULPHATE   TOT ALK       PH
DY MO YR LMT   DIST BRG DEPTH       25C  FORMAZIN     MG/L               AT LAB    AT LAB
               FEET      MTRS     UMHOS     UNITS                 MG/L      MG/L

24 01 78 1205             .3        45      0.90       1.9
21 02 78 1125             .3        47      1.20       2.1
28 03 78 1025             .3        56      1.20       3.8
27 04 78 1135             .3        46      1.30       2.3
31 05 78 1135             .3        40      1.00       1.6
27 06 78 1000             .3        43      0.80       1.9
25 07 78 1240             .3        44                 2.1
29 08 78 0915             .3        46      1.5        2.4                   8      7.08
27 09 78 1145             .3        48      1.00       2.3                   9      7.42
31 10 78 0735             .3        45      1.0        2.2      10.0         8      6.76
29 11 78 1145             .3        45      1.70       2.2

                     MAXIMUM        56      1.70       3.8      10.0         9      7.42
           AVG OR GEOM MN (*)       46      1.16       2.2      10.0         8      7.09
                     MINIMUM        40      0.80       1.6      10.0         8      6.76

               NO OF SAMPLES        11        10        11         1         3         3
```

B.O.W./ SITE: LAKE VERNON OUTLET
SAMPLE POINT: HIGHWAY 11B HUNTSVILLE
STATION TYPE: RIVER

STATION ID: 03-0085-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 8 LAT: LONG: U T M: 17 0639855.0 5020800.0 4 REGION: 03 MILEAGE: 68.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1150			.3		30202	6	80.	2. L	2.	2.0	9.0	1.2	0.006	0.001
21 02 78 1115			.3		30209	6	40.	2. L	2. L	0.0	13.0	0.2	0.002	0.002
28 03 78 1010			.3		30216	6	136.	2.	8.	2.0	12.0	0.2	0.011	0.001L
27 04 78 1100			.3		30223	6	144.	2.	4.	4.0	12.0	0.5	0.014	0.002
31 05 78 1025			.3		30230	6	312.	2.	12.	23.0	9.0	0.8	0.007	0.001L
27 06 78 0945			.3		30237	6	760.	40.	54.	21.0	9.0	0.6	0.009	0.001
25 07 78 1210			.3		30244	6	20000.	68.	2. L	24.5	9.0	0.6	0.011	
29 08 78 0905			.3		30251	6	310.	30.	56.	20.5	8.0	0.4	0.010	0.001
27 09 78 1130			.3		30258	6	80.	2. L	2.	15.0	11.0	0.5	0.008	0.001
31 10 78 0920			.3		30265	6	30.	2. L	2. L	8.5	10.0	0.2	0.008	0.001
29 11 78 1120			.3		30272	6	20.	2. L	2.	2.0	12.0	0.6	0.037	0.020
MAXIMUM							20000.	68.	56.	24.5	13.0	1.2	0.037	0.020
AVG OR GEOM MN (*)							174.*	5.* D	5.* D	11.1	10.4	0.5	0.011	0.003D
MINIMUM							20.	2.	2.	0.0	8.0	0.2	0.002	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
24 01 78 1150			.3		0.030	0.300	0.004	0.121	0.155	0.270	0.425	30.0	1.0	29
21 02 78 1115			.3		0.054	0.310	0.004	0.190	0.248	0.256	0.504	30.0	0.3	30
28 03 78 1010			.3		0.038	0.280	0.004	0.281	0.323	0.242	0.565	35.0	1.8	33
27 04 78 1100			.3		0.034	0.400	0.003	0.400	0.437	0.366	0.803	28.0	2.2	26
31 05 78 1025			.3		0.012	0.310	0.005	0.310	0.327	0.298	0.625	27.0	2.5	25
27 06 78 0945			.3		0.016	0.300	0.003	0.290	0.309	0.284	0.593	28.0	1.2	27
25 07 78 1210			.3			0.260						29.0	2.4	27
29 08 78 0905			.3		0.032	0.33	0.003	0.235	0.270	0.298	0.568	32.	2.1	30
27 09 78 1130			.3		0.014	0.260	0.003	0.260	0.277	0.246	0.523	29.0	2.3	27
31 10 78 0920			.3		0.014	0.27	0.004	0.285	0.303	0.256	0.559	29.	2.	27
29 11 78 1120			.3		0.018	0.210	0.003	0.310	0.331	0.192	0.523	27.0	0.8	26
MAXIMUM					0.054	0.400	0.005	0.400	0.437	0.366	0.803	35.0	2.5	33
AVG OR GEOM MN (*)					0.026	0.294	0.004	0.268	0.298	0.271	0.569	29.5	1.7	28
MINIMUM					0.012	0.210	0.003	0.121	0.155	0.192	0.425	27.0	0.3	25
NO OF SAMPLES					10	11	10	10	10	10	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
24 01 78 1150			.3		44	0.90	1.7			
21 02 78 1115			.3		46	1.30	1.8			
28 03 78 1010			.3		51	1.00	3.0			
27 04 78 1100			.3		41	1.20	1.7			
31 05 78 1025			.3		38	1.40	1.2			
27 06 78 0945			.3		41	1.20	1.4			
25 07 78 1210			.3		42	2.80	1.7			6.50
29 08 78 0905			.3		46	1.9	2.6		9	6.78
27 09 78 1130			.3		43	1.40	1.7		7	7.26
31 10 78 0920			.3		41	1.6	1.6	10.0	7	6.63
29 11 78 1120			.3		40	2.20	1.5			
MAXIMUM					51	2.80	3.0	10.0	9	7.26
AVG OR GEOM MN (*)					43	1.54	1.8	10.0	8	6.79
MINIMUM					38	0.90	1.2	10.0	7	6.50
NO OF SAMPLES					11	11	11	1	3	4

B.O.W./ SITE: LAKE OF BAYS OUTLET
SAMPLE POINT: HIGHWAY 118 BAYSVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02EB008

STATION ID: 03-0085-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 9 LAT: LONG: U T M: 17 0648450.0 5001115.0 4 REGION: 03 MILEAGE: 66.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1305			.3		30203	6	1010.00	4. L	2. L	2. L	2.0	8.0	0.4	0.008
21 02 78 1325			.3		30210	6	424.00	4. L	2. L	2. L	1.0	13.0	0.2	0.005
28 03 78 1130			.3		30217	6	788.00	4. L	2. L	2. L	2.0	11.0	0.2	0.001
27 04 78 1330			.3		30224	6	1330.00	4. L	2. L	2.	6.0	11.0	0.2	0.005
31 05 78 1315			.3		30231	6	975.00	4. L	2. L	2. L	23.0	13.0	0.5	0.004
27 06 78 1145			.3		30238	6	230.00	32.	2. L	2. L	20.0	10.0	0.4	0.002
25 07 78 1350			.3		30245	6	123.00	108.	2. L	2.	24.0	8.0	0.4	0.011
29 08 78 1130			.3		30252	6	615.00				21.0	8.0	0.4	0.014
27 09 78 1345			.3		30259	6	655.00	12.	2. L	2. L	15.0	11.0	0.8	0.006
31 10 78 1045			.3		30266	6	685.00	4. L	2. L	2. L	9.0	10.0	0.2	0.012
29 11 78 1410			.3		30273	6	858.00	4. L	2. L	4. L	3.5	12.0	0.4	0.011
MAXIMUM							1330.00	108.	2.	4.	24.0	13.0	0.8	0.014
AVG OR GEOM MN (*)							699.36	8.* D	2.* D	2.* D	11.5	10.5	0.4	0.007
MINIMUM							123.00	4.	2.	2.	1.0	8.0	0.2	0.001
NO OF SAMPLES							11	10	10	10	11	11	11	11

(C O N T D)

STATION ID: 03-0085-009-02

B.O.W./ SITE: LAKE OF BAYS OUTLET
SAMPLE POINT: HIGHWAY 118 BAYSVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02EB008

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 9 LAT: LONG: U T M: 17 0648450.0 5001115.0 4 REGION: 03 MILEAGE: 66.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1305			.3		0.001	0.006	0.190	0.002	0.158	0.166	0.184	0.350	26.0	0.5
21 02 78 1325			.3		0.003	0.012	0.200	0.002	0.210	0.224	0.188	0.412	27.0	0.2
28 03 78 1130			.3		0.001L	0.008	0.270	0.001	0.229	0.238	0.262	0.500	26.0	0.4
27 04 78 1330			.3		0.002	0.010	0.170	0.002	0.270	0.282	0.160	0.442	26.0	0.5
31 05 78 1315			.3		0.001L	0.010	0.220	0.004	0.215	0.229	0.210	0.439	26.0	1.1
27 06 78 1145			.3		0.001L	0.016	0.240	0.003	0.190	0.209	0.224	0.433	26.0	0.4
25 07 78 1350			.3				0.230						27.0	0.8
29 08 78 1130			.3		0.001	0.026	0.41	0.004	0.110	0.140	0.384	0.524	35.	11.
27 09 78 1345			.3		0.001	0.010	0.210	0.002	0.155	0.167	0.200	0.367	28.0	0.9
31 10 78 1045			.3		0.001L	0.007	0.20	0.002	0.205	0.214	0.193	0.407	29.	3.
29 11 78 1410			.3		0.008	0.018	0.150	0.002	0.250	0.270	0.132	0.402	26.0	0.2
MAXIMUM					0.008	0.026	0.41	0.004	0.270	0.282	0.384	0.524	35.	11.
AVG OR GEOM MN (*)					0.002D	0.012	0.226	0.002	0.199	0.214	0.214	0.428	27.5	1.7
MINIMUM					0.001	0.006	0.150	0.001	0.110	0.140	0.132	0.350	26.0	0.2
NO OF SAMPLES					10	10	11	10	10	10	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
24 01 78 1305			.3		26	40	0.52	1.4			
21 02 78 1325			.3		27	41	0.60	1.3			
28 03 78 1130			.3		26	40	0.45	1.2			
27 04 78 1330			.3		25	39	0.55	1.6			
31 05 78 1315			.3		25	38	0.40	1.3			
27 06 78 1145			.3		26	41	0.80	1.3			
25 07 78 1350			.3		26	41	0.85	1.8			
29 08 78 1130			.3		24	37	1.8	1.2		6	6.76
27 09 78 1345			.3		27	41	0.80	1.5		7	
31 10 78 1045			.3		26	39	0.9	1.5	10.0	6	6.61
29 11 78 1410			.3		26	39	1.00	1.5			
MAXIMUM					27	41	1.8	1.8	10.0	7	6.76
AVG OR GEOM MN (*)					26	40	0.79	1.4	10.0	6	6.69
MINIMUM					24	37	0.40	1.2	10.0	6	6.61
NO OF SAMPLES					11	11	11	11	1	3	2

STATION ID: 03-0085-011-02

B.O.W./ SITE: INDIAN RIVER
SAMPLE POINT: HANNA PARK PORT CARLING
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 11 LAT: LONG: U T M: 17 0611650.0 4996500.0 4 REGION: 03 MILEAGE: 33.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1045			.3		30003	6				1.0	10.6	0.6	0.003	0.001L
28 03 78 1055			.3		30009	6	4. L	2. L	2. L	2.5	16.0	0.2	0.005	0.001L
24 04 78 1100			.3		30015	6	4. L	2. L	2. L	2.8	13.2	0.2	0.001	0.001
16 05 78 1055			.3		30021	6	304.	4. L	2.	11.0	12.2	0.4	0.012	0.001
19 06 78 1115			.3		30027	5 9 6	52.	2. L	2. L	17.5	10.6	0.6	0.010	0.001L
24 07 78 1215			.3		30033	9 5	20.	2. L	32.	25.0	9.2	0.4	0.008	0.001L
14 08 78 1120			.3		30039	8 5	16.	2. L	2. L	26.5	9.6	0.4	0.005	0.001L
25 09 78 1045			.3		30045	6	20.	2. L	2. L	17.0	10.2	0.4	0.007	0.001
30 10 78 1055			.3		30051	6	4. L	2. L	30.	9.0	14.2	0.2	0.006	0.001
20 11 78 1055			.3		30057	6	4. L	2. L	2. L	5.0	13.6	0.4	0.006	0.001
MAXIMUM							304.	4.	32.	26.5	16.0	0.6	0.012	0.001
AVG OR GEOM MN (*)							14.* D	2.* D	4.* D	11.7	11.9	0.4	0.006	0.001D
MINIMUM							4.	2.	2.	1.0	9.2	0.2	0.001	0.001
NO OF SAMPLES							9	9	9	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
16 01 78 1045			.3		0.010	0.170	0.002	0.213	0.225	0.160	0.385	29.0	0.4	29
28 03 78 1055			.3		0.008	0.190	0.001	0.269	0.278	0.182	0.460	32.0	0.9	31
24 04 78 1100			.3		0.006	0.160	0.001	0.280	0.287	0.154	0.441	35.0	5.5	29
16 05 78 1055			.3		0.014	0.29	0.003	0.245	0.262	0.276	0.538	34.	1.9	32
19 06 78 1115			.3		0.020	0.220	0.003	0.245	0.268	0.200	0.468	33.0	3.9	29
24 07 78 1215			.3		0.042	0.290	0.003	0.177	0.222	0.248	0.470	38.0	3.9	34
14 08 78 1120			.3		0.018	0.250	0.002	0.098	0.118	0.232	0.350	34.0	3.3	31
25 09 78 1045			.3		0.008	0.250	0.003	0.170	0.181	0.242	0.423	30.0	0.8	29
30 10 78 1055			.3		0.013	0.21	0.002	0.245	0.260	0.197	0.457	30.	0.6	29
20 11 78 1055			.3		0.009	0.200	0.002	0.274	0.285	0.191	0.476	30.0	0.4	30
MAXIMUM					0.042	0.29	0.003	0.280	0.287	0.276	0.538	38.0	5.5	34
AVG OR GEOM MN (*)					0.015	0.223	0.002	0.222	0.239	0.208	0.447	32.5	2.2	30
MINIMUM					0.006	0.160	0.001	0.098	0.118	0.154	0.350	29.0	0.4	29
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
16 01 78 1045			.3		45	0.55	2.7			
28 03 78 1055			.3		47	0.65	2.7			
24 04 78 1100			.3		45	0.74	2.8			
16 05 78 1055			.3		49	1.0	3.5			
19 06 78 1115			.3		45	0.70	2.7			
24 07 78 1215			.3		55	1.50	3.4		9	6.96
14 08 78 1120			.3		49	1.10	3.1		8	6.83
25 09 78 1045			.3		45	0.80	2.8		8	6.86
30 10 78 1055			.3		45	0.9	2.8	9.0	9	6.82
20 11 78 1055			.3		46	0.60	2.7	9.0	7	6.65
MAXIMUM					55	1.50	3.5	9.0	9	6.96
AVG OR GEOM MN (*)					47	0.85	2.9	9.0	8	6.82
MINIMUM					45	0.55	2.7	9.0	7	6.65
NO OF SAMPLES					10	10	10	2	5	5

B.O.W./ SITE: LAKE OF BAYS
SAMPLE POINT: HIGHWAY 35, DORSET
STATION TYPE: LAKE

STATION ID: 03-0085-014-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 14 LAT: LONG: U T M: 17 0665250.0 5012100.0 4 REGION: 03 MILEAGE: 82.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1340			.3		30205	6	4.	2. L	2. L	2.0	13.0	0.4	0.007	0.002
21 02 78 1350			.3		30212	4	8.	2. L	2. L	0.0	15.0	0.2	0.006	0.003
28 03 78 1155			.3		30219	6	4. L	2. L	2. L	2.0	13.0	0.2		
27 04 78 1400			.3		30226	6	300.	4.	4.	8.0	12.0	0.2		0.001
31 05 78 1350			.3		30233	6	4. L	2. L	4.	22.5	11.0	0.6	0.007	0.001L
27 06 78 1210			.3		30240	6	132.	34.	4.	20.0	9.0	0.5	0.003	0.001
25 07 78 1430			.3		30247	6	60.	8.	2.	24.0	9.0	0.4	0.015	
29 08 78 1155			.3		30254	6	60.	2. L	2. L	21.0	9.0	0.2	0.009	0.001L
27 09 78 1410			.3		30261	6	10. L	2. L	2.	16.0	12.0	0.8	0.003	0.001
31 10 78 1200			.3		30268	6	4. L	2. L	2. L	8.5	10.0	0.2	0.005	0.001
29 11 78 1440			.3		30275	6	28.	2. L	2. L	2.0	13.0	0.4	0.021	0.016
MAXIMUM							300.	34.	4.	24.0	15.0	0.8	0.021	0.016
AVG OR GEOM MN (*)							18.* D	3.* D	2.* D	11.5	11.5	0.4	0.008	0.003D
MINIMUM							4.	2.	2.	0.0	9.0	0.2	0.003	0.001
NO OF SAMPLES							11	11	11	11	11	11	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
24 01 78 1340			.3		0.010	0.160	0.002	0.118	0.130	0.150	0.280	24.0	0.6	23
21 02 78 1350			.3		0.012	0.190	0.002	0.190	0.204	0.178	0.382	23.0	0.4	23
28 03 78 1155			.3									24.0	0.6	23
27 04 78 1400			.3		0.046		0.003	0.230	0.279			42.0	15.0	27
31 05 78 1350			.3		0.012	0.210	0.004	0.180	0.196	0.198	0.394	27.0	0.8	26
27 06 78 1210			.3		0.014	0.220	0.002	0.150	0.166	0.206	0.372	25.0	0.5	25
25 07 78 1430			.3			0.230						25.0	2.1	23
29 08 78 1155			.3		0.026	0.25	0.002	0.120	0.148	0.224	0.372	24.	1.3	23
27 09 78 1410			.3		0.012	0.190	0.002	0.145	0.159	0.178	0.337	26.0	1.0	25
31 10 78 1200			.3		0.009	0.19	0.002	0.160	0.171	0.181	0.352	32.	9.	23
29 11 78 1440			.3		0.009	0.150	0.002	0.215	0.226	0.141	0.367	23.0	0.3	23
MAXIMUM					0.046	0.25	0.004	0.230	0.279	0.224	0.394	42.0	15.0	27
AVG OR GEOM MN (*)					0.017	0.199	0.002	0.168	0.187	0.182	0.357	26.8	2.9	24
MINIMUM					0.009	0.150	0.002	0.118	0.130	0.141	0.280	23.0	0.3	23
NO OF SAMPLES					9	9	9	9	9	8	8	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
24 01 78 1340			.3		36	0.50	0.6			
21 02 78 1350			.3		36	0.65	0.4			
28 03 78 1155			.3		36	0.50	0.6			
27 04 78 1400			.3		42	1.30	2.0			
31 05 78 1350			.3		40	0.40	1.1			
27 06 78 1210			.3		38	0.60	1.1			
25 07 78 1430			.3		36		0.9			
29 08 78 1155			.3		35	0.6	0.6		6	6.80
27 09 78 1410			.3		39	0.90	0.6		7	7.15
31 10 78 1200			.3		25	0.7	0.6	9.5	6	6.51
29 11 78 1440			.3		36	1.00	0.1			
MAXIMUM					42	1.30	2.0	9.5	7	7.15
AVG OR GEOM MN (*)					36	0.72	0.8	9.5	6	6.82
MINIMUM					25	0.40	0.1	9.5	6	6.51
NO OF SAMPLES					11	10	11	1	3	3

STATION ID: 03-0085-028-02

B.O.W./ SITE: ROSSEAU RIVER
SAMPLE POINT: HIGHWAY 532 NEAR ROSSEAU FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02EB103

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 28 LAT: LONG: U T M: 17 0611175.0 5010275.0 4 REGION: 03 MILEAGE: 45.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1140			.3		30004	6				0.0	12.6	0.8	0.014	0.010
28 03 78 1150			.3		30010	6	20.	2.	4.	1.0	15.8	0.2	0.012	0.003
24 04 78 1220			.3		30016	6	52.	2. L	2. L	1.7	13.6	0.2	0.015	0.001
16 05 78 1155			.3		30022	6	296.	4.	4.	14.0	10.4	0.5	0.024	0.003
19 06 78 1150			.3		30028	6	188.	48.	6.	19.0	9.6	1.0	0.043	0.006
24 07 78 1255			.3		30034	6	252.	88.	84.	23.5	12.6	1.0	0.066	0.008
14 08 78 1200			.3		30040	6	252.	164.	4.	25.0	8.8	0.5	0.042	0.004
25 09 78 1130			.3		30046	6	310.	12.	12.	13.0	10.8	0.4	0.034	0.003
30 10 78 1200			.3		30052	6	60.	4. L	4.	5.0	11.8	0.2	0.017	0.002
20 11 78 1140			.3		30058	6	96.	2.	14.	2.0	11.8	0.8	0.019	0.002
MAXIMUM							310.	164.	84.	25.0	15.8	1.0	0.066	0.010
AVG OR GEOM MN (*)							123.*	10.* D	7.* D	10.4	11.8	0.6	0.029	0.004
MINIMUM							20.	2.	2.	0.0	8.8	0.2	0.012	0.001
NO OF SAMPLES							9	9	9	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
16 01 78 1140			.3		0.236	0.540	0.007	0.353	0.596	0.304	0.900	25.0	1.4	24
28 03 78 1150			.3		0.372	0.860	0.008	0.497	0.877	0.488	1.365	30.0	2.1	28
24 04 78 1220			.3		0.052	0.760	0.004	1.440	1.496	0.708	2.204	31.0	5.9	25
16 05 78 1155			.3		0.030	0.48	0.005	0.370	0.405	0.450	0.855	27.	7.3	20
19 06 78 1150			.3		0.068	0.720	0.009	0.225	0.302	0.652	0.954	29.0	6.6	22
24 07 78 1255			.3		0.110	0.870	0.010	0.130	0.250	0.760	1.010	34.0	4.1	30
14 08 78 1200			.3		0.060	0.640	0.009	0.086	0.155	0.580	0.735	32.0	2.9	29
25 09 78 1130			.3		0.042	0.700	0.006	0.090	0.138	0.658	0.796	26.0	4.6	21
30 10 78 1200			.3		0.018	0.50	0.005	0.120	0.143	0.482	0.625	23.	2.0	21
20 11 78 1140			.3		0.034	0.460	0.004	0.217	0.255	0.426	0.681	25.0	2.0	23
MAXIMUM					0.372	0.870	0.010	1.440	1.496	0.760	2.204	34.0	7.3	30
AVG OR GEOM MN (*)					0.102	0.653	0.007	0.353	0.462	0.551	1.013	28.2	3.9	24
MINIMUM					0.018	0.460	0.004	0.086	0.138	0.304	0.625	23.	1.4	20
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
16 01 78 1140			.3		37	1.80	1.1			
28 03 78 1150			.3		43	2.40	1.5			
24 04 78 1220			.3		38	2.10	0.8			
16 05 78 1155			.3		31	2.3	0.9			
19 06 78 1150			.3		35	3.60	1.5			
24 07 78 1255			.3		46	4.10	2.3		14	6.77
14 08 78 1200			.3		45	2.60	2.0		12	7.17
25 09 78 1130			.3		33	2.20	1.1		7	6.19
30 10 78 1200			.3		32	1.5	1.3	9.0	6	6.15
20 11 78 1140			.3		35	1.70	1.1	10.5	6	5.98
MAXIMUM					46	4.10	2.3	10.5	14	7.17
AVG OR GEOM MN (*)					37	2.43	1.4	9.8	9	6.45
MINIMUM					31	1.5	0.8	9.0	6	5.98
NO OF SAMPLES					10	10	10	2	5	5

STATION ID: 03-0085-032-02

B.O.W./ SITE: EAST RIVER
SAMPLE POINT: HIGHWAY 11 5 MILES NORTH OF HUNTSVILLE
STATION TYPE: RIVER FLOW GAUGE MOE 02EB101

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 32 LAT: LONG: U T M: 17 0639200.0 5026400.0 4 REGION: 03 MILEAGE: 87.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
21 02 78 1050			.3		30211	2								
27 04 78 1115			.3		30225	6	104.	2. L	2.	5.0	13.0	0.4	0.043	0.002
31 05 78 1110			.3		30232	6	308.	8.	2.	23.0	8.0	0.8	0.013	0.001L
27 06 78 1040			.3		30239	6	232.	96.	126.	19.0	8.0	0.8	0.024	0.001
25 07 78 1310			.3		30246	6	2700.	52.	2.	23.0	8.0	0.6		
29 08 78 0935			.3		30253	6				19.0	9.0	0.2	0.003	0.001
27 09 78 1115			.3		30260	6	190.	2.	34.	14.0	11.0	1.0	0.011	0.002
31 10 78 0950			.3		30267	6	70.	2. L	4.	6.5	11.0	0.2	0.017	0.001
29 11 78 1050			.3		30274	6	170.	2. L	2. L	1.5	13.0	0.6	0.010	0.001
MAXIMUM							2700.	96.	126.	23.0	13.0	1.0	0.043	0.002
AVG OR GEOM MN (*)							240.*	7.* D	6.* D	13.9	10.1	0.6	0.017	0.001D
MINIMUM							70.	2.	2.	1.5	8.0	0.2	0.003	0.001
NO OF SAMPLES							7	7	7	8	8	8	7	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
27 04 78 1115			.3		0.038	0.340	0.003	0.425	0.466	0.302	0.768	99.0	74.0	25
31 05 78 1110			.3		0.022	0.310	0.004	0.100	0.126	0.288	0.414	29.0	4.1	25
27 06 78 1040			.3		0.030	0.320	0.003	0.110	0.143	0.290	0.433	37.0	7.9	29
25 07 78 1310			.3			0.400						33.0	9.5	23
29 08 78 0935			.3		0.020	0.26	0.002	0.130	0.152	0.240	0.392	27.	2.5	25
27 09 78 1115			.3		0.022	0.290	0.003	0.110	0.135	0.268	0.403	35.0	3.4	32
31 10 78 0950			.3		0.016	0.32	0.003	0.105	0.124	0.304	0.428	34.	4.	25
29 11 78 1050			.3		0.031	0.210	0.003	0.135	0.169	0.179	0.348	27.0	0.7	26
MAXIMUM					0.038	0.400	0.004	0.425	0.466	0.304	0.768	99.0	74.0	32
AVG OR GEOM MN (*)					0.026	0.306	0.003	0.159	0.188	0.267	0.455	40.1	13.3	26
MINIMUM					0.016	0.210	0.002	0.100	0.124	0.179	0.348	27.	0.7	23
NO OF SAMPLES					7	8	7	7	7	7	7	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
27 04 78 1115			.3		38	4.40	0.8			
31 05 78 1110			.3		38	1.10	1.1			
27 06 78 1040			.3		44	2.80	1.4			
25 07 78 1310			.3		37		0.7			
29 08 78 0935			.3		40		1.4		6	6.94
27 09 78 1115			.3		50	1.60	2.7		12	2.13
31 10 78 0950			.3		38	1.5	1.5	10.0	6	6.61
29 11 78 1050			.3		39	1.20	1.3			
MAXIMUM					50	4.40	2.7	10.0	12	6.94
AVG OR GEOM MN (*)					40	2.10	1.4	10.0	8	5.23
MINIMUM					37	1.10	0.7	10.0	6	2.13
NO OF SAMPLES					8	6	8	1	3	3

B.O.W./ SITE: MUSKOKA RIVER
SAMPLE POINT: AT DOCK TRANS-CANADA PIPELINE CROSSING
STATION TYPE: RIVER

STATION ID: 03-0085-035-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO: 35 LAT: LONG: U T M: 17 0631700.0 4987100.0 4 REGION: 03 MILEAGE: 39.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
28 03 78 1310			.3		30011	6	28.	2.	2. L	2.0	19.6	0.4	0.003	0.001
24 04 78 1315			.3		30017	6	88.	2. L	2. L	2.8	15.2	0.2	0.004	0.001L
16 05 78 1315			.3		30023	6	212.	4.	2.	10.0	13.2	0.2	0.010	0.002
19 06 78 1325			.3		30029	6	224.	60.	2.	20.0	10.0	0.5	0.007	0.001
24 07 78 1345			.3		30035	6	2700.	80.	16.	24.0	5.6	0.8	0.011	0.001
14 08 78 1400			.3		30041	6	300.	4. L	4. L	26.0	9.2	1.0	0.009	0.002
25 09 78 1230			.3		30047	6	500.	8.	8.	15.0	11.6	0.2	0.010	0.001
30 10 78 1300			.3		30053	6	100. L	4. L	56.	8.5	13.6	0.2	0.004	0.002
20 11 78 1240			.3		30059	6	92.	2.	4.	4.0	13.0	0.4	0.013	0.001
MAXIMUM							2700.	80.	56.	26.0	19.6	1.0	0.013	0.002
AVG OR GEOM MN (*)							196.* D	6.* D	5.* D	12.5	12.3	0.4	0.008	0.001D
MINIMUM							28.	2.	2.	2.0	5.6	0.2	0.003	0.001
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
28 03 78 1310			.3		0.036	0.250	0.003	0.272	0.311	0.214	0.525	32.0	0.8	31
24 04 78 1315			.3		0.044	0.150	0.004	0.445	0.493	0.106	0.599	37.0	8.2	29
16 05 78 1315			.3		0.002	0.25	0.002	0.275	0.279	0.248	0.527	29.	2.7	26
19 06 78 1325			.3		0.022	0.350	0.003	0.235	0.260	0.328	0.588	31.0	1.4	30
24 07 78 1345			.3		0.026	0.290	0.003	0.242	0.271	0.264	0.535	36.0	2.5	34
14 08 78 1400			.3		0.056	0.300	0.003	0.157	0.216	0.244	0.460	32.0	1.6	30
25 09 78 1230			.3		0.020	0.230	0.002	0.210	0.232	0.210	0.442	31.0	0.9	30
30 10 78 1300			.3		0.013	0.23	0.003	0.240	0.256	0.217	0.473	29.	0.6	28
20 11 78 1240			.3		0.018	0.250	0.003	0.271	0.292	0.232	0.524	31.0	0.9	30
MAXIMUM					0.056	0.350	0.004	0.445	0.493	0.328	0.599	37.0	8.2	34
AVG OR GEOM MN (*)					0.026	0.256	0.003	0.261	0.290	0.229	0.519	32.0	2.2	30
MINIMUM					0.002	0.150	0.002	0.157	0.216	0.106	0.442	29.	0.6	26
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
28 03 78 1310			.3		48	0.85	2.5			
24 04 78 1315			.3		45	1.80	2.6			
16 05 78 1315			.3		40	1.3	2.0			
19 06 78 1325			.3		46	0.80	2.4			
24 07 78 1345			.3		52	1.40	2.8		10	6.72
14 08 78 1400			.3		47	1.10	2.6		9	6.95
25 09 78 1230			.3		46	0.90	2.5		9	6.74
30 10 78 1300			.3		43	1.0	2.3	9.5	9	6.64
20 11 78 1240			.3		46	1.00	2.5	10.0	7	6.51
MAXIMUM					52	1.80	2.8	10.0	10	6.95
AVG OR GEOM MN (*)					46	1.13	2.5	9.8	9	6.71
MINIMUM					40	0.80	2.0	9.5	7	6.51
NO OF SAMPLES					9	9	9	2	5	5

```
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS             DATE OF REPORT  25 OCT 79  PAGE   104

                                                                                       STATION ID:  03-0085-036-02
B.O.W./ SITE: PARROT CREEK
SAMPLE POINT: AT HIGHWAY NO 60 EAST OF HUNTSVILLE                                                        STORET CODE: 02
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                      002
                                                        MINOR BASIN: LAKE HURON                                       2980
                                                        TERM STREAM: MUSKOKA RIVER

                                                        U T M: 17 0641300.0 5022000.0 4    REGION: 03       MILEAGE:   68.60
STN NO:     36     LAT:                   LONG:

                                      934        901     444        80          81          84          805        3        1         33
SAMP DTE HOUR  STN   STN SAMP  PJ    SAMPLE       SCD  FLOW CFS    TOTAL       FECAL       M.F.        WATER     DISS.    5-DAY     TOTAL
DY MO YR LMT   DIST  BRG DEPTH          NO                        COLIFORM    COLIFORM    ENTER.       TEMP.      O2       BOD         P
               FEET        MTRS                                   MF/100ML    MF/100ML    MF/100ML     DEG C     MG/L     MG/L      MG/L

21 02 78 1415               .3       30213    2                    36.         2.   L      4.         67.0      11.0      0.2      0.045
27 04 78 1545               .3       30227    6          0.48     540.       322.        124.         22.5       9.0      1.6      0.056
31 05 78 1430               .3       30234    6          1.20   47000.      6700.        300.   G     15.0       9.0      5.0      0.262
27 06 78 1235               .3       30241    6          0.05    1000.       100.        100.         23.0       8.0      1.4      0.104
25 07 78 1500               .3       30248    6          2.40     500.        80.        160.         18.0       9.0      0.5      0.048
29 08 78 1230               .3       30255    0          1.50                                         12.0       9.0      1.2      0.032
27 09 78 1435               .3       30262    6                   360.        88.         12.          7.0      11.0      0.2      0.022
31 10 78 1250               .3       30269    6
29 11 78 1510               .3       30276    2

                       MAXIMUM                           2.40   47000.      6700.        300.         67.0      11.0      5.0      0.262
        AVG OR GEOM MN (*)                               1.13     740.*      120.*  D     55.*  U     23.5       9.4      1.4      0.081
                       MINIMUM                           0.05      36.         2.          4.          7.0       8.0      0.2      0.022

                NO OF SAMPLES                               5        6           6           6           7         7        7          7

                                       34         19         20         21         22          17        18        23        5          6
SAMP DTE HOUR  STN   STN SAMP  PJ   FILTERED   FILTERED     TOTAL    FILTERED   FILTERED     INRGNC     TOTAL   TOTAL N    TOTAL      SUSP.
DY MO YR LMT   DIST  BRG DEPTH      REACTIVE   AMMONIA    KJELDAHL   NO2-N      NO3-N            N   ORGNC  N             SOLIDS     SOLIDS
               FEET        MTRS       P MG/L      MG/L        MG/L   MG/L       MG/L          MG/L       MG/L     MG/L      MG/L       MG/L

27 04 78 1545               .3        0.004      0.010      0.470     0.003      0.145      0.158     0.460     0.618      81.0       42.0
31 05 78 1430               .3        0.008      0.118      0.780     0.013      0.165      0.296     0.662     0.958      75.0       15.0
27 06 78 1235               .3        0.014      0.166      1.340     0.025      0.445      0.636     1.174     1.810     207.0      119.0
25 07 78 1500               .3        0.023      0.820      1.190     0.021      0.265      1.106     0.370     1.476     107.0        6.2
29 08 78 1230               .3        0.008      0.034      0.91      0.008      0.105      0.147     0.876     1.023      53.         7.1
27 09 78 1435               .3        0.006      0.022      0.740     0.006      0.070      0.098     0.718     0.816      66.0        5.0
31 10 78 1250               .3        0.004      0.005      0.48      0.005      0.060      0.070     0.475     0.545      57.         6.

                       MAXIMUM        0.023      0.820      1.340     0.025      0.445      1.106     1.174     1.810     207.0      119.0
        AVG OR GEOM MN (*)            0.010      0.168      0.844     0.012      0.179      0.359     0.676     1.035      92.3       28.6
                       MINIMUM        0.004      0.005      0.470     0.003      0.060      0.070     0.370     0.545      53.         5.0

                NO OF SAMPLES             7          7          7         7          7          7         7         7         7          7

                                      107         14         16         56         59          52        55
SAMP DTE HOUR  STN   STN SAMP  PJ   CALCUL      COND.      TURB.    CHLORIDE   SULPHATE    TOT ALK        PH
DY MO YR LMT   DIST  BRG DEPTH      D-SOLIDS      25C    FORMAZIN      MG/L                 AT LAB    AT LAB
               FEET        MTRS     MG/L        UMHOS      UNITS                   MG/L       MG/L

27 04 78 1545               .3           39         60      15.00       6.1
31 05 78 1430               .3           60         92       6.90      11.5
27 06 78 1235               .3           88        136      58.00      25.0
25 07 78 1500               .3          101        155                 25.5
29 08 78 1230               .3           46         70       5.1        7.4                     12      6.64
27 09 78 1435               .3           61         94       3.00       1.0                     22      7.11
31 10 78 1250               .3           51         79       2.7       11.5        1.0          12      6.48



                       MAXIMUM          101        155      58.00      25.5        1.0          22      7.11
        AVG OR GEOM MN (*)               64         98      15.12      12.6        1.0          15      6.74
                       MINIMUM           39         60       2.7        1.0        1.0          12      6.48

                NO OF SAMPLES             7          7          6         7          1           3         3


                                                                                          STATION ID:  03-0092-001-02
B.O.W./ SITE: MOON RIVER
SAMPLE POINT: HIGHWAY 103 6 MILES NORTH OF JUNCTION    660 AND 103                                      STORET CODE: 02
STATION TYPE: RIVER    FLOW GAUGE FED 02EB011            MAJOR BASIN: GREAT LAKES                                     002
                                                         MINOR BASIN: LAKE HURON                                      3230
                                                         TERM STREAM: MOON RIVER

                                                         U T M: 17 0595650.0 4990450.0 4    REGION: 03      MILEAGE:   10.40
STN NO:      1     LAT:                   LONG:

                                      934        901     444        80          81          84          805        3        1         33
SAMP DTE HOUR  STN   STN SAMP  PJ    SAMPLE       SCD  FLOW CFS    TOTAL       FECAL       M.F.        WATER     DISS.    5-DAY     TOTAL
DY MO YR LMT   DIST  BRG DEPTH          NO                        COLIFORM    COLIFORM    ENTER.       TEMP.      O2       BOD         P
               FEET        MTRS                                   MF/100ML    MF/100ML    MF/100ML     DEG C     MG/L     MG/L      MG/L

12 04 78 1445               .3       36179    6        463.00     128.          4.  L      8.          2.7      14.8      0.4      0.007
10 05 78 1045               .3       35027    6        251.00      20.          4.  L      4.   L      8.2      12.8      0.2
15 06 78 1030               .3       35083    6         88.80      12.          4.         2.   L     17.9      12.8      0.4      0.010
12 07 78 0950               .3       35122    6         21.20       4.          2.  L      2.   L     22.0       8.3      0.4      0.004
23 08 78 1030               .3       35185    6         45.00      40.          2.         4.         23.9      10.9      0.5      0.010
28 09 78 0955               .3       35241    6         47.30      24.          2.  L     34.         13.1       9.6      0.4      0.003
24 10 78 0950               .3       35281    6         43.60     364.          2.        10.          7.0       9.4               0.006
16 11 78 1010               .3       35337    6         85.50     144.          2.  L     12.          5.4      11.1      0.2      0.009
06 12 78 1000               .3       35362    4         90.50     116.          2.  L      8.          2.1      10.9      0.6      0.008

                       MAXIMUM                         463.00     364.          4.        34.         23.9      14.8      0.6      0.010
        AVG OR GEOM MN (*)                             126.21      45.*         3.*  D     6.*  D     11.4      11.2      0.4      0.007
                       MINIMUM                          21.20       4.          2.         2.          2.1       8.3      0.2      0.003

                NO OF SAMPLES                               9        9           9           9           9         9        8          8

                                       34         19         20         21         22          17        18        23        5          6
SAMP DTE HOUR  STN   STN SAMP  PJ   FILTERED   FILTERED     TOTAL    FILTERED   FILTERED     INRGNC     TOTAL   TOTAL N    TOTAL      SUSP.
DY MO YR LMT   DIST  BRG DEPTH      REACTIVE   AMMONIA    KJELDAHL   NO2-N      NO3-N            N   ORGNC  N             SOLIDS     SOLIDS
               FEET        MTRS       P MG/L      MG/L        MG/L   MG/L       MG/L          MG/L       MG/L     MG/L      MG/L       MG/L

12 04 78 1445               .3        0.001L     0.068      0.360     0.005      0.590      0.663     0.292     0.955      38.0        5.8
10 05 78 1045               .3                                                                                           56.0       27.0
15 06 78 1030               .3        0.001L     0.018      0.290     0.003      0.220      0.241     0.272     0.513      34.0        1.1
12 07 78 0950               .3        0.001L     0.010      0.250     0.003      0.187      0.200     0.240     0.440      32.0        1.0
23 08 78 1030               .3        0.001      0.016      0.250     0.003      0.120      0.139     0.234     0.373      31.0        1.5
28 09 78 0955               .3        0.002      0.012      0.270     0.003      0.170      0.185     0.258     0.443      44.0        0.9
24 10 78 0950               .3        0.001      0.010      0.29      0.003      0.200      0.213     0.280     0.493
16 11 78 1010               .3        0.001      0.011      0.360     0.003      0.197      0.211     0.349     0.560      34.0        2.0
06 12 78 1000               .3        0.002      0.026      0.370     0.002      0.178      0.206     0.344     0.550     152.0        2.0

                       MAXIMUM        0.002      0.068      0.370     0.005      0.590      0.663     0.349     0.955     152.0       27.0
        AVG OR GEOM MN (*)            0.001D     0.021      0.305     0.003      0.233      0.257     0.284     0.541      52.6        5.2
                       MINIMUM        0.001      0.010      0.250     0.002      0.120      0.139     0.234     0.373      31.0        0.9

                NO OF SAMPLES             8          8          8         8          8          8         8         8         8          8


                                                                                                              ( C O N T D )
```

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
12 04 78 1445			.3			32	50	1.60	4.0	9.5	2.15			6.34
10 05 78 1045			.3			29	45	3.60						6.48
15 06 78 1030			.3			33	49	0.70	2.8	6.5	1.40			7.64
12 07 78 0950			.3			31	47	0.60	3.0	8.5	1.45			6.75
23 08 78 1030			.3			29	45	0.70	2.9	10.0	1.50			6.87
28 09 78 0955			.3		43		49	1.30	3.0	9.5	1.55			7.07
24 10 78 0950			.3						3.2	9.5	1.6	3.5	8	
16 11 78 1010			.3			32	50	1.30	3.2	9.0	1.50			6.88
06 12 78 1000			.3			150	230	1.50	4.1	9.5	1.65	2.5	81	7.88
MAXIMUM					43	150	230	3.60	4.1	10.0	2.15	3.5	81	7.88
AVG OR GEOM MN (*)					43	48	70	1.41	3.3	9.0	1.60	3.0	45	6.99
MINIMUM					43	29	45	0.60	2.8	6.5	1.40	2.5	8	6.34
NO OF SAMPLES					1	7	8	8	8	8	8	2	2	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
12 04 78 1445			.3		0.300		6.5	22						
10 05 78 1045			.3			1.0L	4.4	19		0.001L	0.03 L	0.02 L	0.01 L	0.03 L
15 06 78 1030			.3		0.170	1.0L	4.0	18		0.001L	0.040	0.020L	0.020	0.030L
12 07 78 0950			.3		0.110	1.0L	3.6	26						
23 08 78 1030			.3		0.080	1.0L	3.8	24	0					
28 09 78 0955			.3		0.100	1.0L	4.2	27	0	0.001	0.020L	0.020L	0.010L	0.030L
24 10 78 0950			.3		0.22					0.001	0.020	0.020L	0.040	0.030L
16 11 78 1010			.3		0.180	1.0L	6.0	66		0.001L		0.020L	0.010L	0.030L
06 12 78 1000			.3		0.200	1.0L	4.8	16	1	0.001L	0.020	0.020L	0.020	0.030L
MAXIMUM					0.300	1.0	6.5	66	1	0.001	0.040	0.02	0.040	0.03
AVG OR GEOM MN (*)					0.170	1.00	4.7	27	0	0.0010	0.026D	0.020D	0.018D	0.0300
MINIMUM					0.080	1.0	3.6	16	0	0.001	0.020	0.02	0.01	0.03
NO OF SAMPLES					8	7	8	8	3	6	5	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
10 05 78 1045			.3		0.005L	0.02	0.02 L
15 06 78 1030			.3		0.005L	0.010L	0.020L
28 09 78 0955			.3		0.005L	0.010L	0.020L
24 10 78 0950			.3		0.005L	0.010	0.020L
16 11 78 1010			.3		0.005L	0.010L	0.020L
06 12 78 1000			.3		0.005L	0.040	0.020L
MAXIMUM					0.005	0.040	0.02
AVG OR GEOM MN (*)					0.005D	0.017D	0.0200
MINIMUM					0.005	0.010	0.02
NO OF SAMPLES					6	6	6

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: OTTER LAKE OUTLET SOUTH OF PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0096-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

STN NO: 2 LAT: LONG: U T M: 17 0582010.0 5016850.0 4 REGION: 05 MILEAGE: 6.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1630			.3		24522	6 8				0.0	13.0	0.2	0.008	0.001L
12 02 78 1600			.3		24564	6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.008	0.001
12 03 78 1600			.3		24606	6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.014	0.001L
13 06 78 1115			.3		21730	8				18.0	8.0			
14 07 78 1430			.3		21731	8 5				22.0	9.0	0.4	0.007	0.001
10 08 78 1330			.3		21732	8 5				24.5	9.0	0.2	0.014	0.001
20 09 78 1315			.3		21733	9 8				18.5	9.0	0.2	0.011	0.001
24 10 78 1340			.3		21734	9 6				9.0	10.0	0.2	0.006	0.002
27 11 78 1330			.3		21735	8 3				3.0	13.0	0.2	0.009	0.002
13 12 78 1430			.3		21736	6 3				0.0	12.0	0.4	0.010	0.001
MAXIMUM							4.	2.	2.	24.5	13.0	0.4	0.014	0.002
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	9.5	10.9	0.2	0.010	0.001D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.006	0.001
NO OF SAMPLES							2	2	2	10	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78 1630			.3		0.030	0.240	0.001	0.134	0.165	0.210	0.375	28.0	0.7	27
12 02 78 1600			.3		0.040	0.250	0.002	0.178	0.220	0.210	0.430	28.0	0.9	27
12 03 78 1600			.3		0.026	0.290	0.001	0.189	0.216	0.264	0.480	28.0	0.4	28
14 07 78 1430			.3		0.020	0.310	0.001	0.005L	0.026	0.290	0.316	39.0	1.1	38
10 08 78 1330			.3		0.016	0.280	0.001	0.005L	0.022	0.264	0.286	42.0	1.6	40
20 09 78 1315			.3		0.018	0.320	0.002	0.015	0.035	0.302	0.337	40.0	0.1L	40
24 10 78 1340			.3		0.012	0.270	0.002	0.060	0.074	0.258	0.332	41.0	2.8	38
27 11 78 1330			.3		0.010	0.280	0.002	0.053	0.065	0.270	0.335	39.0	1.0	38
13 12 78 1430			.3		0.024	0.330	0.001	0.104	0.129	0.306	0.435	35.0	0.3	35
MAXIMUM					0.040	0.330	0.002	0.189	0.220	0.306	0.480	42.0	2.8	40
AVG OR GEOM MN (*)					0.022	0.286	0.001	0.083D	0.106	0.264	0.370	35.6	1.0D	35
MINIMUM					0.010	0.240	0.001	0.005	0.022	0.210	0.286	28.0	0.1	27
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

STATION ID: 03-0096-002-02

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: OTTER LAKE OUTLET SOUTH OF PARRY SOUND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

STN NO: 2 LAT: LONG: U T M: 17 0582010.0 5016850.0 4 REGION: 05 MILEAGE: 6.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
08 01 78 1630			.3		41	1.40	2.1	8.5	0.85	3.5	6	7.15	0.130	13.0
12 02 78 1600			.3		41	0.80	1.8	9.5	0.95	3.4	9	6.25	0.120	14.0
12 03 78 1600			.3		43	1.00	1.7	9.0	1.05	2.9	6	6.53	0.120	14.0
14 07 78 1430			.3		59	0.50	3.3							
10 08 78 1330			.3		62	1.00	3.1							
20 09 78 1315			.3		61	1.00	3.7							
24 10 78 1340			.3		59	1.40	4.3							
27 11 78 1330			.3		58	0.90	3.6							
13 12 78 1430			.3		54	1.00	2.7							
MAXIMUM					62	1.40	4.3	9.5	1.05	3.5	9	7.15	0.130	14.0
AVG OR GEOM MN (*)					53	1.00	2.9	9.0	0.95	3.3	7	6.64	0.123	13.7
MINIMUM					41	0.50	1.7	8.5	0.85	2.9	6	6.25	0.120	13.0
NO OF SAMPLES					9	9	9	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
08 01 78 1630			.3		3.60	0.95	20	0.55	1.80	26	0.001L	0.050L	0.020L	0.020
12 02 78 1600			.3		4.00	0.95	15	0.55	1.60	29	0.001L	0.050L	0.020L	0.040
12 03 78 1600			.3		3.80	1.00	20	0.60	2.70	20	0.001L	0.050L	0.020L	0.020
13 06 78 1115			.3								0.001	0.050L	0.020L	0.010
14 07 78 1430			.3								0.001L	0.100L	0.040L	0.020
10 08 78 1330			.3								0.001L	0.100L	0.040L	0.020
20 09 78 1315			.3								0.002	0.120	0.040L	0.020
24 10 78 1340			.3								0.001L	0.050L	0.020L	0.020
27 11 78 1330			.3								0.001L	0.060	0.020L	0.010L
13 12 78 1430			.3								0.001L	0.060	0.020L	0.010L
MAXIMUM					4.00	1.00	20	0.60	2.70	29	0.002	0.120	0.040	0.040
AVG OR GEOM MN (*)					3.80	0.97	18	0.57	2.03	25	0.001D	0.069D	0.026D	0.019D
MINIMUM					3.60	0.95	15	0.55	1.60	20	0.001	0.050	0.020	0.010
NO OF SAMPLES					3	3	3	3	3	3	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
08 01 78 1630			.3		0.030L	0.005L	0.010L	0.059	0.020L	0.020L
12 02 78 1600			.3		0.030L	0.005L	0.010L	0.068	0.020L	0.020L
12 03 78 1600			.3		0.030L	0.005L	0.010L	0.064	0.020L	0.020L
13 06 78 1115			.3		0.030L	0.005L	0.010L		0.020L	0.020L
14 07 78 1430			.3		0.030L	0.005L	0.010L		0.020L	0.020L
10 08 78 1330			.3		0.030L	0.005L	0.010L		0.020L	0.020L
20 09 78 1315			.3		0.290	0.005L	0.010L		0.030	0.020L
24 10 78 1340			.3		0.110	0.005L	0.010L		0.020L	0.020L
27 11 78 1330			.3		0.030L	0.005L	0.010L		0.020L	0.020L
13 12 78 1430			.3		0.030L	0.005L	0.010L		0.020L	0.020L
MAXIMUM					0.290	0.005	0.010	0.068	0.030	0.020
AVG OR GEOM MN (*)					0.064D	0.005D	0.010D	0.064	0.021D	0.020D
MINIMUM					0.030	0.005	0.010	0.059	0.020	0.020
NO OF SAMPLES					10	10	10	3	10	10

STATION ID: 03-0096-003-01

B.O.W./ SITE: OTTER LAKE
SAMPLE POINT: OTTER LAKE NARROWS SOUTH OF PARRY SOUND
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

STN NO: 3 LAT: LONG: U T M: 17 0582450.0 5015760.0 4 REGION: 05 MILEAGE: 7.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1600			.3		24521	6 8 4				0.0	14.0	0.2	0.001	0.001L
12 02 78 1535			.3		24563	4 6 8	4.	2. L	2. L	0.0	14.0	0.2	0.001	0.001
12 03 78 1530			.3		24605	4 6 8	8.	2. L	2. L	0.0	13.0	0.2	0.011	0.001L
13 06 78 1200			.3		21720	8				18.0	9.0			
17 07 78 1000			.3		21721	8 5				23.0	9.5	0.2	0.003	0.001
10 08 78 1400			.3		21722	8 5				24.5	9.0	0.4	0.009	0.001
20 09 78 1345			.3		21723	8				18.0	9.0	0.2	0.010	0.001
24 10 78 1415			.3		21724	8				8.5	9.0	0.4	0.006	0.001
27 11 78 1415			.3		21725	8 3				3.0	13.0	0.4	0.007	0.001L
13 12 78 1510			.3		21726	6 3				0.0	9.0			
MAXIMUM							8.	2.	2.	24.5	14.0	0.4	0.011	0.001
AVG OR GEOM MN (*)							6.*	2.* D	2.* D	9.5	10.9	0.3	0.006	0.001D
MINIMUM							4.	2.	2.	0.0	9.0	0.2	0.001	0.001
NO OF SAMPLES							2	2	2	10	10	8	8	8

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78 1600			.3		0.030	0.230	0.001	0.124	0.155	0.200	0.355	28.0	0.6	27
12 02 78 1535			.3		0.040	0.240	0.002	0.168	0.210	0.200	0.410	28.0	1.3	27
12 03 78 1530			.3		0.028	0.280	0.001	0.189	0.218	0.252	0.470	29.0	0.6	28
17 07 78 1000			.3		0.016	0.280	0.002	0.037	0.055	0.264	0.319	23.0	2.4	21
10 08 78 1400			.3		0.012	0.260	0.001	0.010	0.023	0.248	0.271	27.0	5.4	22
20 09 78 1345			.3		0.010	0.340	0.003	0.030	0.043	0.330	0.373	37.0	0.8	36
24 10 78 1415			.3		0.008	0.220	0.001	0.060	0.069	0.212	0.281	24.0	0.9	23
27 11 78 1415			.3		0.008	0.280	0.002	0.113	0.123	0.272	0.395	24.0	0.8	23
MAXIMUM					0.040	0.340	0.003	0.189	0.218	0.330	0.470	37.0	5.4	36
AVG OR GEOM MN (*)					0.019	0.266	0.002	0.091	0.112	0.247	0.359	27.5	1.6	26
MINIMUM					0.008	0.220	0.001	0.010	0.023	0.200	0.271	23.0	0.6	21
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
08 01 78 1600			.3		41	1.20	2.1	9.0	0.85	3.7	6	6.57	0.110	13.0
12 02 78 1535			.3		42	0.70	2.6	9.5	1.00	3.9	7	6.21	0.120	14.0
12 03 78 1530			.3		43	1.30	1.8	9.5	1.05	3.1	8	6.50	0.140	14.0
17 07 78 1000			.3		33	0.50	0.7							
10 08 78 1400			.3		35	0.90	0.7							
20 09 78 1345			.3		35	0.70	0.8							
24 10 78 1415			.3		35	0.70	0.8							
27 11 78 1415			.3		35	0.90	0.9							
MAXIMUM					43	1.30	2.6	9.5	1.05	3.9	8	6.57	0.140	14.0
AVG OR GEOM MN (*)					37	0.86	1.3	9.3	0.97	3.6	7	6.43	0.123	13.7
MINIMUM					33	0.50	0.7	9.0	0.85	3.1	6	6.21	0.110	13.0
NO OF SAMPLES					8	8	8	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
08 01 78 1600			.3		3.60	0.95	20	0.55	1.70	48	0.001L	0.120	0.020L	0.020
12 02 78 1535			.3		4.00	0.95	15	0.55	1.80	29	0.001L	0.070	0.020L	0.040
12 03 78 1530			.3		4.00	1.05	20	0.60	3.10	14	0.001L	0.080	0.020L	0.020
13 06 78 1200			.3								0.001L	0.050L	0.020L	0.020
17 07 78 1000			.3								0.001L	0.170	0.040L	0.010L
10 08 78 1400			.3								0.001L	0.170	0.040L	0.010L
20 09 78 1345			.3								0.001	0.050L	0.020L	0.010L
24 10 78 1415			.3								0.001	0.050L	0.020L	0.020
27 11 78 1415			.3								0.001L	0.100	0.020L	0.010L
13 12 78 1510			.3								0.001L	0.050L	0.020L	0.040
MAXIMUM					4.00	1.05	20	0.60	3.10	48	0.001	0.170	0.040	0.040
AVG OR GEOM MN (*)					3.87	0.98	18	0.57	2.20	30	0.001D	0.091D	0.024D	0.020D
MINIMUM					3.60	0.95	15	0.55	1.70	14	0.001	0.050	0.020	0.010
NO OF SAMPLES					3	3	3	3	3	3	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
08 01 78 1600			.3		0.030L	0.005L	0.010L	0.060	0.020L	0.020L
12 02 78 1535			.3		0.030L	0.005L	0.010L	0.066	0.020L	0.020L
12 03 78 1530			.3		0.030L	0.005L	0.010L	0.066	0.020L	0.020L
13 06 78 1200			.3		0.030L	0.005L	0.010L		0.020L	0.020L
17 07 78 1000			.3		0.030L	0.005L	0.010L		0.020L	0.020L
10 08 78 1400			.3		0.030L	0.005L	0.010L		0.020L	0.020L
20 09 78 1345			.3		0.030L	0.005L	0.010L		0.020L	0.020L
24 10 78 1415			.3		0.040	0.005L	0.010L		0.020L	0.020L
27 11 78 1415			.3		0.050	0.005L	0.010		0.020L	0.020L
13 12 78 1510			.3		0.030L	0.005L	0.010L		0.020L	0.020L
MAXIMUM					0.050	0.005	0.010	0.066	0.020	0.020
AVG OR GEOM MN (*)					0.033D	0.005D	0.010D	0.064	0.020D	0.020D
MINIMUM					0.030	0.005	0.010	0.060	0.020	0.020
NO OF SAMPLES					10	10	10	3	10	10

B.O.W./ SITE: MC CURRY LAKE OUTLET
SAMPLE POINT: EMIL STREET PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0097-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MC CURRY LAKE

STORET CODE: 02
002
3710

STN NO: 1 LAT: LONG: U T M: 17 0576800.0 5019950.0 4 REGION: 05 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1520			.3		24520	8 9 0				2.0	4.0	5.5	0.111	0.110
12 02 78 1500			.3		24562	8 9 0	11800.	560.	48.	1.0	5.0	10.0	0.860	0.230
12 03 78 1445			.3		24604	8 9 0	29000.	1100.	300.	2.0	2.0	15.0	1.280	0.205
13 06 78 1420			.3		21700	5 7 0				18.5	5.0	17.0	0.278	0.110
14 07 78 1130			.3		21701	5 8 0				19.5	5.0			
10 08 78 1530			.3		21702	5 8 0				23.0	4.0		0.390	0.120
28 09 78 0915			.3		21703	5 8 9				12.0	4.5	30.0	0.560	0.085
30 10 78 0920			.3		21704	9 6 0				4.0	10.0			
28 11 78 1410			.3		21705	0 9 6				2.0	14.0	2.0	0.283	0.068
21 12 78 1115			.3		21706	0 9				1.0	8.5	9.5	0.690	0.002
MAXIMUM							29000.	1100.	300.	23.0	14.0	30.0	1.280	0.230
AVG OR GEOM MN (*)							18500.*	785.*	120.*	8.5	6.2	12.7	0.557	0.116
MINIMUM							11800.	560.	48.	1.0	2.0	2.0	0.111	0.002
NO OF SAMPLES							2	2	2	10	10	7	8	8

(C O N T D)

STATION ID: 03-0097-001-02

B.O.W./ SITE: MC CURRY LAKE OUTLET
SAMPLE POINT: EMIL STREET PARRY SOUND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MC CURRY LAKE

STORET CODE: 02
002
3710

STN NO: 1 LAT: LONG: U T M: 17 0576800.0 5019950.0 4 REGION: 05 MILEAGE: 0.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
08 01 78	1520			.3		10.000	14.500	0.011	0.039	10.050	4.500	14.550	332.0	14.0	318
12 02 78	1500			.3		1.230	13.300	0.010	0.010	1.250	12.070	13.320	355.0	14.0	341
12 03 78	1445			.3		16.000	20.500	0.015	0.235	16.250	4.500	20.750	366.0	26.0	340
13 06 78	1420			.3		4.860	10.300	0.190	0.290	5.340	5.440	10.780	367.0	12.0	355
10 08 78	1530			.3		0.086	4.000	1.630	1.870	3.586	3.914	7.500			
28 09 78	0915			.3		7.900	7.900	0.091	0.130	8.121	0.000	8.121	334.0	6.6	327
28 11 78	1410			.3		10.500	11.800	0.034	0.430	10.964	1.300	12.264	330.0	7.0	323
21 12 78	1115			.3		11.800	13.500	0.200	0.055	12.055	1.700	13.755	357.0	11.0	346
MAXIMUM						16.000	20.500	1.630	1.870	16.250	12.070	20.750	367.0	26.0	355
AVG OR GEOM MN (*)						7.797	11.975	0.273	0.382	8.452	4.178	12.630	348.7	12.9	336
MINIMUM						0.086	4.000	0.010	0.010	1.250	0.000	7.500	330.0	6.6	318
NO OF SAMPLES						8	8	8	8	8	8	8	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
08 01 78	1520			.3		620	8.60	113.0	37.5	3.10	6.94	3.800			52
12 02 78	1500			.3		650	16.00	130.0	3.2	3.15	6.69	6.200			53
12 03 78	1445			.3		680	19.00	133.0	22.0	3.10	7.02	7.700		22.0	60
13 06 78	1420			.3		640	8.80	140.0	20.0	2.85	7.27	1.900	1.0	6.9	51
14 07 78	1130			.3										6.9	51
10 08 78	1530			.3				128.0	10.5	2.90		1.300		6.9	51
28 09 78	0915			.3		590	2.90	113.0	14.0	3.60	6.73	0.700	1.0	8.0	
30 10 78	0920			.3										8.0	
28 11 78	1410			.3		590	7.10	110.0	24.0	3.50	7.51	2.200		9.2	
21 12 78	1115			.3		680	5.20	157.0	27.5	4.05	7.10	3.000		7.0	
MAXIMUM						680	19.00	157.0	37.5	4.05	7.51	7.700	1.0	22.0	60
AVG OR GEOM MN (*)						636	9.66	128.0	19.8	3.28	7.04	3.350	1.0	9.4	53
MINIMUM						590	2.90	110.0	3.2	2.85	6.69	0.700	1.0	6.9	51
NO OF SAMPLES						7	7	8	8	8	7	8	2	8	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
13 06 78	1420			.3		0.001	0.040	0.020L	0.010	0.030L	0.005L	0.010L	0.020L
14 07 78	1130			.3		0.001	0.040	0.020L	0.010	0.030L	0.005L	0.010L	0.020L
10 08 78	1530			.3		0.001	0.040	0.020L	0.010	0.030L	0.005L	0.010L	0.020L
28 09 78	0915			.3		0.001L	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
30 10 78	0920			.3		0.001L	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
21 12 78	1115			.3		0.001L	0.040	0.020L	0.040	0.030L	0.005L	0.020	0.020L
MAXIMUM						0.001	0.040	0.020	0.040	0.030	0.005	0.020	0.020
AVG OR GEOM MN (*)						0.001D	0.033D	0.020D	0.015D	0.030D	0.005D	0.012D	0.020D
MINIMUM						0.001	0.020	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES						6	6	6	6	6	6	6	6

STATION ID: 03-0098-001-02

B.O.W./ SITE: SEGUIN RIVER
SAMPLE POINT: AT HIGHWAY 69B PARRY SOUND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEGUIN RIVER

STORET CODE: 02
002
3720

STN NO: 1 LAT: LONG: U T M: 17 0575875.0 5021350.0 4 REGION: 05 MILEAGE: 0.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78	1450			.3		24519	4 6 8				0.0	11.0	0.5	0.004	0.001L
12 02 78	1430			.3		24561	4 6 8	12.	4. L	4. L	0.0	12.0	0.2	0.001	0.001
12 03 78	1420			.3		24603	4 6 8	40.	2. L	2. L	0.0	12.0	0.2	0.016	0.001
13 06 78	1325			.3		21710	8 5				16.5	10.0			
14 07 78	1230			.3		21711	8 5				21.5	8.5	0.5	0.009	0.001
10 08 78	1445			.3		21712	6						0.2	0.028	0.001
28 09 78	0945			.3		21713	8 9				12.5	8.0	0.2	0.006	0.001
30 10 78	0850			.3		21714	6				7.0	9.0	0.4		
28 11 78	1320			.3		21715	6				2.0	13.0	0.4	0.006	0.002
21 12 78	1015			.3		21716					0.0	10.5	0.4	0.015	0.002
MAXIMUM								40.	4.	4.	21.5	13.0	0.5	0.028	0.002
AVG OR GEOM MN (*)								22.*	3.* D	3.* D	6.6	10.4	0.3	0.011	0.001D
MINIMUM								12.	2.	2.	0.0	8.0	0.2	0.001	0.001
NO OF SAMPLES								2	2	2	9	9	9	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
08 01 78	1450			.3		0.044	0.350	0.002	0.183	0.229	0.306	0.535	30.0	0.9	
12 02 78	1430			.3		0.062	0.340	0.004	0.226	0.292	0.278	0.570	28.0	1.0	
12 03 78	1420			.3		0.042	0.420	0.003	0.272	0.317	0.378	0.695	32.0	1.0	
14 07 78	1230			.3		0.030	0.360	0.004	0.195	0.229	0.330	0.559	29.0	1.1	
10 08 78	1445			.3		0.016	0.330	0.002	0.170	0.188	0.314	0.502	43.0	13.0	
28 09 78	0945			.3		0.018	0.280	0.003	0.190	0.211	0.262	0.473	31.0	0.7	
30 10 78	0850			.3									259.0	6.0	253
28 11 78	1320			.3		0.015	0.300	0.003	0.292	0.310	0.285	0.595	30.0	0.5	
21 12 78	1015			.3		0.032	0.410	0.003	0.272	0.307	0.378	0.685	31.0	0.7	
MAXIMUM						0.062	0.420	0.004	0.292	0.317	0.378	0.695	259.0	13.0	253
AVG OR GEOM MN (*)						0.032	0.349	0.003	0.225	0.260	0.316	0.577	57.0	2.8	253
MINIMUM						0.015	0.280	0.002	0.170	0.188	0.262	0.473	28.0	0.5	253
NO OF SAMPLES						8	8	8	8	8	8	8	9	9	1

(C O N T D)

```
                                       107        14        16        56        59       280        95        52        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS     MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L

08 01 78 1450              .3           29        44      1.60       2.3       8.5      1.50       4.7         8      6.22     0.310
12 02 78 1430              .3           27        41      1.40       3.2       9.0      1.60       3.1         7      6.57     0.350
12 03 78 1420              .3           31        48      1.60       3.6       9.5      1.75       3.1        10      6.90     0.380
14 07 78 1230              .3           28        43      0.50       2.3
10 08 78 1445              .3           30        46      1.20       2.8
28 09 78 0945              .3           30        46      0.80       2.5
30 10 78 0850              .3                    440      1.40                                                         6.90
28 11 78 1320              .3           29        44      1.30       2.6
21 12 78 1015              .3           30        46      0.90       3.1

                      MAXIMUM           31       440      1.60       3.6       9.5      1.75       4.7        10      6.90     0.380
           AVG OR GEOM MN (*)           29        89      1.19       2.8       9.0      1.62       3.6         8      6.65     0.347
                      MINIMUM           27        41      0.50       2.3       8.5      1.50       3.1         7      6.22     0.310

                NO OF SAMPLES            8         9         9         8         3         3         3         3         4         3

                                        76        72        74        68        67        66        47        41       265       203
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM   ORGANIC       COD     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA    C AS C             ARSENIC  ALUMINUM
               FEET      MTRS         MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 01 78 1450              .3         14.0      4.20      0.90        50      0.60      2.20                  38    0.001L     0.140
12 02 78 1430              .3         15.0      4.40      0.90        50      0.55      1.60                  27    0.001L    0.050L
12 03 78 1420              .3         14.0      4.40      0.85        50      0.50      2.60                  37    0.001L     0.270
13 06 78 1325              .3                                                                                       0.001     0.070
14 07 78 1230              .3                                                                                       0.001     0.070
10 08 78 1445              .3                                                                                       0.001     0.070
28 09 78 0945              .3                                                                                       0.001    0.100L
30 10 78 0850              .3                                                                   5.5                0.001L      0.14
28 11 78 1320              .3                                                                                      0.001L     0.080
21 12 78 1015              .3                                                                                      0.001L     0.070

                      MAXIMUM         15.0      4.40      0.90        50      0.60      2.60       5.5        38     0.001     0.270
           AVG OR GEOM MN (*)         14.3      4.33      0.88        50      0.55      2.13       5.5        34    0.001D    0.106D
                      MINIMUM         14.0      4.20      0.85        50      0.50      1.60       5.5        27     0.001     0.050

                NO OF SAMPLES            3         3         3         3         3         3         1         3        10        10

                                       221       225       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 01 78 1450              .3       0.020L     0.020    0.030L    0.005L    0.010L     0.029    0.020L    0.020L
12 02 78 1430              .3       0.020L     0.030    0.030L    0.005L    0.010L     0.034    0.020L    0.020L
12 03 78 1420              .3       0.020L     0.040    0.030L    0.005L    0.010L     0.028    0.020L    0.020L
13 06 78 1325              .3       0.020L    0.010L    0.030L    0.005L    0.010L              0.020L    0.020L
14 07 78 1230              .3       0.020L    0.010L    0.030L    0.005L    0.010L              0.020L    0.020L
10 08 78 1445              .3       0.020L    0.010L    0.030L    0.005L    0.010L              0.020L    0.020L
28 09 78 0945              .3       0.040L    0.010L    0.030L    0.005L    0.010L              0.020L    0.020L
30 10 78 0850              .3       0.02 L      0.01    0.03 L    0.005L    0.01 L              0.02 L    0.02 L
28 11 78 1320              .3       0.020L     0.020    0.030L    0.005L    0.010L              0.020L     0.020
21 12 78 1015              .3       0.020L     0.040    0.030L    0.005L    0.010L              0.020L    0.020L





                      MAXIMUM        0.040     0.040     0.030     0.005     0.010     0.034     0.020     0.020
           AVG OR GEOM MN (*)       0.022D    0.020D    0.030D    0.005D    0.010D     0.030    0.020D    0.020D
                      MINIMUM        0.020     0.010     0.030     0.005     0.010     0.028     0.020     0.020

                NO OF SAMPLES           10        10        10        10        10         3        10        10


B.O.W./ SITE: SHAWANAGA RIVER                                                              STATION ID:  03-0115-001-02
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER    FLOW GAUGE FED 02EA012             MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                    002
                                                          TERM STREAM: SHAWANAGA RIVER                               4190

STN NO:      1     LAT:               LONG:                 U T M: 17 0555850.0 5044050.0 4    REGION: 05          MILEAGE:     5.60

                                       934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

08 01 78 1415              .3        24518    6 8         103.00                                   0.0      12.0       0.2     0.008
12 02 78 1400              .3        24560    6 8          54.50       44.     4.  L     4.  L       0.0      11.0       0.2     0.001
12 03 78 1350              .3        24602    6 8          37.00        4.     2.  L     2.  L       0.0      11.0       0.2     0.018

                      MAXIMUM                             103.00       44.        4.        4.      0.00      12.0       0.2     0.018
           AVG OR GEOM MN (*)                              64.83       13.*    3.* D     3.* D       0.0      11.3       0.2     0.009
                      MINIMUM                              37.00        4.        2.        2.       0.0      11.0       0.2     0.001

                NO OF SAMPLES                                  3         2         2         2         3         3         3         3

                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

08 01 78 1415              .3        0.001     0.068     0.420     0.002     0.053     0.123     0.352     0.475      25.0       1.6
12 02 78 1400              .3        0.001     0.106     0.350     0.004     0.056     0.166     0.244     0.410      24.0       1.2
12 03 78 1350              .3       0.001L     0.108     0.490     0.003     0.102     0.213     0.382     0.595      24.0       1.3

                      MAXIMUM        0.001     0.108     0.490     0.004     0.102     0.213     0.382     0.595      25.0       1.6
           AVG OR GEOM MN (*)       0.001D     0.094     0.420     0.003     0.070     0.167     0.326     0.493      24.3       1.4
                      MINIMUM        0.001     0.068     0.350     0.002     0.053     0.123     0.244     0.410      24.0       1.2

                NO OF SAMPLES            3         3         3         3         3         3         3         3         3         3

                                       107        14        16        56        59       280        95        52        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS     MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L

08 01 78 1415              .3           23        35      1.00       2.1       8.5      1.35       6.3         5      6.45     0.330
12 02 78 1400              .3           23        35      1.00       1.5       9.0      1.55       5.0         6      5.89     0.350
12 03 78 1350              .3           23        36      1.40       1.6       9.5      1.65       4.1         5      6.40     0.410

                      MAXIMUM           23        36      1.40       2.1       9.5      1.65       6.3         6      6.45     0.410
           AVG OR GEOM MN (*)           23        35      1.13       1.7       9.0      1.52       5.1         5      6.25     0.363
                      MINIMUM           23        35      1.00       1.5       8.5      1.35       4.1         5      5.89     0.330

                NO OF SAMPLES            3         3         3         3         3         3         3         3         3         3
```

(CONTD)

B.O.W./ SITE: SHAWANAGA RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER FLOW GAUGE FED 02EA012

STATION ID: 03-0115-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SHAWANAGA RIVER
STORET CODE: 02
002
4190

STN NO: 1 LAT: LONG: U T M: 17 0555850.0 5044050.0 4 REGION: 05 MILEAGE: 5.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
08 01 78	1415			.3		11.0	3.40	0.70	50	0.45	1.70	42	0.001L	0.100	0.020L
12 02 78	1400			.3		12.0	3.30	0.75	50	0.45	1.50	40	0.001L	0.100	0.020L
12 03 78	1350			.3		12.0	3.60	0.85	50	0.45	1.60	20	0.001L	0.140	0.020L
MAXIMUM						12.0	3.60	0.85	50	0.45	1.70	42	0.001	0.140	0.020
AVG OR GEOM MN (*)						11.7	3.43	0.77	50	0.45	1.60	34	0.001D	0.113	0.020D
MINIMUM						11.0	3.30	0.70	50	0.45	1.50	20	0.001	0.100	0.020
NO OF SAMPLES						3	3	3	3	3	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
08 01 78	1415			.3		0.020	0.030L	0.005L	0.060	0.041	0.020L	0.020L
12 02 78	1400			.3		0.030	0.030L	0.005L	0.010L	0.043	0.020L	0.020L
12 03 78	1350			.3		0.010L	0.030L	0.005L	0.010L	0.040	0.020L	0.020L
MAXIMUM						0.030	0.030	0.005	0.060	0.043	0.020	0.020
AVG OR GEOM MN (*)						0.020D	0.030D	0.005D	0.027D	0.041	0.020D	0.020D
MINIMUM						0.010	0.030	0.005	0.010	0.040	0.020	0.020
NO OF SAMPLES						3	3	3	3	3	3	3

B.O.W./ SITE: NAISCOOT RIVER
SAMPLE POINT: AT HIGHWAY 529 8 MILES NORTH OF JUCTION 529 AND 69
STATION TYPE: RIVER

STATION ID: 03-0120-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NAISCOOT RIVER
STORET CODE: 02
002
4650

STN NO: 1 LAT: LONG: U T M: 17 0540275.0 5057550.0 4 REGION: 05 MILEAGE: 5.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78	1340			.3		24517	4 6 8				0.0	12.0	0.2	0.008	0.006
12 02 78	1315			.3		24559	4 6 8	36.	4. L	4. L	0.0	12.0	0.2	0.005	0.001
12 03 78	1305			.3		24601	6 8	4. L	2. L	2. L	0.0	11.0	0.2	0.016	0.001L
MAXIMUM								36.	4.	4.	0.00	12.0	0.2	0.016	0.006
AVG OR GEOM MN (*)								12.* D	3.* D	3.* D	0.0	11.7	0.2	0.010	0.003D
MINIMUM								4.	2.	2.	0.0	11.0	0.2	0.005	0.001
NO OF SAMPLES								2	2	2	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78	1340			.3		0.092	0.370	0.002	0.053	0.147	0.278	0.425	24.0	1.1	23
12 02 78	1315			.3		0.094	0.420	0.004	0.056	0.154	0.326	0.480	24.0	0.7	23
12 03 78	1305			.3		0.122	0.480	0.003	0.102	0.227	0.358	0.585	24.0	0.9	23
MAXIMUM						0.122	0.480	0.004	0.102	0.227	0.358	0.585	24.0	1.1	23
AVG OR GEOM MN (*)						0.103	0.423	0.003	0.070	0.176	0.321	0.497	24.0	0.9	23
MINIMUM						0.092	0.370	0.002	0.053	0.147	0.278	0.425	24.0	0.7	23
NO OF SAMPLES						3	3	3	3	3	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
08 01 78	1340			.3		35	1.30	1.8	8.5	1.40	5.0	6	6.35	0.320	12.0
12 02 78	1315			.3		36	1.00	1.6	9.5	1.55	4.4	7	5.90	0.360	12.0
12 03 78	1305			.3		36	1.90	1.3	9.0	1.65	3.2	5	6.62	0.430	13.0
MAXIMUM						36	1.90	1.8	9.5	1.65	5.0	7	6.62	0.430	13.0
AVG OR GEOM MN (*)						36	1.40	1.6	9.0	1.53	4.2	6	6.29	0.370	12.3
MINIMUM						35	1.00	1.3	8.5	1.40	3.2	5	5.90	0.320	12.0
NO OF SAMPLES						3	3	3	3	3	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
08 01 78	1340			.3		3.40	0.75	50	0.45	1.50	32	0.001L	0.120	0.020L	0.020
12 02 78	1315			.3		3.60	0.75	50	0.50	1.50	40	0.003	0.070	0.020L	0.030
12 03 78	1305			.3		3.60	0.90	50	0.45	1.30	24	0.001L	0.160	0.020L	0.010L
MAXIMUM						3.60	0.90	50	0.50	1.50	40	0.003	0.160	0.020	0.030
AVG OR GEOM MN (*)						3.53	0.80	50	0.47	1.43	32	0.002D	0.117	0.020D	0.020D
MINIMUM						3.40	0.75	50	0.45	1.30	24	0.001	0.070	0.020	0.010
NO OF SAMPLES						3	3	3	3	3	3	3	3	3	3

(C O N T D)

```
                                               229        215        249        201        238        217
SAMP DTE HOUR  STN  STN SAMP  PJ            TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH                LEAD    CADMIUM       ZINC         MN     NICKEL     COBALT
               FEET      MTRS                MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

08 01 78 1340              .3             0.030L     0.005L     0.010L     0.041      0.020L     0.020L
12 02 78 1315              .3             0.030L     0.005L     0.010L     0.044      0.020L     0.020L
12 03 78 1305              .3             0.030L     0.005L     0.010L     0.040      0.020L     0.020L

                      MAXIMUM             0.030      0.005      0.010      0.044      0.020      0.020
           AVG OR GEOM MN (*)             0.030D     0.005D     0.010D     0.042      0.020D     0.020D
                      MINIMUM             0.030      0.005      0.010      0.040      0.020      0.020

               NO OF SAMPLES                  3          3          3          3          3          3


 B.O.W./ SITE: MAGNETAWAN RIVER                                                               STATION ID:  03-0124-001-02
 SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM HIGHWAY NO 11
 STATION TYPE: RIVER   FLOW GAUGE FED 02EA006          MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                         002
                                                       TERM STREAM: MAGNETAWAN RIVER                                   4910

STN NO:     1    LAT:             LONG:               U T M: 17 0623950.0 5053050.0 4    REGION: 05            MILEAGE:   74.80

                                              934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ           SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH                  NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
               FEET      MTRS                                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

12 02 78 1140              .3               24556    4 6 8     171.00     4.  L     2.  L     2.  L       0.0      13.0      31.0     0.005
25 04 78 1900              .3               23366    6        1070.00                                     4.0       6.0       0.8     0.004
21 05 78 1900              .3               23373    6         917.00                                    15.0       7.5       0.4     0.016
25 06 78 1510              .3               23403    6 0        75.00                                    20.0       8.0       1.4     0.010
14 07 78 1700              .3               23418    6          90.90                                    23.0       7.0       0.2     0.008
07 08 78 1515              .3               23439    6         105.00                                    22.0       7.0       0.2     0.016
04 09 78 1500              .3               23457    6         228.00                                    19.0       7.0       1.0     0.006
15 10 78 1000              .3               23474    6         513.00                                     9.0       7.0       0.8     0.031
12 11 78 1330              .3               23492    6         225.00                                     6.0       7.0       1.6     0.014
03 12 78 1445              .3               23510    6 4       384.00                                     1.0                 0.6     0.010

                      MAXIMUM                                 1070.00     4.        2.        2.         23.0      13.0      31.0     0.031
           AVG OR GEOM MN (*)                                  377.89     4.* D     2.* D     2.* D      11.9       7.7       3.8     0.012
                      MINIMUM                                   75.00     4.        2.        2.          0.0       6.0       0.2     0.004

               NO OF SAMPLES                                       10         1         1         1        10         9        10        10

                                               34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ         FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH            REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N             SOLIDS    SOLIDS
               FEET      MTRS              P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

12 02 78 1140              .3               0.003     0.042     0.290     0.002     0.013     0.057     0.248     0.305      55.0       0.7
25 04 78 1900              .3               0.001     0.038     0.430     0.004     0.295     0.337     0.392     0.729      37.0       8.1
21 05 78 1900              .3               0.003     0.024     0.280     0.003     0.215     0.242     0.256     0.498      33.0       5.7
25 06 78 1510              .3               0.001     0.022     0.440     0.004     0.135     0.161     0.418     0.579      33.0       2.0
14 07 78 1700              .3               0.001     0.034     0.370     0.004     0.116     0.154     0.336     0.490      34.0       2.1
07 08 78 1515              .3               0.001     0.034     0.580     0.003     0.072     0.109     0.546     0.655      34.0       2.0
04 09 78 1500              .3               0.001     0.034     0.450     0.003     0.045     0.082     0.416     0.498      34.0       2.4
15 10 78 1000              .3               0.001     0.055     0.950     0.003     0.100     0.158     0.895     1.053      35.0       3.9




12 11 78 1330              .3               0.002     0.022     0.670     0.003     0.147     0.172     0.648     0.820      31.0       1.0
03 12 78 1445              .3               0.001     0.024     0.410     0.002     0.163     0.189     0.386     0.575      31.0       2.0

                      MAXIMUM               0.003     0.055     0.950     0.004     0.295     0.337     0.895     1.053      55.0       8.1
           AVG OR GEOM MN (*)               0.002     0.033     0.487     0.003     0.130     0.166     0.454     0.620      35.7       3.0
                      MINIMUM               0.001     0.022     0.280     0.002     0.013     0.057     0.248     0.305      31.0       0.7

               NO OF SAMPLES                   10        10        10        10        10        10        10        10        10        10

                                              107        14        16        56        59       280        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ         CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH            D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON
               FEET      MTRS            MG/L         UMHOS     UNITS                MG/L  SI MG/L                 MG/L

12 02 78 1140              .3                  54        83      1.70       2.6      14.5      0.70      6.92     0.120
25 04 78 1900              .3                  29        44      3.40       1.4
21 05 78 1900              .3                  27        42      1.70       1.4
25 06 78 1510              .3                  31        49      1.60       1.9
14 07 78 1700              .3                  32        50      1.50       2.2
07 08 78 1515              .3                  32        50      1.40       2.5
04 09 78 1500              .3                  32        49      1.90       1.7
15 10 78 1000              .3                  31        47      1.70       2.4
12 11 78 1330              .3                  30        47      1.60       1.9
03 12 78 1445              .3                  29        44      1.50       1.8

                      MAXIMUM                  54        83      3.40       2.6      14.5      0.70      6.92     0.120
           AVG OR GEOM MN (*)                  33        50      1.80       2.0      14.5      0.70      6.92     0.120
                      MINIMUM                  27        42      1.40       1.4      14.5      0.70      6.92     0.120

               NO OF SAMPLES                   10        10        10        10         1         1         1         1


 B.O.W./ SITE: MAGNETAWAN RIVER                                                               STATION ID:  03-0124-002-02
 SAMPLE POINT: AT YOUNG STREET BRIDGE BURKS FALLS
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                         002
                                                       TERM STREAM: MAGNETAWAN RIVER                                   4910

STN NO:     2    LAT:             LONG:               U T M: 17 0625000.0 5053200.0 4    REGION: 05            MILEAGE:   79.00

                                              934       901       805         3         1        33        34        19        20        21
SAMP DTE HOUR  STN  STN SAMP  PJ           SAMPLE       SCD     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH                  NO                TEMP.        O2       BOD         P  REACTIVE  AMMONIA   KJELDAHL  NO2-N
               FEET      MTRS                                    DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L      MG/L  MG/L

25 04 78 1930              .3               23367    6            4.0       7.5       1.2     0.026     0.001     0.032     0.440     0.004
21 05 78 1930              .3               23374    6           15.0       8.0       0.2     0.021     0.001     0.022     0.320     0.002
25 06 78 1440              .3               23402    6           20.0       8.0       1.4     0.011     0.001     0.016     0.390     0.004
14 07 78 1730              .3               23417    6           23.0       7.5       0.4     0.016     0.001     0.030     0.590     0.005
07 08 78 1445              .3               23438    6           22.0       6.0       0.6     0.013     0.001     0.044     0.380     0.003
04 09 78 1440              .3               23456    6           19.0       7.0       1.2     0.010     0.002     0.050     0.550     0.005
15 10 78 1030              .3               23475    6            9.0       5.0       0.6     0.011     0.001     0.017     0.620     0.002
12 11 78 1400              .3               23493    6            6.0       7.0       0.6     0.015     0.001     0.018     0.390     0.003
03 12 78 1500              .3               23511    6 4          1.0                 0.6     0.011     0.004     0.034     0.410     0.002

                      MAXIMUM                                    23.0       8.0       1.4     0.026     0.004     0.050     0.620     0.005
           AVG OR GEOM MN (*)                                    13.2       7.0       0.8     0.015     0.001     0.029     0.454     0.003
                      MINIMUM                                     1.0       5.0       0.2     0.010     0.001     0.016     0.320     0.002

               NO OF SAMPLES                                        9         8         9         9         9         9         9         9

                                                                                                                         ( C O N T D )
```

STATION ID: 03-0124-002-02

B.O.W./ SITE: MAGNETAWAN RIVER
SAMPLE POINT: AT YOUNG STREET BRIDGE BURKS FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAGNETAWAN RIVER

STORET CODE: 02
002
4910

STN NO: 2 LAT: LONG: U T M: 17 0625000.0 5053200.0 4 REGION: 05 MILEAGE: 79.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 04 78	1930			.3		0.335	0.371	0.408	0.779	36.0	7.4	29	45	3.30	1.6
21 05 78	1930			.3		0.210	0.234	0.298	0.532	66.0	40.0	26	40	1.80	1.6
25 06 78	1440			.3		0.140	0.160	0.374	0.534	33.0	3.5	30	46	1.70	1.4
14 07 78	1730			.3		0.107	0.142	0.560	0.702	36.0	2.0	34	52	1.30	2.7
07 08 78	1445			.3		0.087	0.134	0.336	0.470	38.0	2.0	36	55	1.80	3.5
04 09 78	1440			.3		0.040	0.095	0.500	0.595	38.0	3.8	34	52	2.00	1.8
15 10 78	1030			.3		0.095	0.114	0.603	0.717	33.0	3.8	29	44	1.90	1.7
12 11 78	1400			.3		0.142	0.163	0.372	0.535	33.0	3.0	30	46	1.70	2.0
03 12 78	1500			.3		0.173	0.209	0.376	0.585	30.0	2.0	28	43	1.30	1.9
MAXIMUM						0.335	0.371	0.603	0.779	66.0	40.0	36	55	3.30	3.5
AVG OR GEOM MN (*)						0.148	0.180	0.425	0.605	38.1	7.5	31	47	1.87	2.0
MINIMUM						0.040	0.095	0.298	0.470	30.0	2.0	26	40	1.30	1.4
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

STATION ID: 03-0124-003-02

B.O.W./ SITE: MAGNETAWAN RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER FLOW GAUGE FED 02EA011

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAGNETAWAN RIVER

STORET CODE: 02
002
4910

STN NO: 3 LAT: LONG: U T M: 17 0539100.0 5068900.0 4 REGION: 05 MILEAGE: 6.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
08 01 78	1300			.3		24516	6 8	1400.00				0.0	13.0	0.4	0.002
12 02 78	1245			.3		24558	6 8	876.00	36.	4. L	4. L	0.0	13.0		0.004
12 03 78	1215			.3		24600	6 8	738.00	8.	2. L	2. L	0.0	13.0	0.2	0.020
06 06 78	1200			.3		21770	8	1090.00				17.0	9.0	0.2	0.029
13 07 78	1330			.3		21771	8	322.00				21.0	9.0	0.2	0.006
09 08 78	1345			.3		21772	8	236.00				22.5	9.0		0.012
13 09 78	1625			.3		21773	8	586.00				18.0	8.0	0.2	0.002
23 10 78	1500			.3		21774	8	1390.00				9.0	10.5	0.2	0.009
14 11 78	1615			.3		21775	8	1050.00				6.5	11.0	0.2	0.008
18 12 78	1455			.3		21776		1540.00				0.0	12.0	0.4	0.009
MAXIMUM								1540.00	36.	4.	4.	22.5	13.0	0.4	0.029
AVG OR GEOM MN (*)								922.80	17.*	3.* D	3.* D	9.4	10.8	0.3	0.010
MINIMUM								236.00	8.	2.	2.	0.0	8.0	0.2	0.002
NO OF SAMPLES								10	2	2	2	10	10	8	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
08 01 78	1300			.3		0.001L	0.034	0.340	0.003	0.137	0.174	0.306	0.480	30.0	1.3
12 02 78	1245			.3		0.001L	0.062	0.340	0.003	0.042	0.107	0.278	0.385	31.0	0.9
12 03 78	1215			.3		0.001L	0.046	0.330	0.002	0.203	0.251	0.284	0.535	30.0	0.9
06 06 78	1200			.3		0.001	0.020	0.310	0.003	0.265	0.288	0.290	0.578	31.0	1.1
13 07 78	1330			.3		0.002	0.026	0.330	0.003	0.147	0.176	0.304	0.480	29.0	1.5
09 08 78	1345			.3		0.002	0.016	0.340	0.004	0.100	0.120	0.324	0.444		
13 09 78	1625			.3		0.001L	0.012	0.260	0.002	0.095	0.109	0.248	0.357	30.0	0.5
23 10 78	1500			.3		0.001	0.014	0.280	0.003	0.180	0.197	0.266	0.463	30.0	1.2
14 11 78	1615			.3		0.002	0.012	0.270	0.002	0.193	0.207	0.258	0.465	31.0	0.8
18 12 78	1455			.3		0.001	0.024	0.350	0.002	0.153	0.179	0.326	0.505	28.0	0.4
MAXIMUM						0.002	0.062	0.350	0.004	0.265	0.288	0.326	0.578	31.0	1.5
AVG OR GEOM MN (*)						0.001D	0.027	0.315	0.003	0.152	0.181	0.288	0.469	30.0	1.0
MINIMUM						0.001	0.012	0.260	0.002	0.042	0.107	0.248	0.357	28.0	0.4
NO OF SAMPLES						10	10	10	10	10	10	10	10	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
08 01 78	1300			.3		29	44	1.60	1.9	9.5	1.00	6.36	0.260		42
12 02 78	1245			.3		30	46	1.20	2.1	5.0	2.10	6.30	0.290		42
12 03 78	1215			.3		29	45	1.40	1.9	10.0	2.25	6.52	0.290	9.0	16
06 06 78	1200			.3		30	46	1.00	1.7	9.0	1.75	6.47	0.180	4.7	24
13 07 78	1330			.3		27	42	0.60	1.7	8.0	1.20	6.61	0.170	4.9	
09 08 78	1345			.3					1.8	8.5	1.20		0.080	4.9	
13 09 78	1625			.3		29	45	0.90	1.7	8.5	1.05	7.24	0.040	4.8	15
23 10 78	1500			.3		29	45	1.50	1.9	9.5	1.05	7.24	0.100	8.1	
14 11 78	1615			.3		30	47	1.00	1.9	8.5	1.35	7.24	0.220	5.8	
18 12 78	1455			.3		28	43	1.00	1.9	9.0	0.85	6.72	0.230	6.0	
MAXIMUM						30	47	1.60	2.1	10.0	2.25	7.24	0.290	9.0	42
AVG OR GEOM MN (*)						29	45	1.13	1.8	8.6	1.47	6.74	0.186	6.0	28
MINIMUM						27	42	0.60	1.7	5.0	0.85	6.30	0.040	4.7	15
NO OF SAMPLES						9	9	9	10	10	10	9	10	8	5

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
06 06 78 1200			.3		0.001L	0.090		0.020L	0.060	0.030L	0.005L	0.010	0.020L	
13 07 78 1330			.3		0.001L		0.050L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L	0.020L
09 08 78 1345			.3		0.001L		0.050L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L	0.020L
18 12 78 1455			.3		0.001L	0.020L		0.020L	0.020L	0.030L	0.005L	0.010L	0.020	
MAXIMUM					0.001	0.090	0.050	0.020	0.060	0.030	0.005	0.010	0.020	0.020
AVG OR GEOM MN (*)					0.001D	0.055D	0.050D	0.020D	0.025D	0.030D	0.005D	0.010D	0.020D	0.020D
MINIMUM					0.001	0.020	0.050	0.020	0.010	0.030	0.005	0.010	0.020	0.020
NO OF SAMPLES					4	2	2	4	4	4	4	4	4	2

B.O.W./ SITE: BERNARD CREEK
SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM SUNDRIDGE LAGOON
STATION TYPE: RIVER

STATION ID: 03-0124-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAGNETAWAN RIVER
STORET CODE: 02
002
4910

STN NO: 4 LAT: LONG: U T M: 17 0622450.0 5062900.0 4 REGION: 05 MILEAGE: 82.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
25 04 78 2030			.3		23368	6	5.0	5.0	0.6	0.020	0.002	0.008	0.390	0.003
21 05 78 2030			.3		23375	6	13.0	8.0	0.2	0.013	0.007	0.028	0.270	0.002
25 06 78 1550			.3		23404	6	19.0	7.0	0.4	0.006	0.001	0.018	0.280	0.002
14 07 78 1620			.3		23419	6	24.0	8.0	0.4	0.017	0.002	0.006	0.380	0.002
07 08 78 1600			.3		23440	6	23.0	7.0	1.0	0.014	0.001L	0.026	0.470	0.001
04 09 78 1535			.3		23458	6	18.0		1.0	0.012	0.008	0.016	0.370	0.002
15 10 78 1100			.3		23476	6	9.0	5.0	0.5	0.017	0.001	0.026	0.510	0.001
12 11 78 1430			.3		23494	6	7.0	5.0	1.0	0.042	0.003	0.022	0.650	0.002
03 12 78 1535			.3		23512	6 4	1.0		0.2	0.007	0.002	0.020	0.260	0.001
MAXIMUM							24.0	8.0	1.0	0.042	0.008	0.028	0.650	0.003
AVG OR GEOM MN (*)							13.2	6.4	0.6	0.016	0.003D	0.019	0.398	0.002
MINIMUM							1.0	5.0	0.2	0.006	0.001	0.006	0.260	0.001
NO OF SAMPLES							9	7	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 04 78 2030			.3		0.115	0.126	0.382	0.508	57.0	21.0	36	56	8.30	4.2
21 05 78 2030			.3		0.070	0.100	0.242	0.342	40.0	3.9	36	56	2.00	4.6
25 06 78 1550			.3		0.030	0.050	0.262	0.312	36.0	1.0	35	54	0.80	4.5
14 07 78 1620			.3		0.005L	0.013	0.374	0.387	39.0	3.5	35	54	1.40	4.9
07 08 78 1600			.3		0.005	0.032	0.444	0.476	41.0	5.6	35	54	1.40	4.8
04 09 78 1535			.3		0.010	0.028	0.354	0.382	44.0	6.3	38	58	1.30	4.9
15 10 78 1100			.3		0.030	0.057	0.484	0.541	40.0	3.6	36	56	1.50	5.0
12 11 78 1430			.3		0.078	0.102	0.628	0.730	52.0	14.0	38	58	2.90	5.0
03 12 78 1535			.3		0.084	0.105	0.240	0.345	37.0	0.5	36	55	1.00	4.9
MAXIMUM					0.115	0.126	0.628	0.730	57.0	21.0	38	58	8.30	5.0
AVG OR GEOM MN (*)					0.047D	0.068	0.379	0.447	42.9	6.6	36	56	2.29	4.7
MINIMUM					0.005	0.013	0.240	0.312	36.0	0.5	35	54	0.80	4.2
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

B.O.W./ SITE: KEY RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

STATION ID: 03-0128-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: KEY RIVER
STORET CODE: 02
002
5190

STN NO: 1 LAT: LONG: U T M: 17 0533700.0 5082050.0 4 REGION: 05 MILEAGE: 8.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1230			.3		24515	4 6 8				0.0	12.0	0.2	0.022	0.004
12 02 78 1210			.3		24557	4 6 8	56.	4. L	4. L	0.0	10.0	3.0	0.060	0.016
12 03 78 1130			.3		24599	4 6 8	4. L	2. L	2. L	0.0	10.0	0.5	0.027	0.009
06 06 78 1245			.3		21760	8				18.5	9.0	0.5	0.023	0.004
13 07 78 1230			.3		21761	8				21.5	9.0	0.2	0.015	0.001
09 08 78 1245			.3		21762	5 8 9				24.0	8.5	1.0	0.026	0.001
13 09 78 1420			.3		21763	5				18.5	9.0	3.6	0.021	0.002
23 10 78 1325			.3		21764	8				7.0	10.0	0.4	0.022	0.004
14 11 78 1430			.3		21765	8				5.0	9.5	0.4	0.025	0.004
18 12 78 1300			.3		21766					0.0	11.0	0.5	0.023	0.005
MAXIMUM							56.	4.	4.	24.0	12.0	3.6	0.060	0.016
AVG OR GEOM MN (*)							15.* D	3.* D	3.* D	9.5	9.8	1.0	0.026	0.005
MINIMUM							4.	2.	2.	0.0	8.5	0.2	0.015	0.001
NO OF SAMPLES							2	2	2	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78 1230			.3		0.176	0.600	0.004	0.046	0.226	0.424	0.650	55.0	3.3	52
12 02 78 1210			.3		0.690	0.650	0.028	0.337	1.055	0.040	1.015	231.0	10.0	221
12 03 78 1130			.3		0.292	0.850	0.090	0.110	0.492	0.558	1.050	56.0	2.2	54
06 06 78 1245			.3		0.048	0.570	0.004	0.020	0.072	0.522	0.594	53.0	2.5	51
13 07 78 1230			.3		0.034	0.460	0.003	0.007	0.044	0.426	0.470	56.0	1.6	54
09 08 78 1245			.3		0.134	0.700	0.002	0.005L	0.141	0.566	0.707	64.0	3.6	60
13 09 78 1420			.3		0.018	0.870	0.002	0.005	0.025	0.852	0.877	65.0	1.4	64
23 10 78 1325			.3		0.042	0.580	0.005	0.075	0.122	0.538	0.660	51.0	2.0	49
14 11 78 1430			.3		0.045	0.580	0.005	0.090	0.140	0.535	0.675	49.0	2.0	47
18 12 78 1300			.3		0.108	0.670	0.005	0.100	0.213	0.562	0.775	41.0	3.0	38
MAXIMUM					0.690	0.870	0.090	0.337	1.055	0.852	1.050	231.0	10.0	221
AVG OR GEOM MN (*)					0.159	0.653	0.015	0.080D	0.253	0.502	0.747	72.1	3.2	69
MINIMUM					0.018	0.460	0.002	0.005	0.025	0.040	0.470	41.0	1.4	38
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

(C O N T D)

STATION ID: 03-0128-001-02

B.O.W./ SITE: KEY RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: KEY RIVER

STORET CODE: 02
002
5190

STN NO: 1 LAT: LONG: U T M: 17 0533700.0 5082050.0 4 REGION: 05 MILEAGE: 8.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
08 01 78 1230			.3		80	3.60	4.9	12.5	2.60	9.2	17	6.29	1.220	25.0
12 02 78 1210			.3		340	4.60	41.5	45.0	10.80	26.1	69	6.39	4.900	114.0
12 03 78 1130			.3		83	4.30	4.1	12.5	3.20	9.5	22	6.39	1.700	32.0
06 06 78 1245			.3		78	1.60	5.0							
13 07 78 1230			.3		83	0.80	5.3							
09 08 78 1245			.3		92	3.10	5.4							
13 09 78 1420			.3		98	1.90	6.0							
23 10 78 1325			.3		77	3.10	4.8							
14 11 78 1430			.3		72	2.70	4.3							
18 12 78 1300			.3		58	2.70	3.4							
MAXIMUM					340	4.60	41.5	45.0	10.80	26.1	69	6.39	4.900	114.0
AVG OR GEOM MN (*)					106	2.84	8.5	23.3	5.53	15.0	36	6.36	2.607	57.0
MINIMUM					58	0.80	3.4	12.5	2.60	9.2	17	6.29	1.220	25.0
NO OF SAMPLES					10	10	10	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
08 01 78 1230			.3		6.60	2.10	70G	0.90	5.10	42	0.001L	0.390	0.020L	0.020
12 02 78 1210			.3		29.00	10.00	70G	3.80	28.00	110	0.002	0.210	0.020L	0.070
12 03 78 1130			.3		8.20	2.80	70G	1.00	3.40	34	0.001L	0.410	0.040L	0.040
06 06 78 1245			.3								0.001L	0.100L	0.040L	0.040
13 07 78 1230			.3								0.001	0.100	0.040L	0.010L
09 08 78 1245			.3								0.001	0.100	0.040L	0.010L
13 09 78 1420			.3								0.001	0.100	0.040L	0.010L
23 10 78 1325			.3								0.001L	0.220	0.020L	0.020
14 11 78 1430			.3								0.001L	0.180	0.020L	0.050
18 12 78 1300			.3								0.001	0.250	0.020L	0.030
MAXIMUM					29.00	10.00	70	3.80	28.00	110	0.002	0.410	0.040	0.070
AVG OR GEOM MN (*)					14.60	4.97	70U	1.90	12.17	62	0.001D	0.206D	0.030D	0.030D
MINIMUM					6.60	2.10	70	0.90	3.40	34	0.001	0.100	0.020	0.010
NO OF SAMPLES					3	3	3	3	3	3	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
08 01 78 1230			.3		0.030L	0.005L	0.020	0.110	0.020L	0.020L
12 02 78 1210			.3		0.030L	0.010L	0.010L	0.540	0.040L	0.040L
12 03 78 1130			.3		0.030L	0.005L	0.020	0.136	0.020L	0.020L
06 06 78 1245			.3		0.040	0.005L	0.010L		0.020L	0.020L
13 07 78 1230			.3		0.030L	0.005L	0.010L		0.020L	0.020L
09 08 78 1245			.3		0.030L	0.005L	0.010L		0.020L	0.020L
13 09 78 1420			.3		0.030L	0.005L	0.010L		0.020L	0.020L
23 10 78 1325			.3		0.030L	0.005L	0.010L		0.020	0.020L
14 11 78 1430			.3		0.030L	0.005L	0.010L		0.020L	0.020L
18 12 78 1300			.3		0.030L	0.005L	0.010L		0.020L	0.020L
MAXIMUM					0.040	0.010	0.020	0.540	0.040	0.040
AVG OR GEOM MN (*)					0.031D	0.006D	0.012D	0.262	0.022D	0.022D
MINIMUM					0.030	0.005	0.010	0.110	0.020	0.020
NO OF SAMPLES					10	10	10	3	10	10

STATION ID: 03-0130-001-02

B.O.W./ SITE: PICKEREL RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PICKEREL RIVER

STORET CODE: 02
002
5330

STN NO: 1 LAT: LONG: U T M: 17 0533500.0 5093550.0 4 REGION: 05 MILEAGE: 17.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1200			.3		24514	4 6 8				0.0	13.0	0.4	0.020	0.001L
12 03 78 1040			.3		24598	4 6 8	4. L	2. L	2. L	0.0	12.0	0.2	0.021	0.003
06 06 78 1330			.3		21750	8				17.5	10.0	0.6	0.016	0.002
13 07 78 1100			.3		21751	7				21.0	9.0	0.2	0.012	0.001
09 08 78 1215			.3		21752	7				23.5	9.0		0.016	0.002
13 09 78 1530			.3		21753	8				18.0	8.0	0.5	0.009	0.001L
23 10 78 1400			.3		21754	8				9.0	9.0	0.4	0.014	0.002
14 11 78 1455			.3		21755	8				6.5	10.0	0.2	0.011	0.001
18 12 78 1330			.3		21756					0.0	11.0	0.2	0.007	0.002
MAXIMUM							4.	2.	2.	23.5	13.0	0.6	0.021	0.003
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	10.6	10.1	0.3	0.014	0.002D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.007	0.001
NO OF SAMPLES							1	1	1	9	9	8	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78 1200			.3		0.024	0.320	0.001	0.014	0.039	0.296	0.335	65.0	2.3	63
12 03 78 1040			.3		0.024	0.310	0.002	0.048	0.074	0.286	0.360	56.0	0.6	55
06 06 78 1330			.3		0.030	0.410	0.003	0.265	0.298	0.380	0.678	46.0	1.8	44
13 07 78 1100			.3		0.026	0.350	0.002	0.008	0.036	0.324	0.360	45.0	1.4	44
09 08 78 1215			.3		0.064	0.410	0.001	0.005	0.070	0.346	0.416			
13 09 78 1530			.3		0.008	0.310	0.002	0.010	0.020	0.302	0.322	48.0	2.5	46
23 10 78 1400			.3		0.012	0.340	0.002	0.060	0.074	0.328	0.402	48.0	1.7	46
14 11 78 1455			.3		0.012	0.300	0.002	0.043	0.057	0.288	0.345	157.0	1.0	156
18 12 78 1330			.3		0.020	0.310	0.001	0.034	0.055	0.290	0.345	43.0	0.3	43
MAXIMUM					0.064	0.410	0.003	0.265	0.298	0.380	0.678	157.0	2.5	156
AVG OR GEOM MN (*)					0.024	0.340	0.002	0.054	0.080	0.316	0.396	63.5	1.5	62
MINIMUM					0.008	0.300	0.001	0.005	0.020	0.286	0.322	43.0	0.3	43
NO OF SAMPLES					9	9	9	9	9	9	9	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
08 01 78 1200			.3		97	2.40	7.1	14.0	0.55	6.70	0.160		32	
12 03 78 1040			.3		84	2.20	2.9	15.0	0.85	6.84	0.130	8.0	13	
06 06 78 1330			.3		67	1.60	2.1	13.0	1.25	6.55	0.200	6.0	30	0.001L
13 07 78 1100			.3		67	0.90	1.6	12.5	0.70	7.19	0.450	6.2		0.001
09 08 78 1215			.3				2.0	11.5	0.70		0.030	6.2		0.001
13 09 78 1530			.3		70	0.80	1.5	12.0	1.20	7.46	0.080	5.6	15	
23 10 78 1400			.3		71	1.50	2.1	14.0	0.60	7.44	0.100	6.5		
14 11 78 1455			.3		240	1.40	2.0	13.0	0.45	7.29	0.160	5.8		
18 12 78 1330			.3		66	1.00	2.1	13.5	0.65	7.04	0.130	6.0		0.001L
MAXIMUM					240	2.40	7.1	15.0	1.25	7.46	0.450	8.0	32	0.001
AVG OR GEOM MN (*)					95	1.48	2.6	13.2	0.77	7.06	0.160	6.3	23	0.001D
MINIMUM					66	0.80	1.5	11.5	0.45	6.55	0.030	5.6	13	0.001
NO OF SAMPLES					8	8	9	9	9	8	9	8	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
06 06 78 1330			.3		0.070		0.020L	0.060	0.030L	0.005L	0.010	0.020L
13 07 78 1100			.3			0.160	0.040L	0.010L	0.030L	0.005L	0.010L	0.020L
09 08 78 1215			.3			0.160	0.040L	0.010L	0.030L	0.005L	0.010L	0.020L
18 12 78 1330			.3		0.020L		0.020L	0.030	0.030L	0.005L	0.010L	0.020L
MAXIMUM					0.070	0.160	0.040	0.060	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					0.045D	0.160	0.030D	0.028D	0.030D	0.005D	0.010D	0.020D
MINIMUM					0.020	0.160	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	2	4	4	4	4	4	4

B.O.W./ SITE: FRENCH RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

STATION ID: 03-0133-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 1 LAT: LONG: U T M: 17 0532250.0 5096000.0 4 REGION: 05 MILEAGE: 18.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
08 01 78 1130			.3		24513	6 8				0.0	14.0	0.2	0.009	0.001L
12 02 78 1100			.3		24555	6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.009	0.002
12 03 78 1000			.3		24597	6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.012	0.003
06 06 78 1415			.3		21740	8				15.0	10.0	0.4	0.012	0.001
13 07 78 1145			.3		21741	8				20.0	8.0	0.2	0.009	0.002
09 08 78 1145			.3		21742	8				21.5	9.5		0.011	0.002
13 09 78 1445			.3		21743	8				18.5	9.0	0.2	0.011	0.001
23 10 78 1425			.3		21744	8				10.0	10.0	0.2	0.017	0.002
14 11 78 1520			.3		21745	8				7.0	10.0	0.2	0.011	0.001
18 12 78 1420			.3		21746					0.0	12.0	0.2	0.013	0.002
MAXIMUM							4.	2.	2.	21.5	14.0	0.4	0.017	0.003
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	9.2	10.9	0.2	0.011	0.002D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.009	0.001
NO OF SAMPLES							2	2	2	10	10	9	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
08 01 78 1130			.3		0.020	0.370	0.001	0.019	0.040	0.350	0.390	56.0	3.2	53
12 02 78 1100			.3		0.076	0.290	0.002	0.013	0.091	0.214	0.305	54.0	1.0	53
12 03 78 1000			.3		0.042	0.300	0.002	0.058	0.102	0.258	0.360	56.0	0.9	55
06 06 78 1415			.3		0.026	0.380	0.003	0.060	0.089	0.354	0.443	49.0	1.4	48
13 07 78 1145			.3		0.032	0.360	0.002	0.008	0.042	0.328	0.370	49.0	1.5	47
09 08 78 1145			.3		0.032	0.300	0.003	0.005	0.040	0.268	0.308			
13 09 78 1445			.3		0.014	0.300	0.002	0.010	0.026	0.286	0.312	51.0	1.8	49
23 10 78 1425			.3		0.010	0.320	0.002	0.030	0.042	0.310	0.352	53.0	1.7	51
14 11 78 1520			.3		0.006	0.270	0.002	0.013	0.021	0.264	0.285	170.0	1.0	169
18 12 78 1420			.3		0.014	0.330	0.001	0.019	0.034	0.316	0.350	50.0	1.0	49
MAXIMUM					0.076	0.380	0.003	0.060	0.102	0.354	0.443	170.0	3.2	169
AVG OR GEOM MN (*)					0.027	0.322	0.002	0.024	0.053	0.295	0.348	65.3	1.5	64
MINIMUM					0.006	0.270	0.001	0.005	0.021	0.214	0.285	49.0	0.9	47
NO OF SAMPLES					10	10	10	10	10	10	10	9	9	9

(C O N T D)

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS

                                                                                          STATION ID:  03-0133-001-02
B.O.W./ SITE: FRENCH RIVER
SAMPLE POINT: AT HIGHWAY 69                                                                             STORET CODE: 02
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                     002
                                                        MINOR BASIN: LAKE HURON                                      5430
                                                        TERM STREAM: FRENCH RIVER MAIN CHANNEL

STN NO:      1     LAT:                LONG:            U T M: 17 0532250.0 5096000.0 4    REGION: 05      MILEAGE:   18.00

                                        14        16        56        59       280        55       208        25        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C
               FEET      MTRS        UMHOS     UNITS                MG/L   SI MG/L                MG/L      UG/L      MG/L      MG/L

08 01 78 1130               .3          82      2.20       6.8      14.0      0.55      6.63     0.170                            36
12 02 78 1100               .3          82      1.60       2.6      14.5      0.70      7.28     0.130                            25
12 03 78 1000               .3          84      1.80       2.4      15.0      0.85      6.95     0.150                 8.0        26
06 06 78 1415               .3          74      0.90       1.9      14.0      1.25      6.65     0.090       4.0       5.6        31
13 07 78 1145               .3          72      0.40       1.8      13.0      0.80      7.19     0.390                 6.1
09 08 78 1145               .3                             2.0      12.0      1.35               0.040                 6.1
13 09 78 1445               .3          77      0.90       2.1      13.5      0.65      7.57     0.020      1.0L       5.0       10L
23 10 78 1425               .3          79      1.20       2.8      14.5      0.45      7.29     0.150      1.0L       6.5
14 11 78 1520               .3         260      1.50       2.6      13.5      0.25      7.34     0.110      1.0L       5.4
18 12 78 1420               .3          76      1.00       2.6      14.0      0.35      6.92     0.080                 5.2

                       MAXIMUM         260      2.20       6.8      15.0      1.35      7.57     0.390       4.0       8.0        36
            AVG OR GEOM MN (*)          98      1.28       2.8      13.8      0.72      7.09     0.133      1.8D       6.0       26D
                       MINIMUM          72      0.40       1.8      12.0      0.25      6.63     0.020       1.0       5.0       10.

                 NO OF SAMPLES           9         9        10        10        10         9        10         4         8         5

                                       265       235       203       221       225       229       215       249       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      ARSENIC   MERCURY  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL    COBALT
               FEET      MTRS         MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

06 06 78 1415               .3      0.001L     0.070               0.020L     0.050    0.030L    0.005L     0.010    0.020L
13 07 78 1145               .3      0.001L               0.050L    0.020L    0.010L    0.030L    0.005L    0.010L    0.020L    0.020L
09 08 78 1145               .3      0.001L               0.050L    0.020L    0.010L    0.030L    0.005L    0.010L    0.020L    0.020L
18 12 78 1420               .3      0.001L     0.020               0.020L     0.020    0.030L    0.005L    0.010L    0.020L

                       MAXIMUM       0.001     0.070     0.050     0.020     0.050     0.030     0.005     0.010     0.020     0.020
            AVG OR GEOM MN (*)      0.001D     0.045    0.050D    0.020D    0.023D    0.030D    0.005D    0.010D    0.020D    0.020D
                       MINIMUM       0.001     0.020     0.050     0.020     0.010     0.030     0.005     0.010     0.020     0.020

                 NO OF SAMPLES           4         2         2         4         4         4         4         4         4         2
```

```
                                                                                          STATION ID:  03-0133-010-01
B.O.W./ SITE: LAKE NIPISSING
SAMPLE POINT: AT AMELIA BEACH NEAR NORTH BAY                                                            STORET CODE: 02
STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                                     002
                                                        MINOR BASIN: LAKE HURON                                      5430
                                                        TERM STREAM: FRENCH RIVER MAIN CHANNEL

STN NO:     10     LAT:                LONG:            U T M: 17 0618350.0 5127950.0 4    REGION: 05

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

09 04 78 1230               .3       23359         4     1700.      238.       20.       3.0       4.0       2.2     0.090     0.010
22 05 78 1300               .3       23389         6     1000.        8.       32.      14.0       4.0       1.2     0.044     0.010
18 06 78 1440               .3       23398         6     3700.       80.       20.      19.0       7.5       2.0     0.064     0.010
15 07 78 1700               .3       23425         6     2800.       90.       90.      22.0       8.0       0.6     0.028     0.001
07 08 78 1225               .3       23433       6 5     3000.     4.  L     4.  L      22.0       9.0       1.2     0.032     0.001
04 09 78 1245               .3       23452         6    39000.      252.       28.      18.0       7.0       2.0     0.061     0.004
09 10 78 1210               .3       23470         6     2000.       70.       92.       8.0       6.5       0.8     0.031     0.002
05 11 78 1600               .3       23485         6     1800.       10.       10.      10.0       5.0       1.2     0.040     0.001
03 12 78 1250               .3       23506       6 4    78000.     1900.   600.  G       1.0                 1.0     0.028     0.009

                       MAXIMUM                          78000.     1900.      600.      22.0       9.0       2.2     0.090     0.010
            AVG OR GEOM MN (*)                          4367.*    66.* D    35.* E      13.0       6.4       1.4     0.046     0.005
                       MINIMUM                           1000.        4.        4.       1.0       4.0       0.6     0.028     0.001

                 NO OF SAMPLES                               9         9         9         9         8         9         9         9

                                        19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

09 04 78 1230               .3       0.980     1.520     0.023     1.110     2.113     0.540     2.653     365.0      68.0       297
22 05 78 1300               .3       0.146     0.650     0.048     0.225     0.419     0.504     0.923      93.0       9.0
18 06 78 1440               .3       0.180     1.120     0.024     0.710     0.914     0.940     1.854     162.0      19.0
15 07 78 1700               .3       0.080     0.630     0.007     0.093     0.180     0.550     0.730      82.0       5.1
07 08 78 1225               .3       0.042     0.620     0.001    0.005L     0.048     0.578     0.626      62.0       4.8
04 09 78 1245               .3       0.214     0.950     0.008     0.070     0.292     0.736     1.028      94.0      17.0
09 10 78 1210               .3       0.076     0.430     0.006     0.185     0.267     0.354     0.621      90.0      18.0
05 11 78 1600               .3       0.042      0.62     0.002     0.053     0.097     0.578     0.675       82.       19.
03 12 78 1250               .3       0.520     1.100     0.012     0.938     1.470     0.580     2.050     211.0       3.0

                       MAXIMUM       0.980     1.520     0.048     1.110     2.113     0.940     2.653     365.0      68.0       297
            AVG OR GEOM MN (*)       0.253     0.849     0.015    0.377D     0.644     0.596     1.240     137.9      18.1       297
                       MINIMUM       0.042     0.430     0.001     0.005     0.048     0.354     0.621      62.0       3.0       297

                 NO OF SAMPLES           9         9         9         9         9         9         9         9         9         1
```

(CONTD)

```
                                         107          14        16        56
SAMP DTE HOUR   STN   STN SAMP  PJ  CALCUL         COND.     TURB.   CHLORIDE
DY MO YR LMT    DIST  BRG DEPTH     D-SOLIDS         25C  FORMAZIN      MG/L
                FEET       MTRS     MG/L           UMHOS     UNITS

09 04 78 1230                .3                      510     20.00     125.0
22 05 78 1300                .3              84      131      3.60      15.0
18 06 78 1440                .3             143      220      4.30      39.5
15 07 78 1700                .3              77      118      1.90      11.0
07 08 78 1225                .3              57       88      2.10       4.2
04 09 78 1245                .3              77      119      4.60       9.6
09 10 78 1210                .3              72      110      6.20       9.2
05 11 78 1600                .3              63       97      4.4        5.7
03 12 78 1250                .3             208      315      4.10      60.0

                        MAXIMUM             208      510     20.00     125.0
             AVG OR GEOM MN (*)              98      190      5.69      31.0
                        MINIMUM              57       88      1.90       4.2

                  NO OF SAMPLES               8        9         9         9


 B.O.W./ SITE: LAKE NIPPISING                                                                         STATION ID:  03-0133-011-01
 SAMPLE POINT: DOWNSTREAM FROM CPR DOCKS NORTH BAY
 STATION TYPE: LAKE                                         MAJOR BASIN: GREAT LAKES                                    STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                                                  002
                                                            TERM STREAM: FRENCH RIVER MAIN CHANNEL                                   5430

STN NO:    11     LAT:                 LONG:                U T M: 17 0617700.0 5129450.0 4    REGION: 05

                                   934       901        80        81        84       805         3          1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ  SAMPLE         SCD    TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH        NO              COLIFORM  COLIFORM    ENTER.     TEMP.        O2        BOD         P  REACTIVE
                FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L      MG/L    P MG/L

24 01 78 1230               .3      23313  4            150.       26.       8.         1.0                  1.0     0.032   0.001L
04 04 78 1130               .3      23357  4           1500.       20.      10.   L     1.0        2.0      30.0     2.900   1.850
22 05 78 1200               .3      23387  6            540.        4.      16.        15.0        4.0       1.2     0.031   0.013
18 06 78 1345               .3      23396  6            120.        2.  L    2.        20.0        8.0       0.8     0.019   0.004
15 07 78 1600               .3      23423  6            800.        4.  L    4.        22.0        7.0       0.4     0.026   0.001L
07 08 78 1145               .3      23431  6 7         2100.        2.       2.   L    21.0        8.0       0.4     0.030   0.003
04 09 78 1200               .3      23450  6           1000.       46.      20.        19.0        5.0       1.0     0.023   0.001
09 10 78 1135               .3      23468  6            200.        4.       4.   L    10.0        4.0       0.6     0.029   0.001
05 11 78 1510               .3      23483  6           1400.       24.       4.         9.0        7.0       0.8     0.022   0.003
03 12 78 1215               .3      23504  6 4          500.        4.  L    4.   L     1.0                  0.6     0.014   0.002

                       MAXIMUM                         2100.       46.      20.        22.0        8.0      30.0     2.900   1.850
            AVG OR GEOM MN (*)                          567.*       8.* D    6.* D     11.9        5.6       3.7     0.313   0.189D
                       MINIMUM                          120.        2.       2.         1.0        2.0       0.4     0.014   0.001

                 NO OF SAMPLES                            10        10        10        10          8        10        10        10
                                     19         20        21        22        17        18        23          5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT    DIST BRG DEPTH     AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS        MG/L       MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

24 01 78 1230               .3       0.038      0.390    0.001L    0.010     0.049     0.352     0.401      66.0       1.7        64
04 04 78 1130               .3       9.380     49.500    0.940     0.560    10.880    40.120    51.000     269.0      22.0       247



22 05 78 1200               .3       0.232      0.590    0.010     0.080     0.322     0.358     0.680      72.0       5.6        66
18 06 78 1345               .3       0.054      0.390    0.004     0.075     0.133     0.336     0.469      55.0       3.4        52
15 07 78 1600               .3       0.092      0.580    0.003     0.052     0.147     0.488     0.635      59.0       2.8        56
07 08 78 1145               .3       0.090      0.560    0.001     0.005L    0.096     0.470     0.566      61.0       4.9        56
04 09 78 1200               .3       0.126      0.590    0.003     0.045     0.174     0.464     0.638      66.0       4.4        62
09 10 78 1135               .3       0.048      0.580    0.003     0.045     0.096     0.532     0.628      60.0       5.9        54
05 11 78 1510               .3       0.202      0.74     0.007     0.048     0.257     0.538     0.795      69.        6.5        62
03 12 78 1215               .3       0.016      0.360    0.002     0.043     0.061     0.344     0.405      63.0       3.0        60

                       MAXIMUM       9.380     49.500    0.940     0.560    10.880    40.120    51.000     269.0      22.0       247
            AVG OR GEOM MN (*)       1.028      5.428    0.097D    0.096D    1.222     4.400     5.622      84.0       6.0        78
                       MINIMUM       0.016      0.360    0.001     0.005     0.049     0.336     0.401      55.0       1.7        52

                 NO OF SAMPLES          10         10       10        10        10        10        10        10        10        10
                                     14         16        56
SAMP DTE HOUR   STN  STN SAMP  PJ   COND.      TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH        25C   FORMAZIN      MG/L
                FEET      MTRS      UMHOS      UNITS

24 01 78 1230               .3         99       1.80       3.9
04 04 78 1130               .3        380       5.40      39.5
22 05 78 1200               .3        101       2.20       6.8
18 06 78 1345               .3         80       2.40       5.0
15 07 78 1600               .3         86       1.60       4.1
07 08 78 1145               .3         86       2.20       3.5
04 09 78 1200               .3         96       1.80       4.9
09 10 78 1135               .3         83       3.10       3.7
05 11 78 1510               .3         95       3.0        5.5
03 12 78 1215               .3         93       2.00       3.6

                       MAXIMUM        380       5.40      39.5
            AVG OR GEOM MN (*)        120       2.55       8.0
                       MINIMUM         80       1.60       3.5

                 NO OF SAMPLES         10         10        10
```

STATION ID: 03-0133-012-02

B.O.W./ SITE: DUCHESNAY RIVER
SAMPLE POINT: UPSTREAM FROM JOHNS MANVILLE NORTH BAY HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02DD008
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL
STORET CODE: 02
002
5430

STN NO: 12 LAT: LONG: U T M: 17 0614750.0 5131999.0 4 REGION: 05 MILEAGE: 71.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1130			.3		23311	4	12.90	130.	2. L	4. L	1.0		1.0	0.016
27 02 78	1200			.3		23330	4	12.60	8.	2.	2. L	1.0		0.4	0.190
04 04 78	1230			.3		23355	4	17.60	800.	18.	2.	1.0	11.0	0.8	0.024
22 05 78	1100			.3		23385	6	55.10				14.0	4.0	0.6	0.022
13 06 78	1830			.3		23391	6	73.80				15.0	8.0	1.6	0.040
15 07 78	1330			.3		23408	6	24.10				19.0	6.0	2.2	0.074
07 08 78	0900			.3		23426	6	14.30				19.0	8.0	0.6	0.046
04 09 78	0820			.3		23445	6	61.10				14.0	8.0	1.0	0.024
09 10 78	0910			.3		23463	6	121.00				5.0	5.0	0.2	0.056
05 11 78	1800			.3		23489	6	29.60				8.0	4.0	1.2	0.016
03 12 78	0920			.3		23499	6 4	20.10				1.0		0.2	0.027
MAXIMUM								121.00	800.	18.	4.	19.0	11.0	2.2	0.190
AVG OR GEOM MN (*)								40.20	94.*	4.* D	3.* D	8.9	6.8	0.9	0.049
MINIMUM								12.60	8.	2.	2.	1.0	4.0	0.2	0.016
NO OF SAMPLES								11	3	3	3	11	8	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1130			.3		0.001L	0.180	0.610	0.001	0.104	0.285	0.430	0.715	40.0	3.5
27 02 78	1200			.3		0.005	0.288	0.790	0.008	0.277	0.573	0.502	1.075	40.0	3.4
04 04 78	1230			.3		0.002	0.340	0.900	0.006	0.394	0.740	0.560	1.300	63.	7.8
22 05 78	1100			.3		0.003	0.064	0.490	0.005	0.035	0.104	0.426	0.530	28.0	3.6
13 06 78	1830			.3		0.001	0.030	1.000	0.003	0.040	0.073	0.970	1.043	41.0	10.0
15 07 78	1330			.3		0.007	0.076	1.250	0.011	0.189	0.276	1.174	1.450	44.0	7.9
07 08 78	0900			.3		0.010	0.098	0.820	0.009	0.076	0.183	0.722	0.905	30.0	4.8
04 09 78	0820			.3		0.005	0.034	0.750	0.009	0.060	0.103	0.716	0.819	30.0	5.0
09 10 78	0910			.3		0.008	0.036	0.600	0.006	0.030	0.072	0.564	0.636		3.0
05 11 78	1800			.3		0.002	0.104	0.66	0.005	0.090	0.199	0.556	0.755	29.	2.2
03 12 78	0920			.3		0.005	0.058	0.640	0.005	0.175	0.238	0.582	0.820	31.0	2.0
MAXIMUM						0.010	0.340	1.250	0.011	0.394	0.740	1.174	1.450	63.	10.0
AVG OR GEOM MN (*)						0.004D	0.119	0.774	0.006	0.134	0.259	0.655	0.913	37.6	4.8
MINIMUM						0.001	0.030	0.490	0.001	0.030	0.072	0.426	0.530	28.0	2.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	10	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
24 01 78	1130			.3		36	55	1.80	4.1						
27 02 78	1200			.3		37	57	2.80	4.2						
04 04 78	1230			.3		55	84	4.2	12.5	22.0	1.45	1.6	17	7.36	0.160
22 05 78	1100			.3		24	37	1.10	2.8						
13 06 78	1830			.3		31	49	2.10	5.2						
15 07 78	1330			.3		36	55	1.80	5.7						
07 08 78	0900			.3		25	38	1.10	3.6						
04 09 78	0820			.3		25	39	1.50	3.7						
09 10 78	0910			.3			1460	1.20	2.1						
05 11 78	1800			.3		27	41	1.0	3.3						
03 12 78	0920			.3		29	45	1.10	3.2						
MAXIMUM						55	1460	4.2	12.5	22.0	1.45	1.6	17	7.36	0.160
AVG OR GEOM MN (*)						33	178	1.79	4.6	22.0	1.45	1.6	17	7.36	0.160
MINIMUM						24	37	1.0	2.1	22.0	1.45	1.6	17	7.36	0.160
NO OF SAMPLES						10	11	11	11	1	1	1	1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
24 01 78	1130			.3		1.0L								0.001L	0.470
27 02 78	1200			.3		1.0L								0.001L	0.830
04 04 78	1230			.3		1. L	37.0	10.40	2.65	20	0.95	2.40	48	0.001L	
22 05 78	1100			.3										0.001	0.300
13 06 78	1830			.3										0.001	0.280
15 07 78	1330			.3										0.001	0.45
07 08 78	0900			.3										0.001	0.300
04 09 78	0820			.3										0.001	0.300
09 10 78	0910			.3										0.001	0.300
05 11 78	1800			.3										0.002	0.280
03 12 78	0920			.3										0.001	0.230
MAXIMUM						1.0	37.0	10.40	2.65	20	0.95	2.40	48	0.002	0.830
AVG OR GEOM MN (*)						1.0D	37.0	10.40	2.65	20	0.95	2.40	48	0.001D	0.374
MINIMUM						1.0	37.0	10.40	2.65	20	0.95	2.40	48	0.001	0.230
NO OF SAMPLES						3	1	1	1	1	1	1	1	11	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
24 01 78	1130			.3		0.040L	0.020	0.030L	0.005L	0.150		0.020L	0.020L
27 02 78	1200			.3		0.040L	0.010L	0.030L	0.005L	0.050		0.020L	0.020L
04 04 78	1230			.3							0.106		
22 05 78	1100			.3		0.040L	0.050	0.030L	0.005L	0.360		0.070	0.040
13 06 78	1830			.3		0.020L	0.010	0.030L	0.005L	0.140		0.020L	0.020L
15 07 78	1330			.3		0.04 L	0.01 L	0.03 L	0.005	0.77		0.02 L	0.02 L
07 08 78	0900			.3		0.040L	0.030	0.030L	0.005L	0.010		0.020L	0.020L
04 09 78	0820			.3		0.040L	0.030	0.030L	0.005L	0.010		0.020L	0.020L
09 10 78	0910			.3		0.040L	0.030	0.030L	0.005L	0.010		0.020L	0.020L
05 11 78	1800			.3		0.020L	0.040	0.030L	0.005L	0.020		0.020L	0.020L
03 12 78	0920			.3		0.020L	0.070	0.030L	0.005L	0.020		0.040	0.020L
MAXIMUM						0.040	0.070	0.030	0.005	0.77	0.106	0.070	0.040
AVG OR GEOM MN (*)						0.034D	0.030D	0.030D	0.005D	0.154	0.106	0.027D	0.022D
MINIMUM						0.020	0.010	0.030	0.005	0.010	0.106	0.020	0.020
NO OF SAMPLES						10	10	10	10	10	1	10	10

```
                                   34         19          20         21          22          17         18          23          5           6
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED  FILTERED     TOTAL    FILTERED   FILTERED     INRGNC      TOTAL     TOTAL N      TOTAL       SUSP.
DY MO YR LMT   DIST BRG DEPTH    REACTIVE  AMMONIA    KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                 SOLIDS     SOLIDS
               FEET       MTRS    P MG/L      MG/L       MG/L    MG/L       MG/L           MG/L       MG/L        MG/L       MG/L        MG/L

19 06 78 1317              .3     0.043     0.015      0.445     0.005      0.360       0.380      0.430       0.810      290.0        12.0
24 07 78 1208              .3     0.032     0.010      0.380     0.003      0.750       0.763      0.370       1.133      280.0         3.0
21 08 78 1250              .3     0.003     0.005L     0.360     0.002      1.210       1.217      0.355       1.572      264.0         5.0
11 09 78 1405              .3     0.009     0.005      0.215     0.003      1.200       1.208      0.210       1.418      260.0         7.5
10 10 78 1250              .3     0.009     0.040      0.290     0.003      0.550       0.593      0.250       0.843      318.0         0.5
30 10 78 1230              .3     0.015     0.005      0.275     0.003      0.930       0.938      0.270       1.208      294.0         1.0
04 12 78 1300              .3     0.010     0.020      0.435     0.006      1.240       1.266      0.415       1.681      260.0        10.0

                     MAXIMUM      0.043     0.040      0.445     0.006      1.240       1.266      0.430       1.681      318.0        12.0
         AVG OR GEOM MN (*)       0.017     0.014D     0.343     0.004      0.891       0.909      0.329       1.238      280.9         5.6
                     MINIMUM      0.003     0.005      0.215     0.002      0.360       0.380      0.210       0.810      260.0         0.5

               NO OF SAMPLES         7         7          7         7           7           7          7           7          7           7

                                    7         14          16         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ  DISS.      COND.       TURB.    CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH    SOLIDS       25C    FORMAZIN       MG/L    AT LAB
               FEET       MTRS     MG/L     UMHOS       UNITS

19 06 78 1317              .3      278       403        1.10        3.0       8.07
24 07 78 1208              .3      277       461        0.70        3.0       8.10
21 08 78 1250              .3      259       491        0.80        4.0       7.93
11 09 78 1405              .3      252       476        0.65        4.0
10 10 78 1250              .3      317       489        0.65        4.5
30 10 78 1230              .3      293       464        0.45        4.5       8.09
04 12 78 1300              .3      250       446        2.70        4.0       8.20

                     MAXIMUM       317       491        2.70        4.5       8.20
         AVG OR GEOM MN (*)        275       461        1.01        3.9       8.08
                     MINIMUM       250       403        0.45        3.0       7.93

               NO OF SAMPLES         7         7           7          7          5


B.O.W./ SITE: BEAVER RIVER                                                                    STATION ID:  03-0036-009-02
SAMPLE POINT: AT GREY COUNTY ROAD NO 30 SOUTH OF KIMBERLEY
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES
                                                      MINOR BASIN: LAKE HURON                        STORET CODE: 02
                                                      TERM STREAM: BEAVER RIVER                                   002
                                                                                                                  2250
STN NO:      9    LAT:            LONG:              U T M: 17 0536700.0 4910200.0 4   REGION: 01     MILEAGE:   23.10

                                   934       901        80         81          84         88          805         3           1          33
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE       SCD     TOTAL      FECAL       M.F.     PSEUD.       WATER       DISS.      5-DAY       TOTAL
DY MO YR LMT   DIST BRG DEPTH         NO            COLIFORM   COLIFORM     ENTER.        MPA        TEMP.         02        BOD           P
               FEET       MTRS                      MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C        MG/L       MG/L        MG/L

10 10 78 1330              .3     40582    6          380.       12.  L     4.  L      4.  L      12.2        10.0        0.9       0.006
30 10 78 1300              .3     40602    6           20.        4.        4.  L      4.  L       8.3        10.6        1.4       0.007
04 12 78 1325              .3     40622    6         1000.      100.      600.  G      4.  L       0.5        14.8        0.9       0.036




                     MAXIMUM                         1000.      100.      600.       4.          12.2        14.8        1.4       0.036
         AVG OR GEOM MN (*)                           197.*      17.* D    21.* E    4.* D        7.0        11.8        1.1       0.016
                     MINIMUM                           20.        4.        4.       4.           0.5        10.0        0.9       0.006

               NO OF SAMPLES                             3          3          3          3          3           3          3          3

                                   34         19          20         21          22          17         18          23          5           6
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED  FILTERED     TOTAL    FILTERED   FILTERED     INRGNC      TOTAL     TOTAL N      TOTAL       SUSP.
DY MO YR LMT   DIST BRG DEPTH    REACTIVE  AMMONIA    KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                 SOLIDS     SOLIDS
               FEET       MTRS    P MG/L      MG/L       MG/L    MG/L       MG/L           MG/L       MG/L        MG/L       MG/L        MG/L

10 10 78 1330              .3     0.001     0.025      0.345     0.003      0.190       0.218      0.320       0.538      266.0         3.5
30 10 78 1300              .3     0.006     0.015      0.355     0.003      0.270       0.288      0.340       0.628      260.0         0.5
04 12 78 1325              .3     0.010     0.005      0.350     0.003      0.750       0.758      0.345       1.103      276.0        19.0

                     MAXIMUM      0.010     0.025      0.355     0.003      0.750       0.758      0.345       1.103      276.0        19.0
         AVG OR GEOM MN (*)       0.006     0.015      0.350     0.003      0.403       0.421      0.335       0.756      267.3         7.7
                     MINIMUM      0.001     0.005      0.345     0.003      0.190       0.218      0.320       0.538      260.0         0.5

               NO OF SAMPLES         3         3          3          3          3           3          3           3          3           3

                                    7       107          14         16          56          59        280          95          52          55
SAMP DTE HOUR  STN  STN SAMP  PJ  DISS.   CALCUL        COND.      TURB.    CHLORIDE    SULPHATE   REACTIVE     ACIDITY     TOT ALK         PH
DY MO YR LMT   DIST BRG DEPTH    SOLIDS   D-SOLIDS       25C   FORMAZIN       MG/L                 SILICATE      PH 8.3      AT LAB     AT LAB
               FEET       MTRS     MG/L   MG/L         UMHOS      UNITS                     MG/L    SI MG/L        MG/L        MG/L

10 10 78 1330              .3                245         377       0.55        4.5         9.5       2.10         0.0         199       8.42
30 10 78 1300              .3      259                   408       0.80        5.5        12.0       1.94        11.9         203       8.05
04 12 78 1325              .3      257                   446       9.40       17.5        15.5       2.40         6.0         203       8.20

                     MAXIMUM       259       245         446       9.40       17.5        15.5       2.40        11.9         203       8.42
         AVG OR GEOM MN (*)        258       245         410       3.58        9.2        12.3       2.15         6.0         202       8.22
                     MINIMUM       257       245         377       0.55        4.5         9.5       1.94         0.0         199       8.05

               NO OF SAMPLES         2         1           3          3          3           3          3           3          3          3

                                  208        25          76         72          74          68         67          66          41
SAMP DTE HOUR  STN  STN SAMP  PJ  TOTAL    PHENOLS     CALCUL      TOTAL    TOT. MAG      COLOUR    PTSSIUM      SODIUM         COD
DY MO YR LMT   DIST BRG DEPTH      IRON              HARDNESS    CALCIUM     NESIUM        HAZEN          K          NA
               FEET       MTRS     MG/L      UG/L        MG/L       MG/L       MG/L        UNITS       MG/L        MG/L        MG/L

10 10 78 1330              .3     0.050      1.0L       200.0      41.00      23.60           5       1.10        2.60          11
30 10 78 1300              .3     0.080      1.0L       217.0      48.00      23.60           8       1.05        2.60          30
04 12 78 1325              .3     0.590      1.0L       217.0      54.50      19.60          17       1.70        9.30

                     MAXIMUM      0.590      1.0        217.0      54.50      23.60          17       1.70        9.30          30
         AVG OR GEOM MN (*)       0.240      1.0D       211.3      47.83      22.27          10       1.28        4.83          21
                     MINIMUM      0.050      1.0        200.0      41.00      19.60           5       1.05        2.60          11

               NO OF SAMPLES         3         3           3          3          3           3          3           3          2
```

STATION ID: 03-0047-001-02

B.O.W./ SITE: SILVER CREEK
SAMPLE POINT: AT HIGHWAY NO 26 COLLINGWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SILVER CREEK

STORET CODE: 02
002
2340

STN NO: 1 LAT: LONG: U T M: 17 0557750.0 4929550.0 4 REGION: 03 MILEAGE: 0.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78	1140			.3		36071	4	30.	10. L	10. L	0.0	8.8	3.4	0.025	0.005
12 04 78	1055			.3		36172	3 6	20.	4. L	4.	4.6	14.4	0.4	0.024	0.008
10 05 78	1500			.3		35033	6	184.	12.	8.	10.1	11.6	0.4	0.021	0.004
15 06 78	1500			.3		35089	6	20.	12.	160.	17.2	9.2	0.4	0.018	0.003
12 07 78	1310			.3		35128	6	80.	32.	204.	19.5	9.9	0.2	0.010	0.002
23 08 78	1500			.3		35191	6	1460.	1100.	412.	22.4	12.6	0.4	0.019	0.003
28 09 78	1400			.3		35247	6	70.	100. L	240.	14.1	11.2	0.2	0.008	0.001
24 10 78	1340			.3		35287	6	244.	116.	76.	8.1	10.9	0.2	0.006	0.002
16 11 78	1410			.3		35343	6	128.	44.	84.	7.2	11.6	0.2	0.007	0.003
06 12 78	1340			.3		35368	6	330.	8.	88.	3.9	11.4	0.8	0.014	0.004
MAXIMUM								1460.	1100.	412.	22.4	14.4	3.4	0.025	0.008
AVG OR GEOM MN (*)								106.*	31.* D	60.* D	10.7	11.2	0.7	0.015	0.004
MINIMUM								20.	4.	4.	0.0	8.8	0.2	0.006	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 02 78	1140			.3		0.006	0.380	0.010	0.835	0.851	0.374	1.225	351.0	65.0	286
12 04 78	1055			.3		0.030	0.320	0.006	0.775	0.811	0.290	1.101	306.0	36.0	
10 05 78	1500			.3		0.032	0.240	0.004	0.595	0.631	0.208	0.839	276.0	13.0	263
15 06 78	1500			.3		0.014	0.250	0.003	0.635	0.652	0.236	0.888	254.0	10.0	
12 07 78	1310			.3		0.010	0.210	0.002	0.578	0.590	0.200	0.790	276.0	5.5	
23 08 78	1500			.3		0.026	0.230	0.004	0.365	0.395	0.204	0.599	222.0	6.6	
28 09 78	1400			.3		0.002	0.180	0.002	0.345	0.349	0.178	0.527	242.0	1.7	
24 10 78	1340			.3		0.002	0.16	0.002	0.405	0.409	0.158	0.567	267.	1.4	
16 11 78	1410			.3		0.009	0.270	0.005	0.500	0.514	0.261	0.775	286.0	3.0	
06 12 78	1340			.3		0.010	0.260	0.002	0.553	0.565	0.250	0.815	297.0	8.0	289
MAXIMUM						0.032	0.380	0.010	0.835	0.851	0.374	1.225	351.0	65.0	289
AVG OR GEOM MN (*)						0.014	0.250	0.004	0.559	0.577	0.236	0.813	277.7	15.0	279
MINIMUM						0.002	0.16	0.002	0.345	0.349	0.158	0.527	222.0	1.4	263
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78	1140			.3			470	6.30	5.9
12 04 78	1055			.3		270	415	17.00	4.6
10 05 78	1500			.3			405	4.80	4.3
15 06 78	1500			.3		244	375	2.80	2.4
12 07 78	1310			.3		270	415	3.00	2.6
23 08 78	1500			.3		215	330	3.60	2.6
28 09 78	1400			.3		240	370	3.40	4.5
24 10 78	1340			.3		266	410	2.0	3.9
16 11 78	1410			.3		283	435	2.90	4.5
06 12 78	1340			.3			485	5.60	7.9
MAXIMUM						283	485	17.00	7.9
AVG OR GEOM MN (*)						255	411	5.14	4.3
MINIMUM						215	330	2.0	2.4
NO OF SAMPLES						7	10	10	10

STATION ID: 03-0053-001-02

B.O.W./ SITE: PRETTY RIVER
SAMPLE POINT: AT PARKWAY BRIDGE COLLINGWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PRETTY RIVER

STORET CODE: 02
002
2420

STN NO: 1 LAT: LONG: U T M: 17 0563999.0 4927875.0 4 REGION: 03 MILEAGE: 0.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78	1220			.3		36072	4	4. L	4. L	4. L	0.0	8.0	0.8	0.022	0.005
12 04 78	1120			.3		36173	6	380.	4.	8.	3.5	12.4	0.4	0.070	0.011
10 05 78	1510			.3		35034	6	8.	10. L	20.	10.9	11.6	0.2	0.020	0.004
15 06 78	1515			.3		35090	6	10. L	2.	22.	21.2	9.2	0.2	0.009	0.001
12 07 78	1340			.3		35129	6	10. L	2. L	16.	25.3	8.5	0.5	0.010	0.001L
23 08 78	1510			.3		35192	6	100.	122.	68.	26.1	12.4	0.4	0.009	0.002
28 09 78	1440			.3		35248	6	20.	4. L	60.	16.9	10.2	0.2	0.006	0.001
24 10 78	1400			.3		35288	6	188.	84.	148.	8.7	12.0	0.2	0.006	0.001
16 11 78	1430			.3		35344	6	40.	12.	108.	7.9	11.8	0.6	0.004	0.003
06 12 78	1415			.3		35369	6	1000.	60.	230.	2.8	11.9	0.6	0.040	0.005
MAXIMUM								1000.	122.	230.	26.1	12.4	0.8	0.070	0.011
AVG OR GEOM MN (*)								42.* D	11.* D	36.* D	12.3	10.8	0.4	0.020	0.003D
MINIMUM								4.	2.	4.	0.0	8.0	0.2	0.004	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	10

(C O N T D)

```
                                       19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

15 02 78 1220              .3        0.014     0.380     0.005     1.080     1.099     0.366     1.465     313.0       9.5       303
12 04 78 1120              .3        0.026     0.380     0.007     1.340     1.373     0.354     1.727     347.0      84.0
10 05 78 1510              .3        0.016     0.250     0.003     0.965     0.984     0.234     1.218     290.0      17.0       273
15 06 78 1515              .3        0.006     0.200     0.004     0.730     0.740     0.194     0.934     263.0       6.4
12 07 78 1340              .3        0.008     0.210     0.005     0.530     0.543     0.202     0.745     236.0       5.2
23 08 78 1510              .3        0.020     0.180     0.005     0.410     0.435     0.160     0.595     221.0       9.7
28 09 78 1440              .3        0.002L    0.150     0.003     0.485     0.490     0.148     0.638     256.0       5.7
24 10 78 1400              .3        0.002     0.21      0.003     0.420     0.425     0.208     0.633     270.        1.7
16 11 78 1430              .3        0.006     0.240     0.002     0.708     0.716     0.234     0.950     267.0       7.0       260
06 12 78 1415              .3        0.010     0.320     0.004     1.350     1.364     0.310     1.674     344.0      32.0       312

                      MAXIMUM        0.026     0.380     0.007     1.350     1.373     0.366     1.727     347.0      84.0       312
           AVG OR GEOM MN (*)        0.011D    0.252     0.004     0.802     0.817     0.241     1.058     280.7      17.8       287
                      MINIMUM        0.002     0.150     0.002     0.410     0.425     0.148     0.595     221.0       1.7       260

                NO OF SAMPLES           10        10        10        10        10        10        10        10        10         4

                                      107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L
               FEET      MTRS     MG/L         UMHOS     UNITS

15 02 78 1220              .3                    500     31.00       6.0
12 04 78 1120              .3          263       405     37.00       5.2
10 05 78 1510              .3                    420      5.60       4.2
15 06 78 1515              .3          257       395      2.70       3.2
12 07 78 1340              .3          231       355      3.40       3.5
23 08 78 1510              .3          211       325      4.80       4.0
28 09 78 1440              .3          250       385      2.60       5.3
24 10 78 1400              .3          268       450      3.3        6.2
16 11 78 1430              .3                    480      2.90       7.8
06 12 78 1415              .3                    520     18.00       9.6

                      MAXIMUM          268       520     37.00       9.6
           AVG OR GEOM MN (*)          247       424     11.13       5.5
                      MINIMUM          211       325      2.60       3.2

                NO OF SAMPLES            6        10        10        10
```

```
B.O.W./ SITE: BATTEAUX RIVER                                                                        STATION ID:  03-0054-001-02
SAMPLE POINT: AT HIGHWAY 26 COLLINGWOOD
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                              002
                                                      TERM STREAM: BATTEAUX RIVER                                          2430

STN NO:     1    LAT:              LONG:              U T M: 17 0566250.0 4926200.0 4    REGION: 03        MILEAGE:     0.20

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

15 02 78 1235              .3        36073   4           1100.     10.  L    30.         0.0      13.2       0.8     0.035     0.023
12 04 78 1130              .3        36174   3 6          570.    244.      300.         3.2      13.6       1.5     0.134     0.035
10 05 78 1520              .3        35035   6            140.     88.      600.  G     12.0      12.0       1.2     0.058     0.016
15 06 78 1525              .3        35091   6           1400.    600.  G   112.        22.9      11.2       1.6     0.074     0.001
12 07 78 1355              .3        35130   6            300.     30.      104.        26.0      10.2       3.8     0.120     0.046
23 08 78 1525              .3        35193   6            800.    110.       56.        26.0      12.9       1.0     0.104     0.063
28 09 78 1455              .3        35249   6            890.     10.       28.        17.0      12.3       0.6     0.061     0.034
24 10 78 1425              .3        35289   6            280.     20.       12.         8.1      11.6       0.4     0.045     0.012
16 11 78 1450              .3        35345   6            400.     92.      276.         8.0      11.9       0.2     0.071     0.034
06 12 78 1430              .3        35370   6           1900.    400.      930.         2.1      13.2       0.8     0.082     0.022

                      MAXIMUM                            1900.    600.      930.        26.0      13.6       3.8     0.134     0.063
           AVG OR GEOM MN (*)                             595.*    71.* E   112.* U     12.5      12.2       1.2     0.078     0.029
                      MINIMUM                             140.     10.       12.         0.0      10.2       0.2     0.035     0.001

                NO OF SAMPLES                               10        10        10        10        10        10        10        10

                                       19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

15 02 78 1235              .3        0.048     0.470     0.009     0.881     0.938     0.422     1.360     362.0       7.6       354
12 04 78 1130              .3        0.102     0.700     0.013     1.670     1.785     0.598     2.383     345.0      82.0
10 05 78 1520              .3        0.010     0.460     0.010     0.560     0.580     0.450     1.030     273.0       6.6
15 06 78 1525              .3        0.002     0.610     0.004     0.120     0.126     0.608     0.734     258.0       5.1
12 07 78 1355              .3        0.006     0.780     0.003     0.017     0.026     0.774     0.800     220.0      12.0
23 08 78 1525              .3        0.046     0.590     0.004     0.015     0.065     0.544     0.609     217.0       5.5
28 09 78 1455              .3        0.002L    0.410     0.002     0.010     0.014     0.408     0.422     242.0       1.6
24 10 78 1425              .3        0.002L    0.49      0.002     0.005     0.009     0.488     0.497     320.        4.4
16 11 78 1450              .3        0.006     0.510     0.013     0.437     0.456     0.504     0.960     351.0       4.0       347
06 12 78 1430              .3        0.062     0.700     0.011     1.490     1.563     0.638     2.201     372.0      23.0       349

                      MAXIMUM        0.102     0.780     0.013     1.670     1.785     0.774     2.383     372.0      82.0       354
           AVG OR GEOM MN (*)        0.029D    0.572     0.007     0.521     0.556     0.543     1.100     296.0      15.2       350
                      MINIMUM        0.002     0.410     0.002     0.005     0.009     0.408     0.422     217.0       1.6       347

                NO OF SAMPLES           10        10        10        10        10        10        10        10        10         3
```

(C O N T D)

B.O.W./ SITE: BATTEAUX RIVER
SAMPLE POINT: AT HIGHWAY 26 COLLINGWOOD
STATION TYPE: RIVER

STATION ID: 03-0054-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BATTEAUX RIVER

STORET CODE: 02
002
2430

STN NO: 1 LAT: LONG: U T M: 17 0566250.0 4926200.0 4 REGION: 03 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1235			.3			580	5.60	13.0
12 04 78 1130			.3		263	405	34.00	7.9
10 05 78 1520			.3		266	410	4.30	8.8
15 06 78 1525			.3		253	390	2.80	10.5
12 07 78 1355			.3		208	320	4.00	11.5
23 08 78 1525			.3		211	325	2.40	14.5
28 09 78 1455			.3		240	370	2.40	12.0
24 10 78 1425			.3		316	520	2.4	14.0
16 11 78 1450			.3			560	2.60	16.5
06 12 78 1430			.3			550	15.00	18.0
MAXIMUM					316	580	34.00	18.0
AVG OR GEOM MN (*)					251	443	7.55	12.7
MINIMUM					208	320	2.40	7.9
NO OF SAMPLES					7	10	10	10

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: AT CONCESSION ROAD NO6 EARL ROWE PROVINCIAL PARK
STATION TYPE: RIVER FLOW GAUGE FED 02EB102

STATION ID: 03-0057-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO: 3 LAT: LONG: U T M: 17 0588200.0 4889200.0 4 REGION: 03 MILEAGE: 54.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1240			.3		36040	6	66.50	30.	6.	40.	0.0	13.8	0.2	0.034
14 02 78 1245			.3		36066	6	49.30	100.	4.	16.	1.0	13.0	0.8	0.026
11 04 78 1400			.3		36166	3 6	533.00	6600.	90.	450.	4.1	13.6	0.6	0.086
11 05 78 1315			.3		35044	6	97.50	100. L	10. L	10. L	13.0	12.0	0.2	0.025
13 06 78 1350			.3		35067	6	72.30	300.	42.	48.	18.0	11.6	1.4	0.042
13 07 78 1215			.3		35139	6	17.50	420.	32.	52.	21.1	10.3	1.6	0.063
24 08 78 1340			.3		35202	6	25.70	600.	168.	72.	22.0	10.3	1.0	0.038
26 09 78 1305			.3		35225	6	44.40	70.	10.	10.	15.9	11.7	0.4	0.115
30 10 78 1345			.3		35298	6	40.10	280.	4. L	4.	8.9	12.8	0.6	0.017
14 11 78 1345			.3		35321	6	41.50	110.	2. L	36.	7.8	11.6	0.4	0.012
08 12 78 1205			.3		35379	6	62.20	180.	28.	38.	2.9	12.4	0.2	0.009
MAXIMUM							533.00	6600.	168.	450.	22.0	13.8	1.6	0.115
AVG OR GEOM MN (*)							95.46	220.* D	15.* D	31.* D	10.4	12.1	0.7	0.042
MINIMUM							17.50	30.	2.	4.	0.0	10.3	0.2	0.009
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1240			.3		0.014	0.060	0.380	0.007	1.390	1.457	0.320	1.777	356.0	4.8
14 02 78 1245			.3		0.021	0.050	0.330	0.011	1.410	1.471	0.280	1.751	324.0	9.0
11 04 78 1400			.3		0.028	0.068	0.660	0.016	1.730	1.814	0.592	2.406	322.0	46.0
11 05 78 1315			.3		0.001	0.014	0.43	0.007	1.12	1.141	0.416	1.557	294.	4.4
13 06 78 1350			.3		0.001	0.146	0.640	0.022	0.500	0.668	0.494	1.162	291.0	15.0
13 07 78 1215			.3		0.005	0.102	0.730	0.021	0.229	0.352	0.628	0.980	270.0	16.0
24 08 78 1340			.3		0.001	0.050	0.560	0.009	0.250	0.309	0.510	0.819	261.0	6.8
26 09 78 1305			.3		0.003	0.020	0.690	0.005	0.410	0.435	0.670	1.105	316.0	9.4
30 10 78 1345			.3		0.002	0.019	0.37	0.005	0.515	0.539	0.351	0.890	319.	4.7
14 11 78 1345			.3		0.001	0.008	0.300	0.005	0.640	0.653	0.292	0.945	139.0	4.0
08 12 78 1205			.3		0.002	0.024	0.350	0.004	1.050	1.078	0.326	1.404	339.0	1.4
MAXIMUM					0.028	0.146	0.730	0.022	1.730	1.814	0.670	2.406	356.0	46.0
AVG OR GEOM MN (*)					0.007	0.051	0.495	0.010	0.840	0.902	0.444	1.345	293.7	11.0
MINIMUM					0.001	0.008	0.300	0.004	0.229	0.309	0.280	0.819	139.0	1.4
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE , MG/L
16 01 78 1240			.3		351		555	2.10	15.0
14 02 78 1245			.3		315		535	3.00	13.5
11 04 78 1400			.3		276		430	28.00	13.0
11 05 78 1315			.3		290		450	3.6	13.5
13 06 78 1350			.3			276	425	5.50	11.0
13 07 78 1215			.3			254	390	11.00	10.5
24 08 78 1340			.3			254	390	5.00	12.5
26 09 78 1305			.3		307		470	5.50	16.0
30 10 78 1345			.3		314		485	3.6	15.
14 11 78 1345			.3		135		470	3.10	13.5
08 12 78 1205			.3		338		540	2.50	24.0
MAXIMUM					351	276	555	28.00	24.0
AVG OR GEOM MN (*)					291	261	467	6.63	14.3
MINIMUM					135	254	390	2.10	10.5
NO OF SAMPLES					8	3	11	11	11

B.O.W./ SITE: DUCHESNAY RIVER
SAMPLE POINT: DOWNSTREAM FROM JOHNS MANVILLE NORTH BAY HIGHWAY 17B
STATION TYPE: RIVER

STATION ID: 03-0133-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 13 LAT: LONG: U T M: 17 0615150.0 5131400.0 4 REGION: 05 MILEAGE: 71.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1200			.3		23312	4	180.	8.	2. L	1.0		1.2	0.020	0.001L
27 02 78 1200			.3		23331	4	40.	4.	4.	1.0		0.6	0.021	0.005
04 04 78 1200			.3		23356	4	4400.	8.	6.	1.0	7.5	7.0	0.024	0.004
22 05 78 1130			.3		23386	6				14.0	5.0	2.2	0.041	0.003
13 06 78 1900			.3		23392	6				15.0	9.0	1.4	0.038	0.005
15 07 78 1700			.3		23409	6				20.0	8.0	0.8	0.057	0.010
07 08 78 1115			.3		23430	6				19.0	8.0	1.0	0.044	0.009
04 09 78 1135			.3		23449	6				15.0	7.0	1.6	0.054	0.005
09 10 78 1115			.3		23467	6				5.0	5.0	1.0	0.026	0.013
05 11 78 1820			.3		23490	6 9				9.0	4.0	1.6	0.019	0.003
03 12 78 1200			.3		23503	6 4				1.0		0.4	0.024	0.006
MAXIMUM							4400.	8.	6.	20.0	9.0	7.0	0.057	0.013
AVG OR GEOM MN (*)							316.*	6.*	4.* D	9.2	6.7	1.7	0.033	0.006D
MINIMUM							40.	4.	2.	1.0	4.0	0.4	0.019	0.001
NO OF SAMPLES							3	3	3	11	8	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
24 01 78 1200			.3		0.184	0.620	0.001L	0.095	0.280	0.436	0.716	48.0	2.0	46
27 02 78 1200			.3		0.240	0.770	0.006	0.264	0.510	0.530	1.040	53.0	1.7	51
04 04 78 1200			.3		0.256	0.920	0.006	0.389	0.651	0.664	1.315	88.	7.3	81
22 05 78 1130			.3		0.034	0.720	0.006	0.015	0.055	0.686	0.741	31.0	10.0	21
13 06 78 1900			.3		0.046	0.700	0.007	0.010	0.063	0.654	0.717	47.0	8.0	39
15 07 78 1700			.3		0.072	0.840	0.011	0.209	0.292	0.768	1.060	46.0	4.2	42
07 08 78 1115			.3		0.082	0.880	0.008	0.077	0.167	0.798	0.965	40.0	5.5	34
04 09 78 1135			.3		0.036	0.780	0.009	0.060	0.105	0.744	0.849	37.0	6.5	31
09 10 78 1115			.3		0.014	1.130	0.003			1.116		37.0	9.0	28
05 11 78 1820			.3		0.028	0.50	0.005	0.085	0.118	0.472	0.590	38.	3.0	35
03 12 78 1200			.3		0.048	0.550	0.005	0.170	0.223	0.502	0.725	39.0	2.0	37
MAXIMUM					0.256	1.130	0.011	0.389	0.651	1.116	1.315	88.	10.0	81
AVG OR GEOM MN (*)					0.095	0.765	0.006D	0.137	0.246	0.670	0.872	45.8	5.4	40
MINIMUM					0.014	0.50	0.001	0.010	0.055	0.436	0.590	31.0	1.7	21
NO OF SAMPLES					11	11	11	10	10	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
24 01 78 1200			.3		71	1.70	6.8							1.0
27 02 78 1200			.3		78	2.60	8.4							1.0L
04 04 78 1200			.3		124	4.6	18.5	15.5	1.35	3.7	17	7.69	0.140	9.
22 05 78 1130			.3		52	2.10	5.1							
13 06 78 1900			.3		60	2.20	7.3							
15 07 78 1700			.3		64	1.60	7.8							
07 08 78 1115			.3		52	1.50	5.8							
04 09 78 1135			.3		48	1.90	5.0							
09 10 78 1115			.3		43	2.40	3.3							
05 11 78 1820			.3		54	0.8	5.3							
03 12 78 1200			.3		57	1.70	5.5							
MAXIMUM					124	4.6	18.5	15.5	1.35	3.7	17	7.69	0.140	9.
AVG OR GEOM MN (*)					64	2.10	7.2	15.5	1.35	3.7	17	7.69	0.140	3.7D
MINIMUM					43	0.8	3.3	15.5	1.35	3.7	17	7.69	0.140	1.0
NO OF SAMPLES					11	11	11	1	1	1	1	1	1	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
24 01 78 1200			.3									0.001L	0.180	0.040L
27 02 78 1200			.3									0.001L	0.230	0.020L
04 04 78 1200			.3		27.0	7.60	2.00	30	0.65	3.20	33	0.001L		
22 05 78 1130			.3									0.001	0.300	0.040L
13 06 78 1900			.3									0.001	0.300	0.020L
15 07 78 1700			.3									0.001	0.35	0.04 L
07 08 78 1115			.3									0.001L	0.230	0.040L
04 09 78 1135			.3									0.001L	0.230	0.040L
09 10 78 1115			.3									0.001L	0.230	0.040L
05 11 78 1820			.3									0.001	0.240	0.020L
03 12 78 1200			.3									0.001	0.290	0.020L
MAXIMUM					27.0	7.60	2.00	30	0.65	3.20	33	0.001	0.35	0.040
AVG OR GEOM MN (*)					27.0	7.60	2.00	30	0.65	3.20	33	0.001D	0.258	0.032D
MINIMUM					27.0	7.60	2.00	30	0.65	3.20	33	0.001	0.180	0.020
NO OF SAMPLES					1	1	1	1	1	1	1	11	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
24 01 78 1200			.3		0.020	0.030L	0.005L	0.010L		0.020L	0.020L
27 02 78 1200			.3		0.010L	0.030L	0.005L	0.010L		0.020L	0.020L
04 04 78 1200			.3						0.040		
22 05 78 1130			.3		0.010	0.030L	0.005L	0.130		0.020L	0.020L
13 06 78 1900			.3		0.020	0.030L	0.005L	0.390		0.020L	0.020L
15 07 78 1700			.3		0.01 L	0.03 L	0.005L	0.04		0.02 L	0.02
07 08 78 1115			.3		0.040	0.030L	0.005L	0.020		0.020L	0.020L
04 09 78 1135			.3		0.040	0.030L	0.005L	0.020		0.020L	0.020L
09 10 78 1115			.3		0.040	0.030L	0.005L	0.020		0.020L	0.020L
05 11 78 1820			.3		0.040	0.030L	0.005L	0.010		0.040	0.020L
03 12 78 1200			.3		0.040	0.030L	0.005L	0.010		0.030	0.020
MAXIMUM					0.040	0.030	0.005	0.390	0.040	0.040	0.020
AVG OR GEOM MN (*)					0.027D	0.030D	0.005D	0.066D	0.040	0.023D	0.020D
MINIMUM					0.010	0.030	0.005	0.010	0.040	0.020	0.020
NO OF SAMPLES					10	10	10	10	1	10	10

```
B.O.W./ SITE: LA VASE RIVER                                                                      STATION ID:  03-0133-014-02
SAMPLE POINT: UPSTREAM FROM DUPONT NORTH BAY
STATION TYPE: RIVER    FLOW GAUGE MOE 02DD101          MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                       002
                                                        TERM STREAM: FRENCH RIVER MAIN CHANNEL                        5430

STN NO:     14     LAT:              LONG:               U T M: 17 0624650.0 5125300.0 4    REGION: 05          MILEAGE:   75.30

                                       934      901       80        81        84       805        3         1        33       34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY    TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.       O2      BOD        P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L     MG/L     MG/L    P MG/L

29 01 78 1510              .3         23321     4      840.        4.       36.        1.0               2.6     0.055     0.011
09 04 78 1500              .3         23362     4     1100.       32.        4.        2.0      4.5      2.0     0.050     0.014
22 05 78 0530              .3         23378     6                                     14.0      7.5      2.0     0.072     0.013
25 06 78 1615              .3         23406     6                                     20.0      6.0      1.8     0.142     0.032
14 07 78 1500              .3         23420     6                                     23.0      5.0      1.0     0.094     0.027
07 08 78 1700              .3         23441     6                                     24.0      7.0      1.5     0.096     0.026
04 09 78 1610              .3         23459     6                                     16.0               1.2     0.075     0.018
15 10 78 1200              .3         23477     6                                      6.0      3.0      0.5     0.051     0.012
12 11 78 1520              .3         23495     6                                      5.0      4.0      1.0     0.042     0.026
03 12 78 1610              .3         23513     6 4                                    1.0               1.6     0.062     0.010

                      MAXIMUM                         1100.       32.       36.       24.0      7.5      2.6     0.142     0.032
           AVG OR GEOM MN (*)                          961.*      11.*      12.*      11.2      5.3      1.5     0.074     0.019
                      MINIMUM                          840.        4.        4.        1.0      3.0      0.5     0.042     0.010

                NO OF SAMPLES                             2         2         2        10        7       10        10        10

                                       19        20        21        22        17        18        23        5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

29 01 78 1510              .3        0.215     1.460     0.013     0.015     0.243     1.245     1.488      86.0       7.2        79
09 04 78 1500              .3        0.312     1.340     0.014     0.560     0.886     1.028     1.914     105.0      11.0        94
22 05 78 0530              .3        0.240     1.440     0.018     0.025     0.283     1.200     1.483      75.0      16.0        59
25 06 78 1615              .3        0.110     1.640     0.020     0.175     0.305     1.530     1.835     146.0      49.0        97
14 07 78 1500              .3        0.110     1.150     0.014     0.091     0.215     1.040     1.255     164.0      24.0       140
07 08 78 1700              .3        0.054     1.540     0.012     0.143     0.209     1.486     1.695     120.0      10.0       110
04 09 78 1610              .3        0.076     1.310     0.013     0.070     0.159     1.234     1.393      80.0      13.0        67
15 10 78 1200              .3        0.047     1.230     0.009     0.070     0.126     1.183     1.309      71.0       7.7        63
12 11 78 1520              .3        0.018     0.900     0.010     0.125     0.153     0.882     1.035      73.0       5.0        68
03 12 78 1610              .3        0.420     1.400     0.016     0.859     1.295     0.980     2.275      89.0      12.0        77

                      MAXIMUM        0.420     1.640     0.020     0.859     1.295     1.530     2.275     164.0      49.0       140
           AVG OR GEOM MN (*)        0.160     1.341     0.014     0.213     0.387     1.181     1.568     100.9      15.5        85
                      MINIMUM        0.018     0.900     0.009     0.015     0.126     0.882     1.035      71.0       5.0        59

                NO OF SAMPLES           10        10        10        10        10        10        10        10        10        10

                                       14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L
               FEET      MTRS        UMHOS     UNITS

29 01 78 1510              .3          121      7.20       9.5
09 04 78 1500              .3          144      9.60      15.5
22 05 78 0530              .3           91      8.20       7.0
25 06 78 1615              .3          150     17.00      18.0


14 07 78 1500              .3          215      7.10      29.5
07 08 78 1700              .3          170      5.10      21.0
04 09 78 1610              .3          103     15.00       8.2
15 10 78 1200              .3           97      8.70       8.4
12 11 78 1520              .3          105      7.00       9.2
03 12 78 1610              .3          119     13.00       8.8

                      MAXIMUM          215     17.00      29.5
           AVG OR GEOM MN (*)          132      9.79      13.5
                      MINIMUM           91      5.10       7.0

                NO OF SAMPLES           10        10        10


B.O.W./ SITE: LA VASE RIVER                                                                      STATION ID:  03-0133-015-02
SAMPLE POINT: DOWNSTREAM FROM DUPONT NORTH BAY
STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                       002
                                                        TERM STREAM: FRENCH RIVER MAIN CHANNEL                        5430

STN NO:     15     LAT:              LONG:               U T M: 17 0623100.0 5123750.0 4    REGION: 05          MILEAGE:   75.00

                                       934      901       80        81        84       805        3         1        33       34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY    TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.       O2      BOD        P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L     MG/L     MG/L    P MG/L

29 01 78 1330              .3         23317     4      550.        8.       16.        1.0               1.6     0.042     0.005
26 02 78 1300              .3         23341     4       70.        2.        4.        1.0               1.4     0.040     0.010
09 04 78 1400              .3         23361     4      196.       16.       14.        2.0      3.0      2.5     0.052     0.010
21 05 78 2130              .3         23376     6                                     17.0      7.0      2.2     0.062     0.015
18 06 78 1515              .3         23400     6                                     20.0      6.0      2.8     0.057     0.015
14 07 78 2000              .3         23414     6                                     25.0      8.0      2.2     0.054     0.004
07 08 78 1330              .3         23435     6                                     22.0      6.0      1.5     0.062     0.008
04 09 78 1345              .3         23454     6                                     18.0      4.0      4.5     0.066     0.007
09 10 78 1245              .3         23472     6                                      9.0      3.0      1.0     0.054     0.013
05 11 78 1655              .3         23487     6                                      8.0      5.0      1.2     0.029     0.006
03 12 78 1330              .3         23508     6 4                                    1.0               0.8     0.032     0.009

                      MAXIMUM                          550.       16.       16.       25.0      8.0      4.5     0.066     0.015
           AVG OR GEOM MN (*)                          196.*       6.*      10.*      11.3      5.3      2.0     0.050     0.009
                      MINIMUM                           70.        2.        4.        1.0      3.0      0.8     0.029     0.004

                NO OF SAMPLES                             3         3         3        11        8       11        11        11
```

(C O N T D)

B.O.W./ SITE: LAKE TEMAGAMI
SAMPLE POINT: NEAR CNR WATER INTAKE TEMAGAMI
STATION TYPE: LAKE

STATION ID: 03-0133-016-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL
STORET CODE: 02
002
5430

STN NO: 16 LAT: LONG: U T M: 17 0591700.0 5212550.0 4 REGION: 05 MILEAGE: 112.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
22 01 78	1030			.3		109	1.60	4.6	22.5	0.55	2.5	20	7.20	0.110	
19 02 78	0930			.3		108	1.40	3.4	23.0	0.55	2.2	21	7.32	0.070	
26 03 78	1830			.3		116	1.70	5.0	24.0	0.65	4.4	24	7.20	0.070	
25 04 78	1330			.3		21	1.00	1.6	4.5	0.15	2.4	5	6.67	0.080	
29 05 78	1240			.3		103	0.70	5.7	18.5	1.10	2.3	22	7.75	0.030	1.0
22 06 78	1210			.3		99	1.30	3.9	21.0	0.90	1.2	19	7.68	0.030	1.0
17 07 78	1145			.3		73	0.90	0.8	10.5	1.95	1.4	25	7.60	0.130	1.0L
20 08 78	1140			.3		103	0.80	3.6	21.0	0.65	0.9	21	7.37	0.120	1.0
30 09 78	1250			.3		109	1.00	5.0	20.5	0.40	1.9	24	7.39	0.070	1.0L
27 10 78	2100			.3		104	0.70	4.5	21.0	0.40	2.7	23	7.49	0.050	
29 11 78	1440			.3		112	0.90	4.3	22.0	0.90	1.3	25	7.04	0.040	3.0
27 12 78	1300			.3		97	0.35	2.8	23.5	0.50	0.4	19	7.72	0.020	2.0
MAXIMUM						116	1.70	5.7	24.0	1.95	4.4	25	7.75	0.130	3.0
AVG OR GEOM MN (*)						96	1.03	3.8	19.3	0.73	2.0	21	7.37	0.068	1.4D
MINIMUM						21	0.35	0.8	4.5	0.15	0.4	5	6.67	0.020	1.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
22 01 78	1030			.3		38.0	10.80	2.80	10	0.90	3.60	28	0.005
19 02 78	0930			.3		42.0	11.80	2.95	10	0.85	3.20	23	0.006
26 03 78	1830			.3		44.0	12.60	3.05	10	1.20	4.30	27	0.047
25 04 78	1330			.3		9.0	2.60	0.60	5	0.20	1.20	20	0.007
29 05 78	1240			.3		38.0	11.00	2.50	18	0.50	4.00	18	0.010
22 06 78	1210			.3		38.0	10.40	2.90	14	0.60	3.10	10	0.008
17 07 78	1145			.3		32.0	9.40	2.15	54	0.30	1.50	29	0.019
20 08 78	1140			.3		39.0	11.00	2.90	11	0.65	2.80	18	0.028
30 09 78	1250			.3		41.0	11.60	2.90	7	0.70	3.60	10	0.024
27 10 78	2100			.3		39.0	11.00	2.70	11	0.65	3.00	10	0.014
29 11 78	1440			.3		46.0	13.80	2.90	9	0.65	3.50	52	0.006
27 12 78	1300			.3		36.0	10.20	2.55	14	0.75	2.30	40	0.004
MAXIMUM						46.0	13.80	3.05	54	1.20	4.30	52	0.047
AVG OR GEOM MN (*)						36.8	10.52	2.58	14	0.66	3.01	24	0.015
MINIMUM						9.0	2.60	0.60	5	0.20	1.20	10	0.004
NO OF SAMPLES						12	12	12	12	12	12	12	12

B.O.W./ SITE: STURGEON RIVER
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM CRYSTAL FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02DC003

STATION ID: 03-0133-017-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL
STORET CODE: 02
002
5430

STN NO: 17 LAT: LONG: U T M: 17 0584400.0 5145850.0 4 REGION: 05 MILEAGE: 87.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1230			.3		23309	4	3000.00	28.	2. L	300. G	1.0		0.2	0.007
20 02 78	1245			.3		23335	4	2610.00	252.	2. L	2. L	1.0		1.0	0.007
28 03 78	1200			.3		23355		2110.00	90.	20.	2. L			2.8	0.032
26 04 78	0715			.3		23371	6	6930.00	10.	2. L	2. L	5.0	4.0	1.4	0.140
22 05 78	0945			.3		23383	6	6270.00	100.	2. L	2. L	15.0	4.0	0.8	0.836
13 06 78	2000			.3		23394	6	1700.00				17.0	7.0	2.2	0.013
15 07 78	1500			.3		23411	6	988.00	900.	4. L	60.	23.0	8.0	0.4	0.010
07 08 78	1000			.3		23428	6	1180.00	500.	4. L	12.	22.0	7.0	1.4	0.014
04 09 78	0940			.3		23447	6	1480.00	1000. L	36.	164.	18.0	6.0	1.2	0.013
09 10 78	1020			.3		23465	6	7460.00	710.	4.	4. L	10.0	5.0	2.0	0.021
05 11 78	1400			.3		23481	6	2670.00	130.	4. L	4. L	8.0	7.0	1.2	0.008
03 12 78	1100			.3		23501	6 4	2880.00	150.	4.	4.	1.0		0.8	0.018
MAXIMUM								7460.00	1000.	36.	300.	23.0	8.0	2.8	0.836
AVG OR GEOM MN (*)								3273.17	172.* D	4.* D	9.* E	11.0	6.0	1.3	0.093
MINIMUM								988.00	10.	2.	2.	1.0	4.0	0.2	0.007
NO OF SAMPLES								12	11	11	11	11	8	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78	1230			.3		0.001L	0.018	0.310	0.003	0.027	0.048	0.292	0.340	49.0	1.9
20 02 78	1245			.3		0.001	0.020	0.320	0.002	0.040	0.062	0.300	0.362	47.	1.1
28 03 78	1200			.3		0.001L	0.135	0.680	0.006	0.075	0.216	0.545	0.761	65.0	2.7
26 04 78	0715			.3		0.023	0.020	0.400	0.003	0.145	0.168	0.380	0.548	125.0	89.0
22 05 78	0945			.3		0.780	0.034	0.540	0.003	0.050	0.087	0.506	0.593	33.0	7.8
13 06 78	2000			.3		0.001	0.004	0.480	0.005	0.025	0.034	0.476	0.510	50.0	4.5
15 07 78	1500			.3		0.002	0.026	0.400	0.003	0.017	0.046	0.374	0.420	52.0	5.9
07 08 78	1000			.3		0.001	0.048	0.680	0.002	0.018	0.068	0.632	0.700	50.0	4.0
04 09 78	0940			.3		0.003	0.032	0.430	0.003	0.020	0.055	0.398	0.453	51.0	2.4
09 10 78	1020			.3		0.002	0.004	0.630	0.005	0.035	0.044	0.626	0.670	45.0	5.9
05 11 78	1400			.3		0.001L	0.016	0.45	0.003	0.042	0.061	0.434	0.495	44.	2.7
03 12 78	1100			.3		0.003	0.026	0.540	0.002	0.083	0.111	0.514	0.625	46.0	4.0
MAXIMUM						0.780	0.135	0.680	0.006	0.145	0.216	0.632	0.761	125.0	89.0
AVG OR GEOM MN (*)						0.068D	0.032	0.488	0.003	0.048	0.083	0.456	0.540	54.8	11.0
MINIMUM						0.001	0.004	0.310	0.002	0.017	0.034	0.292	0.340	33.0	1.1
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
23 01 78 1230			.3		47	72	1.50	1.1	15.0	1.20	2.0	15	7.54	0.290
20 02 78 1245			.3		46	70	1.4	1.4	14.5	1.15	2.2	14	7.13	0.12
28 03 78 1200			.3		62	96	1.70	1.9	22.0	1.45	1.6	17	7.36	0.160
26 04 78 0715			.3		36	56	9.50	0.9		2.45	1.5	12	6.07	2.900
22 05 78 0945			.3		25	59	2.20	1.2	15.0	1.90	3.7	11	6.45	0.310
13 06 78 2000			.3		45	69	1.60	0.8	14.5	1.70	1.6	17	7.30	0.240
15 07 78 1500			.3		46	70	2.10	0.9	13.5	1.45	2.1	18	7.21	0.190
07 08 78 1000			.3		46	71	2.10	1.0	13.5	1.50	3.0	20	7.04	1.580
04 09 78 0940			.3		49	75	2.00	1.0	14.0	1.45	2.9	21	7.26	0.180
09 10 78 1020			.3		39	60	3.50	1.3	14.0	1.95	1.9	15	6.82	0.440
05 11 78 1400			.3		41	63	1.2	1.4	14.	2.05	1.4	18	7.80	0.18
03 12 78 1100			.3		42	65	2.00	1.2	15.0	1.80	3.1	14	6.66	0.260
MAXIMUM					62	96	9.50	1.9	22.0	2.45	3.7	21	7.80	2.900
AVG OR GEOM MN (*)					44	69	2.57	1.2	15.0	1.67	2.3	16	7.05	0.571
MINIMUM					25	56	1.2	0.8	13.5	1.15	1.4	11	6.07	0.12
NO OF SAMPLES					12	12	12	12	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
23 01 78 1230			.3			27.0	7.60	1.95	15	0.55	2.10	13	0.039
20 02 78 1245			.3		1. L	28.	7.8	1.95	15	0.65	1.7	31	0.019
28 03 78 1200			.3		1.0	37.0	10.40	2.65	20	0.95	2.40	48	0.106
26 04 78 0715			.3		5.0	55.0	18.00	2.40	60	0.60	1.90	41	0.130
22 05 78 0945			.3		1.0L	21.0	6.00	1.55	35	0.70	1.50	31	0.060
13 06 78 2000			.3		1.0L	28.0	7.60	2.15	42	0.60	1.40	16	0.076
15 07 78 1500			.3		1.0L	30.0	8.20	2.20	39	0.60	1.30	13	0.044
07 08 78 1000			.3		1.0	29.0	8.00	2.20	41	0.65	1.30	30	0.540
04 09 78 0940			.3		1.0	31.0	8.80	2.20	42	0.65	1.50	29	0.032
09 10 78 1020			.3		2.5	23.0	6.40	1.65	64	0.60	1.80	34	0.088
05 11 78 1400			.3		1.	2.3	6.6	1.70	38	0.60	1.5	12	0.054
03 12 78 1100			.3		1.0L	25.0	7.00	1.80	34	0.65	1.40	37	0.028
MAXIMUM					5.0	55.0	18.00	2.65	64	0.95	2.40	48	0.540
AVG OR GEOM MN (*)					1.5D	28.0	8.53	2.03	37	0.65	1.65	28	0.101
MINIMUM					1.	2.3	6.00	1.55	15	0.55	1.30	12	0.019
NO OF SAMPLES					11	12	12	12	12	12	12	12	12

B.O.M./ SITE: STURGEON RIVER
SAMPLE POINT: DOWNSTREAM FROM STURGEON FALLS
STATION TYPE: RIVER

STATION ID: 03-0133-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 18 LAT: LONG: U T M: 17 0580300.0 5133200.0 4 REGION: 05 MILEAGE: 75.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
23 01 78 1200			.3		23308	4	132.	2. L	2. L	1.0		4.0	0.015	0.001L
20 02 78 1200			.3		23334	4	760.	14.	660.	1.0		3.4	0.022	0.002
28 03 78 1200			.3		23354		300.	4.	70.			8.0	0.026	0.001
26 04 78 0635			.3		23370	6	30.	2. L	2.	5.0	4.0	1.2	12.700	12.500
22 05 78 0845			.3		23382	6	10. L	2. L	2.	15.0	5.0	1.2	8.700	0.003
13 06 78 1930			.3		23393	6				17.0	7.0	7.0	0.015	0.002
15 07 78 1430			.3		23410	6	3000.	310.	70.	23.0	5.0	2.5	0.023	0.001
07 08 78 0930			.3		23427	6	3200.	60.	10. L	22.0	6.0	3.2	0.028	0.001
04 09 78 0915			.3		23446	6	1100.	384.	76.	18.0	7.0	2.8	0.015	0.010
09 10 78 0955			.3		23464	6	1200.	20.	40.	9.0	7.0	1.6	0.032	0.004
05 11 78 1330			.3		23480	6	3100.	144.	124.	8.0	6.0	2.6	0.016	0.001
03 12 78 1020			.3		23500	6 4	900.	8.	316.	1.0		2.2	0.025	0.006
MAXIMUM							3200.	384.	660.	23.0	7.0	8.0	12.700	12.500
AVG OR GEOM MN (*)							481.* D	18.* D	32.* D	10.9	5.9	3.3	1.601	1.0440
MINIMUM							10.	2.	2.	1.0	4.0	1.2	0.015	0.001
NO OF SAMPLES							11	11	11	11	8	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
23 01 78 1200			.3		0.016	0.400	0.002	0.023	0.041	0.384	0.425	58.0	2.8	
20 02 78 1200			.3		0.008	0.770	0.005	0.010	0.023	0.762	0.785	56.0	4.6	
28 03 78 1200			.3		0.011	0.760	0.009	0.021	0.041	0.749	0.790	57.0	5.2	
26 04 78 0635			.3		0.060	0.410	0.004	0.150	0.214	0.350	0.564	78.0	12.0	66
22 05 78 0845			.3		0.014	0.550	0.014	0.490	0.518	0.536	1.054	98.0	12.0	86
13 06 78 1930			.3		0.006	0.400	0.004	0.050	0.060	0.394	0.454	56.0	4.6	
15 07 78 1430			.3		0.002	0.580	0.003	0.005L	0.010	0.578	0.588	67.0	10.0	
07 08 78 0930			.3		0.014	0.720	0.002	0.005L	0.021	0.706	0.727	58.0	5.2	
04 09 78 0915			.3		0.010	0.470	0.004	0.005L	0.019	0.460	0.479	60.0	3.2	
09 10 78 0955			.3		0.026	0.490	0.005	0.015	0.046	0.464	0.510	48.0	10.0	
05 11 78 1330			.3		0.004	0.52	0.005	0.015	0.024	0.516	0.540	50.	4.6	
03 12 78 1020			.3		0.024	0.620	0.006	0.094	0.124	0.596	0.720	50.0	4.0	
MAXIMUM					0.060	0.770	0.014	0.490	0.518	0.762	1.054	98.0	12.0	86
AVG OR GEOM MN (*)					0.016	0.558	0.005	0.0740	0.095	0.541	0.636	61.3	6.5	76
MINIMUM					0.002	0.400	0.002	0.005	0.010	0.350	0.425	48.0	2.8	66
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	2

(C O N T D)

B.O.W./ SITE: STURGEON RIVER
SAMPLE POINT: DOWNSTREAM FROM STURGEON FALLS
STATION TYPE: RIVER

STATION ID: 03-0133-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 18 LAT: LONG: U T M: 17 0580300.0 5133200.0 4 REGION: 05 MILEAGE: 75.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
23 01 78	1200			.3		55	84	2.70	1.3	16.5	1.20	1.7	17	7.65	0.150
20 02 78	1200			.3		51	79	2.60	1.5	16.0	1.20	3.6	18	7.04	0.130
28 03 78	1200			.3		52	81	3.90	1.9	17.0	1.35	4.1	17	6.84	0.180
26 04 78	0635			.3			98	4.60	1.1	22.0	2.20	0.4		6.94	0.440
22 05 78	0845			.3			90	4.10	1.5	24.0	1.80	43.4	0	2.94	0.480
13 06 78	1930			.3		51	78	2.10	1.1	15.0	1.65	1.8	20	7.49	0.190
15 07 78	1430			.3		57	87	4.60	1.4	14.5	1.50	4.4	26	6.98	0.280
07 08 78	0930			.3		53	82	3.50	1.3	14.0	1.55	6.6	26	6.65	1.160
04 09 78	0915			.3		57	87	3.40	1.4	14.0	1.45	2.5	26	7.01	0.320
09 10 78	0955			.3		38	58	3.50	1.3	13.5	1.95	2.8	14	7.90	0.370
05 11 78	1330			.3		45	69	1.9	1.5	15.	1.75	2.2	17	7.09	0.19
03 12 78	1020			.3		46	70	3.40	1.5	15.0	1.75	2.9	14	6.98	0.210
MAXIMUM						57	98	4.60	1.9	24.0	2.20	43.4	26	7.90	1.160
AVG OR GEOM MN (*)						51	80	3.36	1.4	16.4	1.61	6.4	18	6.79	0.342
MINIMUM						38	58	1.9	1.1	13.5	1.20	0.4	0	2.94	0.130
NO OF SAMPLES						10	12	12	12	12	12	12	11	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
23 01 78	1200			.3		11.5	27.0	7.60	2.00	15	0.70	3.90	32	0.032
20 02 78	1200			.3		12.0	29.0	8.20	2.05	20	0.65	3.50	39	0.027
28 03 78	1200			.3		17.0	28.0	7.80	2.00	30	0.90	4.20	52	0.040
26 04 78	0635			.3		2.0	25.0	7.00	1.80	45	0.65	1.40	41	0.074
22 05 78	0845			.3		1.0	13.0	6.60	1.60	30	0.70	2.20	31	0.061
13 06 78	1930			.3		6.0	29.0	8.20	2.10	49	0.75	2.80	28	0.070
15 07 78	1430			.3		25.0	31.0	8.60	2.20	68	0.85	5.10	34	0.077
07 08 78	0930			.3		25.0	30.0	8.40	2.25	69	0.75	3.90	45	0.240
04 09 78	0915			.3		23.0	32.0	9.00	2.20	64	0.70	4.00	33	0.066
09 10 78	0955			.3		2.5	23.0	6.60	1.65	67	0.60	1.70	38	
05 11 78	1330			.3		11.	25.	7.0	1.75	46	0.70	2.8	26	0.040
03 12 78	1020			.3		11.0	30.0	9.00	1.75	48	0.75	2.50	54	0.032
MAXIMUM						25.0	32.0	9.00	2.25	69	0.90	5.10	54	0.240
AVG OR GEOM MN (*)						12.3	26.8	7.83	1.95	46	0.73	3.17	38	0.069
MINIMUM						1.0	13.0	6.60	1.60	15	0.60	1.40	26	0.027
NO OF SAMPLES						12	12	12	12	12	12	12	12	11

B.O.W./ SITE: CHIPPEWA CREEK
SAMPLE POINT: AT MOUTH AMELIA PARK NORTH BAY
STATION TYPE: RIVER FLOW GAUGE FED 02DD014

STATION ID: 03-0133-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 19 LAT: LONG: U T M: 17 0618350.0 5128600.0 4 REGION: 05 MILEAGE: 133.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1300			.3		23314	4	5.50	14000.	510.	910.	1.0		1.2	0.160
04 04 78	1030			.3		23358	4	14.30	3200.	160.	50.	1.0	7.0	2.0	0.051
22 05 78	1220			.3		23388	6	22.70	1800.	80.	60.	14.0	4.0	2.0	0.064
18 06 78	1415			.3		23397	6	8.00	9800.	304.	88.	18.0	6.5	2.0	0.044
15 07 78	1630			.3		23424	6	7.40	11000.	300. G	92.	19.0	7.0	1.2	0.047
07 08 78	1210			.3		23432	6	5.90	5800.	1400.	20.	19.0	7.0	1.5	0.048
04 09 78	1230			.3		23451	6	20.40	38000.	2600.	320.	15.0	5.0	3.0	0.071
09 10 78	1150			.3		23469	6	31.70	9000.	40.	80.	7.0	4.0	2.0	0.044
05 11 78	1530			.3		23484	6	13.50	24000.	980.	50.	11.0	4.0	1.2	0.025
03 12 78	1230			.3		23505	6 4	9.20	7400.	170.	280.	1.0		1.0	0.026
MAXIMUM								31.70	38000.	2600.	910.	19.0	7.0	3.0	0.160
AVG OR GEOM MN (*)								13.86	8885.*	328.* U	105.*	10.6	5.6	1.7	0.058
MINIMUM								5.50	1800.	40.	20.	1.0	4.0	1.0	0.025
NO OF SAMPLES								10	10	10	10	10	8	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1300			.3		0.023	0.600	1.400	0.008	0.762	1.370	0.800	2.170	405.0	130.0
04 04 78	1030			.3		0.023	1.130	1.760	0.028	1.090	2.248	0.630	2.878	313.0	8.8
22 05 78	1220			.3		0.009	0.206	1.420	0.010	0.900	1.116	1.214	2.330	198.0	17.0
18 06 78	1415			.3		0.007	0.328	1.230	0.041	1.210	1.579	0.902	2.481	235.0	8.0
15 07 78	1630			.3		0.008	0.180	1.000	0.053	0.847	1.080	0.820	1.900	203.0	7.8
07 08 78	1210			.3		0.008	0.134	0.960	0.025	0.855	1.014	0.826	1.840	222.0	6.6
04 09 78	1230			.3		0.007	0.316	1.380	0.029	0.665	1.010	1.064	2.074	197.0	12.0
09 10 78	1150			.3		0.008	0.312	1.080	0.017	0.895	1.224	0.768	1.992	138.0	5.3
05 11 78	1530			.3		0.010	0.293	0.99	0.038	0.912	1.243	0.697	1.940	180.	3.9
03 12 78	1230			.3		0.008	0.510	1.010	0.012	0.938	1.460	0.500	1.960	204.0	6.0
MAXIMUM						0.023	1.130	1.760	0.053	1.210	2.248	1.214	2.878	405.0	130.0
AVG OR GEOM MN (*)						0.011	0.401	1.223	0.026	0.907	1.334	0.822	2.157	229.5	20.5
MINIMUM						0.007	0.134	0.960	0.008	0.665	1.010	0.500	1.840	138.0	3.9
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78 1300			.3			275	423	94.00	93.0
04 04 78 1030			.3		304		520	6.30	128.0
22 05 78 1220			.3			181	278	4.00	57.0
18 06 78 1415			.3			227	350	3.80	73.0
15 07 78 1630			.3			195	300	4.50	58.0
07 08 78 1210			.3			215	330	4.80	69.0
04 09 78 1230			.3			185	285	7.00	54.0
09 10 78 1150			.3			133	205	3.90	36.5
05 11 78 1530			.3			176	270	2.9	53.
03 12 78 1230			.3			198	305	4.40	58.0
MAXIMUM					304	275	520	94.00	128.0
AVG OR GEOM MN (*)					304	198	327	13.56	68.0
MINIMUM					304	133	205	2.9	36.5
NO OF SAMPLES					1	9	10	10	10

B.O.W./ SITE: SOUTH RIVER
SAMPLE POINT: AT HIGHWAY NO 11 0.5 MILES NORTH OF SOUTH RIVER
STATION TYPE: RIVER FLOW GAUGE FED 02DD009

STATION ID: 03-0133-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 23 LAT: LONG: U T M: 17 0625800.0 5078250.0 4 REGION: 05 MILEAGE: 33.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
29 01 78 1430			.3		23318	4	112.00	4.	2. L	2. L	1.0		0.4	0.005
26 02 78 1400			.3		23337	4	113.00	4. L	2. L	2. L	1.0		0.2	0.009
19 03 78 1400			.3		23343	4	107.00	4. L	2. L	2. L	2.0	9.0	1.2	0.013
25 04 78 1800			.3		23365	6	414.00				4.0	7.0	0.6	0.014
21 05 78 1790			.3		23372	6	305.00				15.0	7.0	0.4	0.014
25 06 78 1400			.3		23401	6	104.00				20.0	7.5	2.5	0.016
14 07 78 1830			.3		23416	6	59.00				23.0	7.0	0.2	0.014
07 08 78 1415			.3		23437	6	44.10				23.0	7.0	0.8	0.012
04 09 78 1410			.3		23455	6	83.10				18.0	7.0	1.0	0.007
15 10 78 0900			.3		23473	6	184.00				8.0	4.0	0.8	0.018
12 11 78 1230			.3		23491	6	110.00				5.0	6.0	1.6	0.018
03 12 78 1415			.3		23509	6 4	140.00				1.0		0.2	0.006
MAXIMUM							414.00	4.	2.	2.	23.0	9.0	2.5	0.018
AVG OR GEOM MN (*)							147.93	4.* D	2.* D	2.* D	10.1	6.8	0.8	0.012
MINIMUM							44.10	4.	2.	2.	1.0	4.0	0.2	0.005
NO OF SAMPLES							12	3	3	3	12	9	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
29 01 78 1430			.3			0.064	0.430	0.003	0.020	0.087	0.366	0.453	33.0	0.6
26 02 78 1400			.3		0.001	0.068	0.470	0.003	0.137	0.208	0.402	0.610	33.0	0.9
19 03 78 1400			.3		0.001L	0.080	0.810	0.002	0.188	0.270	0.730	1.000	39.0	2.7
25 04 78 1800			.3		0.001L	0.074	0.280	0.004	0.310	0.388	0.206	0.594	35.0	4.3
21 05 78 1790			.3		0.001	0.022	0.310	0.003	0.105	0.130	0.288	0.418	28.0	2.9
25 06 78 1400			.3		0.002	0.028	0.520	0.003	0.015	0.046	0.492	0.538	34.0	3.8
14 07 78 1830			.3		0.001	0.060	0.560	0.006	0.224	0.290	0.500	0.790	43.0	2.1
07 08 78 1415			.3		0.002	0.032	0.610	0.003	0.037	0.072	0.578	0.650	34.0	1.8
04 09 78 1410			.3		0.001	0.036	0.400	0.003	0.070	0.109	0.364	0.473	35.0	2.8
15 10 78 0900			.3		0.002	0.030	0.620	0.003	0.110	0.143	0.590	0.733	35.0	3.0
12 11 78 1230			.3		0.012	0.030	0.730	0.004	0.111	0.145	0.700	0.845	34.0	3.0
03 12 78 1415			.3		0.001	0.050	0.330	0.003	0.142	0.195	0.280	0.475	31.0	0.4
MAXIMUM					0.012	0.080	0.810	0.006	0.310	0.388	0.730	1.000	43.0	4.3
AVG OR GEOM MN (*)					0.002D	0.048	0.506	0.003	0.122	0.174	0.458	0.632	34.5	2.4
MINIMUM					0.001	0.022	0.280	0.002	0.015	0.046	0.206	0.418	28.0	0.4
NO OF SAMPLES					11	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78 1430			.3		32	50	1.60	1.2
26 02 78 1400			.3		32	49	1.30	1.0
19 03 78 1400			.3		36	56	1.40	1.8
25 04 78 1800			.3		31	48	1.30	1.9
21 05 78 1790			.3		25	38	1.20	1.0
25 06 78 1400			.3		30	47	1.50	1.7
14 07 78 1830			.3		41	63	2.30	4.1
07 08 78 1415			.3		32	50	1.10	1.7
04 09 78 1410			.3		32	50	1.80	1.7
15 10 78 0900			.3		32	50	2.40	2.9
12 11 78 1230			.3		31	48	2.60	2.1
03 12 78 1415			.3		31	47	1.50	1.7
MAXIMUM					41	63	2.60	4.1
AVG OR GEOM MN (*)					32	50	1.67	1.9
MINIMUM					25	38	1.10	1.0
NO OF SAMPLES					12	12	12	12

STATION ID: 03-0133-024-02

B.O.W./ SITE: LA VASE RIVER
SAMPLE POINT: AT MOUTH NORTH BAY
STATION TYPE: RIVER FLOW GAUGE FED 02DD013

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 24 LAT: LONG: U T M: 17 0621650.0 5122100.0 4 REGION: 05 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
29 01 78 1300			.3		23316	4	8.00	103.	24.	300. G	1.0		1.6	0.048
26 02 78 1230			.3		23340	4	5.20	60.	12.	2. L	1.0		2.0	0.024
09 04 78 1330			.3		23360	4	37.40	172.	24.	12.	2.0	3.0	2.2	0.046
21 05 78 2200			.3		23377	6	21.80				17.0	7.0	1.0	0.046
18 06 78 1500			.3		23399	6	3.50				20.0	8.0	1.0	0.026
14 07 78 1930			.3		23415	6	2.40				25.0	8.0	2.2	0.058
07 08 78 1340			.3		23436	6	2.80				22.0	6.0	1.6	0.056
04 09 78 1320			.3		23453	6	44.10				19.0	5.0	3.4	0.068
09 10 78 1230			.3		23471	6	43.60				9.0	3.0	0.6	0.042
05 11 78 1630			.3		23486	6	25.10				8.0	5.0	0.4	0.034
03 12 78 1315			.3		23507	6 4	14.00				1.0		1.2	0.038
MAXIMUM							44.10	172.	24.	300.	25.0	8.0	3.4	0.068
AVG OR GEOM MN (*)							18.90	102.*	19.*	19.* E	11.4	5.6	1.6	0.044
MINIMUM							2.40	60.	12.	2.	1.0	3.0	0.4	0.024
NO OF SAMPLES							11	3	3	3	11	8	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
29 01 78 1300			.3		0.020	0.864	1.900	0.036	0.895	1.795	1.036	2.831	102.0	6.4
26 02 78 1230			.3		0.012	0.820	2.300	0.026	1.840	2.686	1.480	4.166	105.0	7.1
09 04 78 1330			.3		0.011	0.930	1.780	0.033	1.400	2.363	0.850	3.213	125.0	9.0
21 05 78 2200			.3		0.011	0.090	0.740	0.011	0.465	0.566	0.650	1.216	76.0	6.5
18 06 78 1500			.3		0.003	0.094	0.610	0.009	0.410	0.513	0.516	1.029	74.0	4.8
14 07 78 1930			.3		0.003	0.258	1.580	0.036	2.260	2.554	1.322	3.876	109.0	8.0
07 08 78 1340			.3		0.006	0.164	1.140	0.042	1.740	1.946	0.976	2.922	123.0	5.9
04 09 78 1320			.3		0.007	0.298	1.800	0.037	0.740	1.075	1.502	2.577	104.0	13.0
09 10 78 1230			.3		0.012	0.104	0.950	0.019	0.420	0.543	0.846	1.389	76.0	7.9
05 11 78 1630			.3		0.011	0.258	1.10	0.029	0.786	1.073	0.842	1.915	78.	5.3
03 12 78 1315			.3		0.009	0.420	1.440	0.016	0.854	1.290	1.020	2.310	86.0	7.0
MAXIMUM					0.020	0.930	2.300	0.042	2.260	2.686	1.502	4.166	125.0	13.0
AVG OR GEOM MN (*)					0.010	0.391	1.395	0.027	1.074	1.491	1.004	2.495	96.2	7.4
MINIMUM					0.003	0.090	0.610	0.009	0.410	0.513	0.516	1.029	74.0	4.8
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78 1300			.3		96	148	7.30	14.5
26 02 78 1230			.3		98	151	6.80	13.5
09 04 78 1330			.3		116	178	8.10	25.0
21 05 78 2200			.3		69	107	4.90	10.5
18 06 78 1500			.3		69	106	3.20	8.5
14 07 78 1930			.3		101	155	3.00	18.0
07 08 78 1340			.3		117	180	2.90	25.0
04 09 78 1320			.3		91	140	6.50	16.0
09 10 78 1230			.3		68	104	6.50	12.0
05 11 78 1630			.3		73	112	2.8	13.5
03 12 78 1315			.3		79	122	8.10	13.0
MAXIMUM					117	180	8.10	25.0
AVG OR GEOM MN (*)					89	137	5.46	15.4
MINIMUM					68	104	2.8	8.5
NO OF SAMPLES					11	11	11	11

STATION ID: 03-0133-025-02

B.O.W./ SITE: CHIPPEWA CREEK
SAMPLE POINT: AT GOLF CLUB ROAD NORTH BAY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 25 LAT: LONG: U T M: 17 0619250.0 5133300.0 4 REGION: 05 MILEAGE: 136.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78 1230			.3		23315	4	600.	8.	24.	1.0		1.8	0.006	0.001
26 02 78 1000			.3		23342	4	104.	18.	2.	1.0		0.5	0.002	0.001
04 04 78 1300			.3		23354	4	196.	6.	8.	1.0	4.5	1.4	0.026	0.011
22 05 78 1015			.3		23384	6				13.0	7.0	1.5	0.024	0.003
13 06 78 1800			.3		23390	6				15.0	7.0	4.0	0.044	0.004
14 07 78 2030			.3		23413	6				20.0	7.5	0.6	0.032	0.002
07 08 78 1300			.3		23434	6				17.0	7.0	1.0	0.024	0.003
04 09 78 0800			.3		23444	6				12.0	8.0	1.4	0.030	0.003
09 10 78 0850			.3		23462	6				4.0	7.0	1.0	0.025	0.009
05 11 78 1720			.3		23488	6				9.0	7.0	2.2	0.023	0.002
03 12 78 0900			.3		23498	6 4				1.0		0.8	0.017	0.004
MAXIMUM							600.	18.	24.	20.0	8.0	4.0	0.044	0.011
AVG OR GEOM MN (*)							230.*	10.*	7.*	8.5	6.9	1.5	0.023	0.004
MINIMUM							104.	6.	2.	1.0	4.5	0.5	0.002	0.001
NO OF SAMPLES							3	3	3	11	8	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
29 01 78 1230			.3		0.864	1.230	0.007	0.550	1.421	0.366	1.787	106.0	0.9	105
26 02 78 1000			.3		0.770	1.220	0.007	0.758	1.535	0.450	1.985	106.0	1.4	105
04 04 78 1300			.3		0.840	1.330	0.009	0.876	1.725	0.490	2.215	139.	8.7	130
22 05 78 1015			.3		0.330	1.080	0.031	0.930	1.291	0.750	2.041	87.0	5.8	81
13 06 78 1800			.3		0.340	1.180	0.022	0.975	1.337	0.840	2.177	107.0	16.0	91
14 07 78 2030			.3		0.146	0.860	0.024	0.896	1.066	0.714	1.780	106.0	12.0	94
07 08 78 1300			.3		0.158	0.700	0.020	1,000	1.178	0.542	1.720	96.0	5.2	91
04 09 78 0800			.3		0.140	0.750	0.016	0.685	0.841	0.610	1.451	80.0	3.4	77
09 10 78 0850			.3		0.206	0.800	0.002	0.800	1.008	0.594	1.602	68.	7.8	60
05 11 78 1720			.3		0.355	1.40	0.009	0.896	1.260	1.045	2.305	87.	4.1	83
03 12 78 0900			.3		0.640	1.300	0.007	0.848	1.495	0.660	2.155	98.0	2.0	96
MAXIMUM					0.864	1.40	0.031	1.000	1.725	1.045	2.305	139.	16.0	130
AVG OR GEOM MN (*)					0.435	1.077	0.014	0.838	1.287	0.642	1.929	98.2	6.1	92
MINIMUM					0.140	0.700	0.002	0.550	0.841	0.366	1.451	68.	0.9	60
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
29 01 78 1230			.3		161	4.50	17.0							
26 02 78 1000			.3		162	4.70	16.5							
04 04 78 1300			.3		200	6.3	33.5							
22 05 78 1015			.3		124	2.00	15.5	0.001L	0.200	0.040L	0.020	0.030L	0.005L	0.060
13 06 78 1800			.3		140	4.30	18.5	0.005	0.600	0.040L	0.040	0.030L	0.005L	0.300
14 07 78 2030			.3		145	4.40	16.0	0.001L	0.25	0.04 L	0.01 L	0.03 L	0.005L	0.01 L
07 08 78 1300			.3		140	4.20	17.5	0.001L	0.110	0.040L	0.060	0.030L	0.005L	0.020
04 09 78 0800			.3		118	3.10	13.5	0.001L	0.110	0.040L	0.060	0.030L	0.005L	0.020
09 10 78 0850			.3		92	3.0	9.1	0.001L	0.110	0.040L	0.060	0.030L	0.005L	0.020
05 11 78 1720			.3		128	1.8	14.0	0.001	0.190	0.020L	0.030	0.030L	0.005L	0.050
03 12 78 0900			.3		148	2.90	16.0	0.001	0.150	0.020L	0.040	0.030L	0.005L	0.020
MAXIMUM					200	6.3	33.5	0.005	0.600	0.040	0.060	0.030	0.005	0.300
AVG OR GEOM MN (*)					142	3.75	17.0	0.002D	0.215	0.035D	0.040D	0.030D	0.005D	0.063D
MINIMUM					92	1.8	9.1	0.001	0.110	0.020	0.01	0.030	0.005	0.01
NO OF SAMPLES					11	11	11	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
22 05 78 1015			.3		0.020L	0.020L
13 06 78 1800			.3		0.020L	0.020L
14 07 78 2030			.3		0.02 L	0.02 L
07 08 78 1300			.3		0.020L	0.020L
04 09 78 0800			.3		0.020L	0.020L
09 10 78 0850			.3		0.020L	0.020L
05 11 78 1720			.3		0.040L	0.020L
03 12 78 0900			.3		0.020L	0.020L
MAXIMUM					0.040	0.020
AVG OR GEOM MN (*)					0.023D	0.020D
MINIMUM					0,020	0.020
NO OF SAMPLES					8	8

B.O.W./ SITE: TETAPAGA RIVER
SAMPLE POINT: DOWNSTREAM FROM SHERMAN MINE
STATION TYPE: RIVER

STATION ID: 03-0133-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 27 LAT: LONG: U T M: 17 0584275.0 5210250.0 4 REGION: 05 MILEAGE: 108.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
25 04 78 1140			.3		23030		2.0	0.2	0.014	0.002	0.038	0.310	0.003	0.550
28 07 78 1030			.3		23090			0.4	0.007	0.002	0.026	0.240	0.003	0.377
03 10 78 1200			.3		23130	6		0.5	0.004		0.042	0.220	0.004	0.575
27 11 78 1000			.3		23170	6		0.6	0.007	0.001	0.054	0.420	0.004	0.700
21 12 78 1000			.3		23050		0.0	0.2	0.019	0.002	0.008	0.330	0.001	0.885
MAXIMUM							2.0	0.6	0.019	0.002	0.054	0.420	0.004	0.885
AVG OR GEOM MN (*)							1.0	0.4	0.010	0.002	0.034	0.304	0.003	0.617
MINIMUM							0.0	0.2	0.004	0.001	0.008	0.220	0.001	0.377
NO OF SAMPLES							2	5	5	4	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
25 04 78 1140			.3		0.591	0.272	0.863	475.0	2.6	472	560	3.30	5.4	250.0
28 07 78 1030			.3		0.406	0.214	0.620	543.0	0.7	542	700	1.10	17.5	292.0
03 10 78 1200			.3		0.621	0.178	0.799	678.0	3.2	675	820	3.40	15.0	395.0
27 11 78 1000			.3		0.758	0.366	1.124	482.0	0.9	481	640	1.90	13.5	240.0
21 12 78 1000			.3		0.894	0.322	1.216	333.0	7.1	326	460	2.20	10.0	158.0
MAXIMUM					0.894	0.366	1.216	678.0	7.1	675	820	3.40	17.5	395.0
AVG OR GEOM MN (*)					0.654	0.270	0.924	502.2	2.9	499	636	2.38	12.3	267.0
MINIMUM					0.406	0.178	0.620	333.0	0.7	326	460	1.10	5.4	158.0
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	5

(C O N T D)

STATION ID: 03-0133-027-02

B.O.W./ SITE: TETAPAGA RIVER
SAMPLE POINT: DOWNSTREAM FROM SHERMAN MINE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 27 LAT: LONG: U T M: 17 0584275.0 5210250.0 4 REGION: 05 MILEAGE: 108.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
25 04 78 1140			.3		3.90	8.9	42	7.04	0.320	298.0	76.00	26.50	45	4.15
28 07 78 1030			.3		1.90	13.1	62	6.80	0.160	341.0	82.00	33.00	16	9.70
03 10 78 1200			.3		3.95	20.3	12	5.64	0.240	403.0	98.00	38.50	4	8.50
27 11 78 1000			.3		2.50	6.6	76	8.03	0.280	313.0	80.00	27.50	39	8.50
21 12 78 1000			.3		3.10	1.0	59	8.04	0.350	19.6	48.00	18.50	47	4.60
MAXIMUM					3.95	20.3	76	8.04	0.350	403.0	98.00	38.50	47	9.70
AVG OR GEOM MN (*)					3.07	10.0	50	7.11	0.270	274.9	76.80	28.80	30	7.09
MINIMUM					1.90	1.0	12	5.64	0.160	19.6	48.00	18.50	4	4.15
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
25 04 78 1140			.3		5.90	37	0.001	0.450	0.020L	0.040	0.030L	0.005L	0.040	0.570
28 07 78 1030			.3		15.00	26	0.001	0.100	0.020L	0.040	0.030L	0.005L	0.010L	0.150
03 10 78 1200			.3		13.00	10	0.001	0.960	0.020L	0.060	0.030L	0.005L	0.080	1.700
27 11 78 1000			.3		11.00	17								0.096
21 12 78 1000			.3		8.50	35	0.002	0.460	0.020L	0.040	0.003L	0.005L	0.020	0.186
MAXIMUM					15.00	37	0.002	0.960	0.020	0.060	0.030	0.005	0.080	1.700
AVG OR GEOM MN (*)					10.68	25	0.001	0.493	0.020D	0.045	0.023D	0.005D	0.038D	0.540
MINIMUM					5.90	10	0.001	0.100	0.020	0.040	0.003	0.005	0.010	0.096
NO OF SAMPLES					5	5	4	4	4	4	4	4	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
25 04 78 1140			.3		0.020L	0.01L	0.020L
28 07 78 1030			.3		0.020L	0.01L	0.020L
03 10 78 1200			.3		0.030	0.01L	0.020
21 12 78 1000			.3		0.020L	0.01	0.020L
MAXIMUM					0.030	0.01	0.020
AVG OR GEOM MN (*)					0.023D	0.01D	0.020D
MINIMUM					0.020	0.01	0.020
NO OF SAMPLES					4	4	4

STATION ID: 03-0133-028-02

B.O.W./ SITE: STURGEON RIVER
SAMPLE POINT: DOWNSTREAN FROM HIGHWAY NO 17
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO: 28 LAT: LONG: U T M: 17 0582000.0 5135000.0 4 REGION: 05 MILEAGE: 76.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
23 01 78 1300			.3		23310	4				1.0		3.0	0.009	0.001L
20 02 78 1400			.3		23336	4				11.0		4.5	0.008	0.001L
28 03 78 1200			.3		23356							5.0	0.007	0.006
26 04 78 0600			.3		23369	6	270.	2.	146.	5.0	4.0	3.4	0.090	0.016
22 05 78 0815			.3		23381	6	10. L	2. L	2. L	15.0	5.0	2.0	1.450	0.001
13 06 78 2030			.3		23395	6				17.0	8.0	8.5	0.018	0.001
15 07 78 1530			.3		23412	6	7000.	100. L	10.	22.0	6.0	5.0	0.021	0.002
07 08 78 1030			.3		23429	6	12300E+1	6600.	90.	22.0	6.0	4.8	0.146	0.038
04 09 78 1015			.3		23448	6	4000.	900.	10. L	19.0	7.0	1.8	0.011	0.001
09 10 78 1045			.3		23466	6	1900.	40.	28.	10.0	7.0	1.0	0.014	0.002
05 11 78 1430			.3		23482	6	9000.	300.	244.	8.0	6.0	2.6	0.014	0.001
03 12 78 1120			.3		23502	6	500.	10. L	170.	1.0		2.6	0.015	0.002
MAXIMUM							12300E+1	6600.	244.	22.0	8.0	8.5	1.450	0.038
AVG OR GEOM MN (*)							1728.* D	64.* D	36.* D	11.9	6.1	3.7	0.150	0.006D
MINIMUM							10.	2.	2.	1.0	4.0	1.0	0.007	0.001
NO OF SAMPLES							8	8	8	11	8	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
23 01 78 1300			.3		0.004	0.410	0.012	0.023	0.039	0.406	0.445	56.0	2.5	53
20 02 78 1400			.3		0.016	0.540	0.004	0.025	0.045	0.524	0.569	51.0	2.3	49
28 03 78 1200			.3		0.009	0.310	0.005	0.461	0.475	0.301	0.776	51.0	2.8	48
26 04 78 0600			.3		0.016	0.610	0.005	0.155	0.176	0.594	0.770	55.0	17.0	38
22 05 78 0815			.3		0.016	0.520	0.010	0.030	0.056	0.504	0.560	49.0	11.0	38
13 06 78 2030			.3		0.004	1.000	0.005	0.045	0.054	0.996	1.050	57.0	6.0	51
15 07 78 1530			.3		0.002L	0.540	0.004	0.005L	0.011	0.538	0.549	65.0	9.2	56
07 08 78 1030			.3		0.006	0.560	0.002	0.005L	0.013	0.554	0.567	63.0	8.3	55
04 09 78 1015			.3		0.070	0.290	0.003	0.005	0.078	0.220	0.298	55.0	3.6	51
09 10 78 1045			.3		0.018	0.420	0.004	0.065	0.087	0.402	0.489	46.0	8.2	38
05 11 78 1430			.3		0.009	0.59	0.006	0.014	0.029	0.581	0.610	50.	3.8	46
03 12 78 1120			.3		0.014	0.430	0.003	0.087	0.104	0.416	0.520	47.0	4.0	43
MAXIMUM					0.070	1.000	0.012	0.461	0.475	0.996	1.050	65.0	17.0	56
AVG OR GEOM MN (*)					0.015D	0.518	0.005	0.077D	0.097	0.503	0.600	53.8	6.6	47
MINIMUM					0.002	0.290	0.002	0.005	0.011	0.220	0.298	46.0	2.3	38
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
23 01 78 1300			.3		83	2.90	1.0	16.5	1.15	3.0	16	6.55	0.160	12.0
20 02 78 1400			.3		76	2.70	1.5	16.0	1.15	2.8	17	7.09	0.120	10.0
28 03 78 1200			.3		74	2.60	1.5	15.5	1.35	3.7	17	7.69	0.140	12.0
26 04 78 0600			.3		58	6.80	1.2	15.0	2.45	1.2	9	7.10	0.720	34.0
22 05 78 0815			.3		59	2.90	1.3	16.5	1.75	6.6	10	6.32	0.380	6.0
13 06 78 2030			.3		78	3.50	1.2	16.5	1.70	3.5	19	7.33	0.220	8.0
15 07 78 1530			.3		86	4.00	1.2	15.0	1.50	4.4	26	6.95	0.220	28.0
07 08 78 1030			.3		85	4.70	1.1	14.5	1.60	6.7	27	6.66	1.450	32.0
04 09 78 1015			.3		78	1.50	1.4	13.5	1.40	2.0	23	7.41	0.230	3.5
09 10 78 1045			.3		59	3.40	1.3	13.5	1.90	1.8	14	6.79	0.220	1.0L
05 11 78 1430			.3		71	2.4	1.3	15.	1.75	2.1	16	5.90	0.18	7.
03 12 78 1120			.3		66	2.40	1.3	15.0	1.75	2.3	14	6.79	0.180	10.0
MAXIMUM					86	6.80	1.5	16.5	2.45	6.7	27	7.69	1.450	34.0
AVG OR GEOM MN (*)					73	3.32	1.3	15.2	1.62	3.3	17	6.88	0.352	13.6D
MINIMUM					58	1.50	1.0	13.5	1.15	1.2	9	5.90	0.120	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
23 01 78 1300			.3		27.0	7.60	1.95	20	0.55	3.00	36	0.001L		
20 02 78 1400			.3		28.0	8.00	1.95	20	0.70	3.20	42	0.001	0.060	0.010L
28 03 78 1200			.3		27.0	7.60	2.00	30	0.65	3.20	33			
26 04 78 0600			.3		25.0	6.00	1.70	60	0.60	1.70	39			
22 05 78 0815			.3		23.0	6.00	1.55	45	0.75	2.10	27			
13 06 78 2030			.3		29.0	8.00	2.20	50	0.75	2.50	28			
15 07 78 1530			.3		30.0	8.60	2.20	68	0.85	4.80	47			
07 08 78 1030			.3		30.0	8.20	2.25	73	0.70	4.90	52			
04 09 78 1015			.3		31.0	8.80	2.20	47	0.70	2.20	31			
09 10 78 1045			.3		23.0	6.40	1.60	64	0.55	1.20	40			
05 11 78 1430			.3		23.	6.6	1.70	51	0.65	3.0	40			
03 12 78 1120			.3		28.0	8.40	1.70	41	0.55	2.40	50			
MAXIMUM					31.0	8.80	2.25	73	0.85	4.90	52	0.001	0.060	0.010
AVG OR GEOM MN (*)					27.0	7.52	1.92	47	0.67	2.85	39	0.001D	0.060	0.010D
MINIMUM					23.0	6.00	1.55	20	0.55	1.20	27	0.001	0.060	0.010
NO OF SAMPLES					12	12	12	12	12	12	12	2	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
23 01 78 1300			.3						0.036	
20 02 78 1400			.3		0.010L	0.030L	0.005L	0.060	0.026	0.020L
28 03 78 1200			.3						0.040	
26 04 78 0600			.3						0.088	
22 05 78 0815			.3						0.076	
13 06 78 2030			.3						0.076	
15 07 78 1530			.3						0.084	
07 08 78 1030			.3						0.033	
04 09 78 1015			.3						0.092	
05 11 78 1430			.3						0.054	
03 12 78 1120			.3						0.032	
MAXIMUM					0.010	0.030	0.005	0.060	0.092	0.020
AVG OR GEOM MN (*)					0.010D	0.030D	0.005D	0.060	0.058	0.020D
MINIMUM					0.010	0.030	0.005	0.060	0.026	0.020
NO OF SAMPLES					1	1	1	1	11	1

B.O.W./ SITE: WANAPITEI RIVER
SAMPLE POINT: AT BRIDGE IN ST. CLOUD
STATION TYPE: RIVER FLOW GAUGE FED 02DB005

STATION ID: 03-0134-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 1 LAT: LONG: U T M: 17 0515315.0 5137800.0 4 REGION: 05 MILEAGE: 45.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
08 01 78 0930			.3		24511	6 8 4	1390.00				0.0	12.0	0.2	0.009
12 02 78 0900			.3		24553	4 6 8	1370.00	20.	6.	2.	0.0	12.0	0.2	0.001
12 03 78 0820			.3		24595	4 6 8	1410.00	8.	2. L	8.	0.0	11.0	0.2	0.001
14 04 78 1800			.3		24627	3 6 8	1310.00				1.0	11.0	1.0	0.025
12 05 78 2000			.3		24685	3 6 8	622.00				12.0	11.0	0.5	0.016
09 06 78 1830			.3		24718	6 8	1250.00				14.0	12.0	0.2	0.018
08 07 78 1800			.3		24758	6 8	339.00				17.0	11.0	0.8	0.010
05 08 78 1645			.3		24804	6 8	486.00				19.0	12.0	0.4	0.018
07 09 78 1730			.3		24850	6 8	520.00				15.0	11.0	0.2	0.013
05 10 78 2000			.3		24895	6 8 3	2390.00				8.0	12.0	0.2	0.021
03 11 78 1800			.3		24941	6 8	1810.00				3.0	12.0	0.2	0.010
07 12 78 1600			.3		24987	6 8	1120.00				0.0	13.0	0.2	0.004
MAXIMUM							2390.00	20.	6.	8.	19.0	13.0	1.0	0.025
AVG OR GEOM MN (*)							1168.08	13.*	3.* D	4.*	7.4	11.7	0.4	0.012
MINIMUM							339.00	8.	2.	2.	0.0	11.0	0.2	0.001
NO OF SAMPLES							12	2	2	2	12	12	12	12

(C O N T D)

STATION ID: 03-0134-001-02

B.O.W./ SITE: WANAPITEI RIVER
SAMPLE POINT: AT BRIDGE IN ST. CLOUD
STATION TYPE: RIVER FLOW GAUGE FED 02DB005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 1 LAT: LONG: U T M: 17 0515315.0 5137800.0 4 REGION: 05 MILEAGE: 45.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 NRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
08 01 78 0930			.3		0.002	0.014	0.180	0.001	0.229	0.244	0.166	0.410	67.0	9.8
12 02 78 0900			.3		0.001	0.014	0.200	0.001	0.239	0.254	0.186	0.440	58.0	1.6
12 03 78 0820			.3		0.001	0.020	0.290	0.002	0.248	0.270	0.270	0.540	57.0	1.0
14 04 78 1800			.3		0.005	0.166	0.450	0.006	0.600	0.772	0.284	1.056	151.0	65.0
12 05 78 2000			.3		0.003	0.038	0.330	0.004	0.175	0.217	0.292	0.509	73.0	9.2
09 06 78 1830			.3		0.004	0.024	0.340	0.003	0.185	0.212	0.316	0.528	60.0	4.9
08 07 78 1800			.3		0.001L	0.040	0.340	0.002	0.165	0.207	0.300	0.507	60.0	2.4
05 08 78 1645			.3		0.001	0.014	0.300	0.018	0.137	0.169	0.286	0.455	84.0	8.6
07 09 78 1730			.3		0.002	0.028	0.100	0.004	0.125	0.157	0.072	0.229	74.0	5.2
05 10 78 2000			.3		0.002	0.012	0.330	0.003	0.205	0.220	0.318	0.538	81.0	15.0
03 11 78 1800			.3		0.005	0.016	0.190	0.002	0.223	0.241	0.174	0.415	56.0	4.3
07 12 78 1600			.3		0.001L	0.030	0.250	0.001	0.179	0.210	0.220	0.430	45.0	2.6
MAXIMUM					0.005	0.166	0.450	0.018	0.600	0.772	0.318	1.056	151.0	65.0
AVG OR GEOM MN (*)					0.002D	0.035	0.275	0.004	0.226	0.264	0.240	0.505	72.2	10.8
MINIMUM					0.001	0.012	0.100	0.001	0.125	0.157	0.072	0.229	45.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
08 01 78 0930			.3			57	88	4.60	1.2	0.001	0.380	0.020L	0.040	0.030L
12 02 78 0900			.3			56	87	1.40	0.9	0.001	0.070	0.020L	0.050	0.030L
12 03 78 0820			.3			56	87	1.40	1.0	0.001L	0.090	0.020L	0.050	0.030L
14 04 78 1800			.3			86	132	14.00	8.0	0.002	1.300	0.040L	0.060	0.030L
12 05 78 2000			.3			64	98	5.60	5.9	0.002	1.300	0.040L	0.060	0.030L
09 06 78 1830			.3			55	87	2.20	0.9	0.001	0.180	0.050	0.100	0.030L
08 07 78 1800			.3			58	90	1.50	1.2	0.002	0.050L	0.020L	0.050	0.030L
05 08 78 1645			.3			75	116	2.40	1.9	0.002	0.050L	0.020L	0.050	0.030L
07 09 78 1730			.3			69	106	3.00	2.6	0.002	0.050L	0.020L	0.050	0.030L
05 10 78 2000			.3		66		1900	6.10	1.8	0.002	0.050L	0.020L	0.050	0.030L
03 11 78 1800			.3			52	81	2.10	0.9	0.001	0.180	0.020L	0.020	0.030L
07 12 78 1600			.3			42	65	0.60	1.1	0.001	0.180	0.020L	0.020	0.030L
MAXIMUM					66	86	1900	14.00	8.0	0.002	1.300	0.050	0.100	0.030
AVG OR GEOM MN (*)					66	61	245	3.74	2.3	0.002D	0.323D	0.026D	0.050	0.030D
MINIMUM					66	42	65	0.60	0.9	0.001	0.050	0.020	0.020	0.030
NO OF SAMPLES					1	11	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
08 01 78 0930			.3		0.005L	0.010L	0.040	0.020L
12 02 78 0900			.3		0.005L	0.010L	0.050	0.020L
12 03 78 0820			.3		0.005L	0.010L	0.030	0.020L
14 04 78 1800			.3		0.005L	0.030	0.480	0.020L
12 05 78 2000			.3		0.005L	0.030	0.480	0.020L
09 06 78 1830			.3		0.005L	0.010L	0.040	0.020L
08 07 78 1800			.3		0.005L	0.010	0.050	0.020L
05 08 78 1645			.3		0.005L	0.010	0.050	0.020L
07 09 78 1730			.3		0.005L	0.010	0.050	0.020L
05 10 78 2000			.3		0.005L	0.010	0.050	0.020L
03 11 78 1800			.3		0.005L	0.010L	0.040	0.020L
07 12 78 1600			.3		0.005L	0.010L	0.040	0.020L
MAXIMUM					0.005	0.030	0.480	0.020
AVG OR GEOM MN (*)					0.005D	0.013D	0.117	0.020D
MINIMUM					0.005	0.010	0.030	0.020
NO OF SAMPLES					12	12	12	12

STATION ID: 03-0134-002-02

B.O.W./ SITE: WANAPITEI RIVER
SAMPLE POINT: HIGHWAY 17 IN WAHNAPITAE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 2 LAT: LONG: U T M: 17 0516700.0 5147999.0 4 REGION: 05 MILEAGE: 55.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
14 01 78 1450			.3		24528	4 6 8				0.0	12.0	0.2	0.001	0.001L
14 02 78 1300			.3		24583	4 6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.004	
19 03 78 1215			.3		24626	6 8	4. L	2. L	2. L	0.0	12.0	0.2	0.007	0.003
17 04 78 1520			.3		24669	3 6 8				1.0	12.0	0.8	0.028	0.002
15 05 78 1925			.3		24715	3 6 8	10. L	4. L		13.0	12.0	0.6	0.014	0.005
12 06 78 1500			.3		24755	6 8	20. L	4. L		14.0	11.0	0.2	0.003	0.001
10 07 78 2030			.3		24801	6 8	140.	108.		17.0	11.0	0.6	0.009	0.001L
20 08 78 1950			.3		24847	6 8	110.	68.		18.0	12.0	0.2	0.011	0.002
17 09 78 1925			.3		24892	6 8	200.	8.		12.0	12.0	0.4	0.018	0.001
16 10 78 1500			.3		24938	6 8	20. L	4.		4.0	13.0	0.8	0.010	0.007
19 11 78 2050			.3		24984	6 8	20. L	4. L		0.0	13.0	0.2	0.008	0.006
16 12 78 2000			.3		25030	6 8				0.0	13.0	0.2	0.007	0.002
MAXIMUM							200.	108.	2.	18.0	13.0	0.8	0.028	0.007
AVG OR GEOM MN (*)							25.* D	7.* D	2.* D	6.6	12.2	0.4	0.010	0.003D
MINIMUM							4.	2.	2.	0.0	11.0	0.2	0.001	0.001
NO OF SAMPLES							9	9	2	12	12	12	12	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
14 01 78 1450			.3		0.002L	0.150	0.002	0.218	0.222	0.148	0.370	54.0	0.5	
14 02 78 1300			.3		0.004	0.160	0.002	0.163	0.169	0.156	0.325	54.0	0.6	53
19 03 78 1215			.3		0.010	0.160	0.001	0.234	0.245	0.150	0.395	56.0	1.2	55
17 04 78 1520			.3		0.066	0.280	0.004	0.340	0.410	0.214	0.624	119.0	55.0	64
15 05 78 1925			.3		0.032	0.280	0.003	0.080	0.115	0.248	0.363	73.0	7.0	66
12 06 78 1500			.3		0.012	0.210	0.002	0.180	0.194	0.198	0.392	57.0	2.1	55
10 07 78 2030			.3		0.012	0.250	0.002	0.130	0.144	0.238	0.382	64.0	2.3	62
20 08 78 1950			.3		0.010	0.240	0.002	0.103	0.115	0.230	0.345	65.0	7.8	57
17 09 78 1925			.3		0.048	0.300	0.004	0.150	0.202	0.252	0.454	60.0	2.0	58
16 10 78 1500			.3		0.015	0.220	0.002	0.215	0.232	0.205	0.437	50.0	1.2	49
19 11 78 2050			.3		0.004	0.190	0.001	0.249	0.254	0.186	0.440	56.0	1.0	55
16 12 78 2000			.3		0.006	0.17	0.001	0.239	0.246	0.164	0.410	51.	0.2	51
MAXIMUM					0.066	0.300	0.004	0.340	0.410	0.252	0.624	119.0	55.0	66
AVG OR GEOM MN (*)					0.018D	0.218	0.002	0.192	0.212	0.199	0.411	63.3	6.8	57
MINIMUM					0.002	0.150	0.001	0.080	0.115	0.148	0.325	50.0	0.2	49
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
14 01 78 1450			.3		82	0.70	0.6	0.001L	0.060	0.020L	0.060	0.030L	0.005L	0.080
14 02 78 1300			.3		83	1.40	0.6	0.001L	0.050L	0.020L	0.460	0.030L	0.005L	0.060
19 03 78 1215			.3		84	0.85	0.8	0.001L	0.100	0.020L	0.020	0.030L	0.005L	0.010L
17 04 78 1520			.3		98	6.10	2.1							
15 05 78 1925			.3		102	4.00	2.2	0.002	0.390	0.04 L	0.060	0.03 L	0.005L	0.020
12 06 78 1500			.3		83	1.00	0.9	0.001	0.370	0.040L	0.030	0.030L	0.005L	0.010L
10 07 78 2030			.3		95	1.50	1.3	0.001	0.260	0.020L	0.050	0.030L	0.005L	0.010
20 08 78 1950			.3		88	4.00	0.9							
17 09 78 1925			.3		89	1.50	2.0	0.002	0.260	0.020L	0.040	0.030L	0.005L	0.040
16 10 78 1500			.3		76	1.20	0.7	0.001	0.260	0.020L	0.010	0.030L	0.005L	0.010L
19 11 78 2050			.3		81	1.10	1.3	0.002	0.17	0.02 L	0.04	0.03 L	0.005L	0.01 L
16 12 78 2000			.3		78	0.50	0.7	0.001L	0.34	0.02 L	0.04	0.03 L	0.005L	0.02
MAXIMUM					102	6.10	2.2	0.002	0.390	0.04	0.460	0.030	0.005	0.080
AVG OR GEOM MN (*)					87	1.99	1.2	0.001D	0.226D	0.024D	0.081	0.030D	0.005D	0.027D
MINIMUM					76	0.50	0.6	0.001	0.050	0.020	0.010	0.030	0.005	0.010
NO OF SAMPLES					12	12	12	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
14 01 78 1450			.3		0.020L	0.020L						
14 02 78 1300			.3		0.020L	0.020L						
19 03 78 1215			.3		0.020L	0.020L						
17 04 78 1520			.3				1.	1.	1. L	3.	1.	10. L
15 05 78 1925			.3		0.190	0.020L	1. L	1. L	1. L	5.	1. L	10. L
12 06 78 1500			.3		0.020	0.020L	1.	1.	1. L	3.	1. L	10. L
10 07 78 2030			.3		0.090	0.020L	4.	1. L	1. L	4.	1. L	10. L
20 08 78 1950			.3				1. L	1. L	1. L	4.	1. L	10. L
17 09 78 1925			.3		0.070	0.020						
16 10 78 1500			.3		0.020L	0.020L	1. L	1. L	1. L	3.	1. L	10. L
19 11 78 2050			.3		0.02 L	0.02	1. L	1. L	1. L	3.	1. L	10. L
16 12 78 2000			.3		0.02 L	0.02 L						
MAXIMUM					0.190	0.020	4.	1.	1.	5.	1.	10.
AVG OR GEOM MN (*)					0.049D	0.020D	1. D	1. D	1. D	3.	1. D	10. D
MINIMUM					0.020	0.020	1.	1.	1.	3.	1.	10.
NO OF SAMPLES					10	10	7	7	7	7	7	7

B.O.W./ SITE: EMERY CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER WAHNAPITAE
STATION TYPE: RIVER FLOW GAUGE MOE 02DB101

STATION ID: 03-0134-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 3 LAT: LONG: U T M: 17 0519400.0 5152750.0 4 REGION: 05 MILEAGE: 59.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 1200			.3		24663	3 6 8	1.0	9.0	0.6	0.037	0.002	0.110	0.420	0.005
15 05 78 1210			.3		24707	3 6 9	13.0	8.0	0.5	0.022	0.004	0.016	0.340	0.003
12 06 78 1120			.3		24747	6 8	16.0	8.0	0.6	0.025	0.003	0.022	0.640	0.008
10 07 78 1650			.3		24793	6 8	17.0	9.0	1.0	0.021	0.002	0.016	0.590	0.006
20 08 78 1645			.3		24839	6 8	19.0	10.0	0.5	0.020	0.005	0.014	0.480	0.004
17 09 78 1650			.3		24884	6 8	12.0	10.0	0.8	0.023	0.003	0.026	0.560	0.007
16 10 78 1120			.3		24930	6 8	5.0	9.0	0.4	0.012	0.002	0.002	0.360	0.003
19 11 78 1720			.3		24976	6 8	0.0	10.0	0.2	0.012	0.001	0.008	0.290	0.003
16 12 78 1640			.3		25022	4 6 8	0.0	10.0	0.4	0.015	0.001	0.042	0.28	0.002
MAXIMUM							19.0	10.0	1.0	0.037	0.005	0.110	0.640	0.008
AVG OR GEOM MN (*)							9.2	9.2	0.6	0.021	0.003	0.028	0.440	0.005
MINIMUM							0.0	8.0	0.2	0.012	0.001	0.002	0.28	0.002
NO OF SAMPLES							9	9	9	9	9	9	9	9

(CONTD)

B.O.W./ SITE: EMERY CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER WAHNAPITAE
STATION TYPE: RIVER FLOW GAUGE MOE 02DB101

STATION ID: 03-0134-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL
STORET CODE: 02
002
5500

STN NO: 3 LAT: LONG: U T M: 17 0519400.0 5152750.0 4 REGION: 05 MILEAGE: 59.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
17 04 78	1200			.3		0.310	0.425	0.310	0.735	123.0	57.0		66	102	13.00
15 05 78	1210			.3		0.080	0.099	0.324	0.423	136.0	22.0		114	175	6.00
12 06 78	1120			.3		0.015	0.045	0.618	0.663	264.0	3.7		260	400	4.50
10 07 78	1650			.3		0.020	0.042	0.574	0.616	545.0	3.5	542		660	6.20
20 08 78	1645			.3		0.005L	0.023	0.466	0.489	279.0	2.6		276	425	3.70
17 09 78	1650			.3		0.025	0.058	0.534	0.592	93.0	3.2		90	138	3.70
16 10 78	1120			.3		0.030	0.035	0.358	0.393	70.0	2.5		68	104	3.00
19 11 78	1720			.3		0.087	0.098	0.282	0.380	71.0	5.0		66	101	2.90
16 12 78	1640			.3		0.118	0.162	0.238	0.400	40.	1.		39	60	1.4
MAXIMUM						0.310	0.425	0.618	0.735	545.0	57.0	542	276	660	13.00
AVG OR GEOM MN (*)						0.077D	0.110	0.412	0.521	180.1	11.2	542	122	241	4.93
MINIMUM						0.005	0.023	0.238	0.380	40.	1.	542	39	60	1.4
NO OF SAMPLES						9	9	9	9	9	9	1	8	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
17 04 78	1200			.3		1.5									
15 05 78	1210			.3		3.2	0.002	0.68	0.04 L	0.07	0.03 L	0.005L	0.04	0.40	0.02 L
12 06 78	1120			.3		9.7	0.004	0.340	0.040L	0.040	0.030L	0.005L	0.040	0.210	0.002L
10 07 78	1650			.3		15.5	0.005	0.210	0.020L	0.040	0.030L	0.005L	0.010L	0.180	0.020L
20 08 78	1645			.3		9.7	0.005	0.210	0.020L	0.040	0.030L	0.005L	0.010L	0.180	0.020L
17 09 78	1650			.3		1.8	0.006	0.430	0.020L	0.040	0.030L	0.005L	0.020	0.310	0.020L
16 10 78	1120			.3		1.2	0.002	0.400	0.020L	0.100	0.030L	0.005L	0.020	0.330	0.020L
19 11 78	1720			.3		1.4	0.001	0.43	0.02 L	0.04	0.03 L	0.005L	0.04	0.34	0.02 L
16 12 78	1640			.3		0.8	0.001L	0.08	0.02 L	0.05	0.03 L	0.005L	0.02	0.02 L	0.02 L
MAXIMUM						15.5	0.006	0.68	0.04	0.100	0.03	0.005	0.04	0.40	0.02
AVG OR GEOM MN (*)						5.0	0.003D	0.348	0.025D	0.053	0.030D	0.005D	0.025D	0.246D	0.018D
MINIMUM						0.8	0.001	0.08	0.020	0.040	0.03	0.005	0.010	0.02	0.002
NO OF SAMPLES						9	8	8	8	8	8	8	8	8	8

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: HIGHWAY 17 CONISTON
STATION TYPE: RIVER

STATION ID: 03-0134-005-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL
STORET CODE: 02
002
5500

STN NO: 5 LAT: LONG: U T M: 17 0512100.0 5148750.0 4 REGION: 05 MILEAGE: 55.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78	1320			.3		24665	3 6 9	1.0	8.0	1.0	0.240	0.006	0.176	0.950	0.007
15 05 78	1730			.3		24711	3 6 9	13.0	7.0	0.8	0.043	0.022	0.124	0.500	0.004
12 06 78	1330			.3		24751	6 8	15.0	7.0	0.8	0.013	0.001L	0.028	0.400	0.005
10 07 78	1850			.3		24797	6 8	18.0	7.0	1.0	0.019	0.002	0.008	0.520	0.003
20 08 78	1820			.3		24843	6 8	19.0	8.0	0.4	0.013	0.002	0.016	0.380	0.002
17 09 78	1800			.3		24888	6 8	12.0	8.0	0.4	0.010	0.001	0.004	0.340	0.002
16 10 78	1315			.3		24934	6 8	5.0	9.0	0.8	0.042	0.002	0.011	0.330	0.002
19 11 78	1915			.3		24980	6 8	0.0	9.0	0.2	0.018	0.003	0.025	0.320	0.002
16 12 78	1830			.3		25026	6 8	0.0	9.0	0.4	0.009	0.001	0.052	0.28	0.003
MAXIMUM								19.0	9.0	1.0	0.240	0.022	0.176	0.950	0.007
AVG OR GEOM MN (*)								9.2	8.0	0.6	0.045	0.004D	0.049	0.447	0.003
MINIMUM								0.0	7.0	0.2	0.009	0.001	0.004	0.28	0.002
NO OF SAMPLES								9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
17 04 78	1320			.3		0.880	1.063	0.774	1.837	570.0	487.0		83	128	103.00
15 05 78	1730			.3		0.575	0.703	0.376	1.079	174.0	34.0		140	215	8.10
12 06 78	1330			.3		0.070	0.103	0.372	0.475	352.0	4.5	348		495	3.40
10 07 78	1850			.3		0.005	0.016	0.512	0.528	394.0	6.3	388		490	2.30
20 08 78	1820			.3		0.008	0.026	0.364	0.390	682.0	3.1	679		870	3.10
17 09 78	1800			.3		0.085	0.091	0.336	0.427	254.0	3.5		250	385	2.10
16 10 78	1315			.3		0.270	0.283	0.319	0.602	250.0	6.3		244	375	4.30
19 11 78	1915			.3		0.743	0.770	0.295	1.065	213.0	18.0		195	300	7.00
16 12 78	1830			.3		0.732	0.787	0.228	1.015	455.	5.	450		590	2.9
MAXIMUM						0.880	1.063	0.774	1.837	682.0	487.0	679	250	870	103.00
AVG OR GEOM MN (*)						0.374	0.427	0.397	0.824	371.6	63.1	466	182	428	15.13
MINIMUM						0.005	0.016	0.228	0.390	174.0	3.1	348	83	128	2.10
NO OF SAMPLES						9	9	9	9	9	9	4	5	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
17 04 78 1320			.3		6.8									
15 05 78 1730			.3		12.0	0.001	0.94	0.04 L	0.09	0.03 L	0.005L	0.05	0.93	0.02 L
12 06 78 1330			.3		28.5	0.002	0.330	0.020L	0.060	0.030L	0.005L	0.020	0.560	0.020L
10 07 78 1850			.3		22.0	0.003	0.300	0.020L	0.060	0.030L	0.005L	0.020	0.410	0.020L
20 08 78 1820			.3		30.5	0.003	0.300	0.020L	0.060	0.030L	0.005L	0.020	0.410	0.020L
17 09 78 1800			.3		16.0	0.001	0.380	0.020L	0.060	0.030L	0.005L	0.020	0.680	0.020L
16 10 78 1315			3		15.0	0.001	0.410	0.020L	0.060	0.030L	0.005L	0.010	1.100	0.020L
19 11 78 1915			.3		12.0	0.001	0.76	0.02 L	0.06	0.03 L	0.005L	0.05	1.1	0.02
16 12 78 1830			.3		20.	0.001L	0.40	0.02 L	0.04	0.03 L	0.005L	0.04	1.5	0.02 L
MAXIMUM					30.5	0.003	0.94	0.04	0.09	0.03	0.005	0.05	1.5	0.02
AVG OR GEOM MN (*)					18.1	0.002D	0.478	0.023D	0.061	0.030D	0.005D	0.029	0.836	0.020D
MINIMUM					6.8	0.001	0.300	0.020	0.04	0.03	0.005	0.010	0.410	0.02
NO OF SAMPLES					9	8	8	8	8	8	8	8	8	8

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER CONISTON
STATION TYPE: RIVER

STATION ID: 03-0134-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 6 LAT: LONG: U T M: 17 0513700.0 5146600.0 4 REGION: 05 MILEAGE: 52.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
17 04 78 1450			.3		24668	3 6 9			1.0	7.0	1.0	0.410	0.019	0.340
15 05 78 1850			.3		24714	3 6 9			13.0	7.0	0.5	0.057	0.006	0.218
12 06 78 1440			.3		24754	6 8			15.0	7.0	5.4	0.220	0.077	0.610
10 07 78 2005			.3		24800	6 8	100.	40.	18.0	6.0	2.0	0.081	0.037	0.208
20 08 78 1925			.3		24846	6 8			19.0	7.0	0.6	0.093	0.057	0.052
17 09 78 1900			.3		24891	6 8			12.0	8.0	0.4	0.048	0.010	0.220
16 10 78 1435			.3		24937	6 8			5.0	8.0	0.2	0.034	0.017	0.352
19 11 78 2025			.3		24983	6 8			0.0	8.0	0.2	0.049	0.010	0.127
16 12 78 1935			.3		25029	6 8			0.0	9.0	0.2	0.408	0.021	0.490
MAXIMUM							100.	40.	19.0	9.0	5.4	0.410	0.077	0.610
AVG OR GEOM MN (*)							100.*	40.*	9.2	7.4	1.2	0.156	0.028	0.291
MINIMUM							100.	40.	0.0	6.0	0.2	0.034	0.006	0.052
NO OF SAMPLES							1	1	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 04 78 1450			.3		1.850	0.014	0.900	1.254	1.510	2.764	1048.0	955.0		93
15 05 78 1850			.3		0.730	0.011	0.700	0.929	0.512	1.441	229.0	67.0		162
12 06 78 1440			.3		1.240	0.071	0.290	0.971	0.630	1.601	363.0	12.0	351	
10 07 78 2005			.3		0.730	0.043	0.170	0.421	0.522	0.943	336.0	4.0	332	
20 08 78 1925			.3		0.520	0.032	0.355	0.439	0.468	0.907	582.0	7.3	575	
17 09 78 1900			.3		0.640	0.011	0.185	0.416	0.420	0.836	270.0	10.0		260
16 10 78 1435			.3		0.640	0.005	0.315	0.672	0.288	0.960	248.0	8.2		240
19 11 78 2025			.3		0.470	0.003	0.952	1.082	0.343	1.425	225.0	23.0		202
16 12 78 1935			.3		0.73	0.004	0.716	1.210	0.240	1.450	501.	11.	490	
MAXIMUM					1.850	0.071	0.952	1.254	1.510	2.764	1048.0	955.0	575	260
AVG OR GEOM MN (*)					0.839	0.022	0.509	0.822	0.548	1.370	422.4	121.9	437	191
MINIMUM					0.470	0.003	0.170	0.416	0.240	0.836	225.0	4.0	332	93
NO OF SAMPLES					9	9	9	9	9	9	9	9	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
17 04 78 1450			.3		143	210.00	9.3	37.0	2.80	3.4	11	6.95	22.500	
15 05 78 1850			.3		250	24.00	21.0	66.0	3.40	2.0	16	7.65	2.500	2.0
12 06 78 1440			.3		530	6.00	28.0	178.0	2.20	2.9	43	7.12	0.860	1.0L
10 07 78 2005			.3		455	3.70	23.5	135.0	1.45	0.5	63	8.26	0.720	
20 08 78 1925			.3		760	3.40	27.5	320.0	1.80	0.0	80	8.17	0.520	1.0L
17 09 78 1900			.3		400	6.20	22.5	123.0	3.15	1.3	36	7.78	0.750	1.0L
16 10 78 1435			.3		370	6.50	19.5	128.0	3.60	3.0	28	7.23	1.100	
19 11 78 2025			.3		310	11.00	16.5	95.0	4.00	2.5	20	6.98	0.860	
16 12 78 1935			.3		570	7.2	22.5	215.	5.70	3.5	54	7.52	0.70	
MAXIMUM					760	210.00	28.0	320.0	5.70	3.5	80	8.26	22.500	2.0
AVG OR GEOM MN (*)					421	30.89	21.1	144.1	3.12	2.1	39	7.52	3.390	1.3D
MINIMUM					143	3.40	9.3	37.0	1.45	0.0	11	6.95	0.520	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
17 04 78 1450			.3		45.0	11.80	3.85	4	2.50	7.20	50			
15 05 78 1850			.3		75.0	20.00	6.00	35	2.65	15.00	23	0.001	1.6	0.04 L
12 06 78 1440			.3		199.0	55.00	15.00	42	3.20	25.00	40	0.002	0.730	0.040L
10 07 78 2005			.3		186.0	53.00	13.00	65	2.35	21.00	34	0.003	0.330	0.020L
20 08 78 1925			.3		351.0	102.00	23.50	40	4.30	28.00	30			
17 09 78 1900			.3		13.6	37.00	10.50	27	3.65	22.00	27	0.002	0.490	0.020L
16 10 78 1435			.3		126.0	35.00	9.50	33	3.75	20.00	20	0.001	0.620	0.020L
19 11 78 2025			.3		107.0	29.00	8.50	22	3.20	14.00	42	0.001	1.0	0.02 L
16 12 78 1935			.3		238.	68.	16.5	23	4.50	18.	44	0.001L	0.36	0.02 L
MAXIMUM					351.0	102.00	23.50	65	4.50	28.00	50	0.003	1.6	0.04
AVG OR GEOM MN (*)					149.0	45.64	11.82	32	3.34	18.91	34	0.002D	0.733	0.026D
MINIMUM					13.6	11.80	3.85	4	2.35	7.20	20	0.001	0.330	0.020
NO OF SAMPLES					9	9	9	9	9	9	9	7	7	7

(CONTD)

STATION ID: 03-0134-006-02

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER CONISTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 6   LAT: LONG: U T M: 17 0513700.0 5146600.0 4   REGION: 05   MILEAGE: 52.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
17 04 78 1450			.3						0.510		
15 05 78 1850			.3		0.22	0.03 L	0.005L	0.05	0.176	1.4	0.03
12 06 78 1440			.3		0.110	0.030L	0.005L	0.020	0.250	2.800	0.050
10 07 78 2005			.3		0.040	0.030L	0.005L	0.010	0.080	0.850	0.020L
20 08 78 1925			.3						0.060		
17 09 78 1900			.3		0.220	0.030L	0.005	0.020	0.205	1.800	0.050
16 10 78 1435			.3		0.200	0.030L	0.005L	0.020	0.190	2.300	0.050
19 11 78 2025			.3		0.13	0.03 L	0.005L	0.06	0.160	1.6	0.04
16 12 78 1935			.3		0.05	0.03 L	0.005L	0.04	0.176	1.8	0.02 L
MAXIMUM					0.22	0.03	0.005	0.06	0.510	2.800	0.050
AVG OR GEOM MN (*)					0.139	0.030D	0.005D	0.031	0.201	1.793	0.037D
MINIMUM					0.040	0.03	0.005	0.010	0.060	0.850	0.020
NO OF SAMPLES					7	7	7	7	9	7	7

STATION ID: 03-0134-008-02

B.O.W./ SITE: WANAPITEI RIVER
SAMPLE POINT: AT TIMMINS CHUTE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 8   LAT: LONG: U T M: 17 0522300.0 5151850.0 4   REGION: 05   MILEAGE: 59.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 1235			.3		24664	3 6 8	1.0	12.0	0.6	0.008	0.005	0.008	0.190	0.002
15 05 78 1230			.3		24708	3 6 8	13.0	11.0	0.4	0.010	0.001	0.014	0.260	0.003
12 06 78 1145			.3		24748	6 8	15.0	11.0	0.2	0.004	0.001L	0.006	0.200	0.003
10 07 78 1725			.3		24794	6 8	17.0	10.0	0.6	0.007	0.001L	0.016	0.230	0.002
20 08 78 1700			.3		24840	6 8	18.0	12.0	0.2	0.010	0.003	0.024	0.230	0.002
17 09 78 1710			.3		24885	6 8	12.0	12.0	0.4	0.008	0.001	0.022	0.250	0.004
16 10 78 1145			.3		24931	6 8	5.0	12.0	0.4	0.008	0.001	0.009	0.260	0.002
19 11 78 1750			.3		24977	6 8	0.0	13.0	0.2	0.006	0.003	0.008	0.190	0.001
16 12 78 1705			.3		25023	6 8	0.0	13.0	0.4	0.008	0.001L	0.006	0.17	0.001
MAXIMUM							18.0	13.0	0.6	0.010	0.005	0.024	0.260	0.004
AVG OR GEOM MN (*)							9.0	11.8	0.4	0.008	0.002D	0.013	0.220	0.002
MINIMUM							0.0	10.0	0.2	0.004	0.001	0.006	0.17	0.001
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 04 78 1235			.3		0.240	0.250	0.182	0.432	60.0	9.1	51	79	1.20	0.7
15 05 78 1230			.3		0.070	0.087	0.246	0.333	41.0	1.8	39	60	1.50	0.5
12 06 78 1145			.3		0.175	0.184	0.194	0.378	50.0	1.5	49	76	0.80	0.5
10 07 78 1725			.3		0.135	0.153	0.214	0.367	52.0	2.7	49	76	1.00	0.5
20 08 78 1700			.3		0.108	0.134	0.206	0.340	52.0	1.5	50	77	1.00	0.6
17 09 78 1710			.3		0.165	0.191	0.228	0.419	50.0	0.9	49	75	1.30	0.6
16 10 78 1145			.3		0.220	0.231	0.251	0.482	50.0	0.7	49	76	1.50	0.6
19 11 78 1750			.3		0.259	0.268	0.182	0.450	52.0	1.0	51	78	1.30	0.6
16 12 78 1705			.3		0.239	0.246	0.164	0.410	52.	2.	50	77	0.45	0.6
MAXIMUM					0.259	0.268	0.251	0.482	60.0	9.1	51	79	1.50	0.7
AVG OR GEOM MN (*)					0.179	0.194	0.207	0.401	51.0	2.4	49	75	1.12	0.6
MINIMUM					0.070	0.087	0.164	0.333	41.0	0.7	39	60	0.45	0.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L
17 04 78 1235			.3											1.
15 05 78 1230			.3		0.001	0.22	0.04 L	0.04	0.03 L	0.005L	0.02	0.04	0.02 L	1. L
12 06 78 1145			.3		0.001	0.150	0.040L	0.060	0.030L	0.005L	0.010	0.040	0.002L	1. L
10 07 78 1725			.3		0.001	0.220	0.020L	0.040	0.030L	0.005L	0.010	0.020	0.020L	
20 08 78 1700			.3											1. L
17 09 78 1710			.3		0.001	0.300	0.020L	0.010	0.030L	0.005L	0.010L	0.020	0.020L	
16 10 78 1145			.3		0.001	0.360	0.020L	0.020	0.030L	0.005L	0.010L	0.020L	0.020L	1.
19 11 78 1750			.3		0.005	0.30	0.02 L	0.04	0.03 L	0.005L	0.01 L	0.03	0.02	1. L
16 12 78 1705			.3		0.001L	0.08	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L	0.02 L	
MAXIMUM					0.005	0.360	0.04	0.060	0.03	0.005	0.02	0.04	0.02	1.
AVG OR GEOM MN (*)					0.002D	0.233	0.026D	0.031D	0.030D	0.005D	0.011D	0.027D	0.017D	1. D
MINIMUM					0.001	0.08	0.020	0.010	0.03	0.005	0.010	0.020	0.002	1.
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
17 04 78 1235			.3		2.	1. L	3.	1. L	10. L
15 05 78 1230			.3		1. L	1. L	5.	1. L	10. L
12 06 78 1145			.3		1.	1. L	3.	1. L	10. L
20 08 78 1700			.3		1.	1. L	3.	1. L	10. L
16 10 78 1145			.3		2.	1. L	5.	1. L	10. L
19 11 78 1750			.3		1. L	1. L	3.	1. L	10. L
MAXIMUM					2.	1.	5.	1.	10.
AVG OR GEOM MN (*)					1. D	1. D	3.	1. D	10. D
MINIMUM					1.	1.	3.	1.	10.
NO OF SAMPLES					6	6	6	6	6

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH ROMFORD CR
STATION TYPE: RIVER

STATION ID: 03-0134-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 12 LAT: LONG: U T M: 17 0512900.0 5147775.0 4 REGION: 05 MILEAGE: 53.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 1420			.3		24667	3 9 9	1.0	8.0	0.8	0.280	0.022	0.332	1.150	0.015
15 05 78 1820			.3		24713	3 6 9	13.0	8.0	0.4	0.055	0.007	0.218	0.690	0.012
12 06 78 1415			.3		24753	6 8	15.0	7.0	4.8	0.220	0.081	0.580	1.300	0.071
10 07 78 1940			.3		24799	6 8	18.0	7.0	2.0	0.081	0.036	0.212	0.760	0.045
20 08 78 1850			.3		24845	6 8	19.0	6.0	0.8	0.083	0.051	0.066	0.510	0.035
17 09 78 1835			.3		24890	6 8	12.0	7.0	0.6	0.040	0.007	0.224	0.620	0.011
16 10 78 1415			.3		24936	6 8	5.0	7.0	0.2	0.033	0.014	0.375	0.620	0.005
19 11 78 2000			.3		24982	6 8	0.0	8.0	0.2	0.032	0.005	0.129	0.440	0.003
16 12 78 1910			.3		25028	6 8 4	0.0	8.0	0.2	0.086	0.025	0.480	0.77	0.004
MAXIMUM							19.0	8.0	4.8	0.280	0.081	0.580	1.300	0.071
AVG OR GEOM MN (*)							9.2	7.3	1.1	0.101	0.028	0.291	0.762	0.022
MINIMUM							0.0	6.0	0.2	0.032	0.005	0.066	0.440	0.003
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
17 04 78 1420			.3		0.895	1.242	0.818	2.060	1033.0	941.0		92	142	230.00
15 05 78 1820			.3		0.700	0.930	0.472	1.402	225.0	63.0		162	250	24.00
12 06 78 1415			.3		0.290	0.941	0.720	1.661	348.0	11.0	337		520	6.70
10 07 78 1940			.3		0.170	0.427	0.548	0.975	341.0	4.5	337		455	3.50
20 08 78 1850			.3		0.360	0.461	0.444	0.905	588.0	6.0	582		760	3.20
17 09 78 1835			.3		0.180	0.415	0.396	0.811	270.0	10.0		260	400	6.50
16 10 78 1415			.3		0.315	0.695	0.245	0.940	249.0	8.7		240	370	6.60
19 11 78 2000			.3		0.912	1.044	0.311	1.355	230.0	28.0		202	310	15.00
16 12 78 1910			.3		0.711	1.195	0.290	1.485	512.	10.	502		590	7.0
MAXIMUM					0.912	1.242	0.818	2.060	1033.0	941.0	582	260	760	230.00
AVG OR GEOM MN (*)					0.504	0.817	0.472	1.288	421.8	120.2	440	191	422	33.61
MINIMUM					0.170	0.415	0.245	0.811	225.0	4.5	337	92	142	3.20
NO OF SAMPLES					9	9	9	9	9	9	4	5	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
17 04 78 1420			.3		9.2	37.0	2.80	3.8	11	6.89	15.500		45.0	11.80
15 05 78 1820			.3		20.5	65.0	3.45	1.9	16	7.67	2.100	4.0	74.0	19.80
12 06 78 1415			.3		28.0	178.0	2.20	2.2	43	7.18	0.890	1.0L	202.0	56.00
10 07 78 1940			.3		23.5	139.0	1.40	0.0	64	8.31	0.700		186.0	53.00
20 08 78 1850			.3		27.5	325.0	1.85	0.0	81	8.32	0.520	1.0L	353.0	102.00
17 09 78 1835			.3		22.5	125.0	3.15	1.8	35	7.74	0.700	1.0L	13.6	37.00
16 10 78 1415			.3		19.5	125.0	3.60	2.5	28	7.34	1.000		124.0	34.00
19 11 78 2000			.3		17.0	97.0	4.00	2.8	20	7.06	0.920		107.0	29.00
16 12 78 1910			.3		22.5	163.	5.20	3.8	53	7.46	0.71		238.	69.
MAXIMUM					28.0	325.0	5.20	3.8	81	8.32	15.500	4.0	353.0	102.00
AVG OR GEOM MN (*)					21.1	139.3	3.07	2.1	39	7.55	2.560	1.8D	149.2	45.73
MINIMUM					9.2	37.0	1.40	0.0	11	6.89	0.520	1.0	13.6	11.80
NO OF SAMPLES					9	9	9	9	9	9	9	4	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
17 04 78 1420			.3		3.85	4	3.10	7.40	36					
15 05 78 1820			.3		6.00	30	2.70	15.00	27	0.001	1.7	0.04 L	0.24	0.03 L
12 06 78 1415			.3		15.00	41	3.30	25.00	40	0.001	0.720	0.040L	0.130	0.030L
10 07 78 1940			.3		13.00	67	2.30	21.00	36	0.002	0.080	0.020L	0.090	0.030L
20 08 78 1850			.3		24.00	40	4.40	28.00	38					
17 09 78 1835			.3		10.50	27	3.65	21.00	15	0.001	0.590	0.020L	0.190	0.030L
16 10 78 1415			.3		9.50	35	3.75	20.00	25	0.001	0.710	0.020L	0.220	0.030L
19 11 78 2000			.3		8.50	19	3.20	14.00	40	0.001	1.3	0.02 L	0.24	0.03 L
16 12 78 1910			.3		16.	25	4.50	18.	62	0.001L	0.40	0.02 L	0.06	0.03 L
MAXIMUM					24.00	67	4.50	28.00	62	0.002	1.7	0.04	0.24	0.03
AVG OR GEOM MN (*)					11.82	32	3.43	18.82	35	0.001D	0.786	0.026D	0.167	0.030D
MINIMUM					3.85	4	2.30	7.40	15	0.001	0.080	0.020	0.06	0.03
NO OF SAMPLES					9	9	9	9	9	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
17 04 78 1420			.3				0.460		
15 05 78 1820			.3		0.005L	0.06	0.176	1.5	0.02
12 06 78 1415			.3		0.005L	0.030	0.250	2.900	0.030
10 07 78 1940			.3		0.005L	0.010	0.078	0.880	0.020L
20 08 78 1850			.3				0.060		
17 09 78 1835			.3		0.005L	0.020	0.205	1.700	0.030
16 10 78 1415			.3		0.005L	0.050	0.190	2.300	0.040
19 11 78 2000			.3		0.005L	0.08	0.156	1.7	0.04
16 12 78 1910			.3		0.005L	0.04	0.180	1.7	0.02 L
MAXIMUM					0.005	0.08	0.460	2.900	0.040
AVG OR GEOM MN (*)					0.0050	0.041	0.195	1.811	0.0290
MINIMUM					0.005	0.010	0.060	0.880	0.02
NO OF SAMPLES					7	7	9	7	7

STATION ID: 03-0134-013-02

B.O.W./ SITE: ROMFORD CREEK
SAMPLE POINT: UPSTREAM FROM JUNCTION WITH CONISTON CR
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO: 13 LAT: LONG: U T M: 17 0512500.0 5147800.0 4 REGION: 05 MILEAGE: 55.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 1345			.3		24666	3 6 9	1.0	7.0	1.0	0.210	0.009	0.710	1.500	0.010
15 05 78 1755			.3		24712	3 6 9	13.0	6.0	0.5	0.023	0.002	0.282	0.850	0.038
12 06 78 1350			.3		24752	6 8	15.0	6.0	3.2	0.076	0.007	0.180	1.020	0.018
10 07 78 1915			.3		24798	6 8	18.0	6.0	1.6	0.026	0.001L	0.018	0.830	0.003
20 08 78 1835			.3		24844	6 8	20.0	5.0	1.0	0.039	0.005	0.112	0.650	0.003
17 09 78 1815			.3		24889	6 8	13.0	6.0	0.2	0.013	0.003	0.010	0.420	0.002
16 10 78 1345			.3		24935	6 8	5.0	6.0	0.5	0.010	0.002	0.009	0.300	0.002
19 11 78 1940			.3		24981	6 8	1.0	7.0	0.2	0.034	0.003	0.015	0.520	0.002
16 12 78 1845			.3		25027	2								
MAXIMUM							20.0	7.0	3.2	0.210	0.009	0.710	1.500	0.038
AVG OR GEOM MN (*)							10.8	6.1	1.0	0.054	0.004D	0.167	0.761	0.010
MINIMUM							1.0	5.0	0.2	0.010	0.001	0.009	0.300	0.002
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
17 04 78 1345			.3		1.030	1.750	0.790	2.540	538.0	452.0		86	132	150.00
15 05 78 1755			.3		1.310	1.630	0.568	2.198	221.0	33.0		188	290	16.00
12 06 78 1350			.3		0.400	0.598	0.840	1.438	312.0	31.0	281		485	23.00
10 07 78 1915			.3		0.010	0.031	0.812	0.843	499.0	1.9	497		700	2.40
20 08 78 1835			.3		0.010	0.125	0.538	0.663	312.0	3.5	308	247	455	1.80
17 09 78 1815			.3		0.095	0.107	0.410	0.517	250.0	2.5		162	380	4.10
16 10 78 1345			.3		0.320	0.331	0.291	0.622	164.0	2.4		189	250	2.90
19 11 78 1940			.3		1.450	1.467	0.505	1.972	209.0	20.0			290	10.00
MAXIMUM					1.450	1.750	0.840	2.540	538.0	452.0	497	247	700	150.00
AVG OR GEOM MN (*)					0.578	0.755	0.594	1.349	313.1	68.3	362	174	373	26.28
MINIMUM					0.010	0.031	0.291	0.517	164.0	1.9	281	86	132	1.80
NO OF SAMPLES					8	8	8	8	8	8	3	5	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
17 04 78 1345			.3		11.0	26.5	2.80	7.3	13	6.72	24.500		34.0	8.20
15 05 78 1755			.3		43.5	41.5	2.95	3.7	30	7.82	1.300	2.0	65.0	16.00
12 06 78 1350			.3		77.0	56.0	1.00	3.9	60	7.16	3.150	1.0	116.0	30.00
10 07 78 1915			.3		85.0	112.0	0.20	0.9	129	8.17	0.340		238.0	64.00
20 08 78 1835			.3		56.0	67.0	0.60	1.8	86	7.82	0.210	1.0L	302.0	45.00
17 09 78 1815			.3		49.0	80.0	3.30	3.2	7	7.32	0.230	1.0L	90.0	23.00
16 10 78 1345			.3		28.0	46.5	3.00	2.6		7.29	0.210		62.0	15.00
19 11 78 1940			.3		36.0	48.0	4.15	3.3	28	7.07	0.470		73.0	17.00
MAXIMUM					85.0	112.0	4.15	7.3	129	8.17	24.500	2.0	302.0	64.00
AVG OR GEOM MN (*)					48.2	59.7	2.25	3.3	50	7.42	3.801	1.3D	122.5	27.28
MINIMUM					11.0	26.5	0.20	0.9	7	6.72	0.210	1.0	34.0	8.20
NO OF SAMPLES					8	8	8	8	7	8	8	4	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
17 04 78 1345			.3		3.20	4	3.10	8.00	42					
15 05 78 1755			.3		6.00	35	5.90	28.00	19	0.001	0.94	0.04 L	0.22	0.03 L
12 06 78 1350			.3		10.00	54	5.80	48.00	51	0.005	3.700	0.040	0.140	0.030L
10 07 78 1915			.3		19.00	67	7.40	48.00	49	0.004	0.050L	0.020L	0.100	0.030L
20 08 78 1835			.3		19.00	38	4.30	32.00	51					
17 09 78 1815			.3		8.00	22	6.40	32.00	25	0.001L	0.590	0.020L	0.250	0.030L
16 10 78 1345			.3		6.00	26	4.85	20.00	16	0.001	0.420	0.020L	0.140	0.030L
19 11 78 1940			.3		7.50	21	5.50	23.00	51	0.001	0.86	0.02 L	0.16	0.03 L
16 12 78 1845			.3					23.00	51	0.001	0.86	0.02 L	0.16	0.03 L
MAXIMUM					19.00	67	7.40	48.00	51	0.005	3.700	0.04	0.250	0.03
AVG OR GEOM MN (*)					9.84	33	5.41	29.11	39	0.002D	1.060D	0.026D	0.167	0.030D
MINIMUM					3.20	4	3.10	8.00	16	0.001	0.050	0.020	0.100	0.03
NO OF SAMPLES					8	8	8	9	9	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L
17 04 78 1345			.3				0.700							
15 05 78 1755			.3		0.005L	0.07	0.230	1.2	0.02 L					
12 06 78 1350			.3		0.005L	0.130	0.328	0.770	0.020L					
10 07 78 1915			.3		0.005L	0.010	0.054	0.490	0.020L	4.	1. L	1. L	5.	1. L
20 08 78 1835			.3				0.023							
17 09 78 1815			.3		0.005L	0.090	0.380	1.900	0.070					
16 10 78 1345			.3		0.005L	0.030	0.176	1.100	0.020					
19 11 78 1940			.3		0.005L	0.06	0.200	1.3	0.04					
16 12 78 1845			.3		0.005L	0.06	0.200	1.3	0.04					
MAXIMUM					0.005	0.130	0.700	1.900	0.070	4.	1.	1.	5.	1.
AVG OR GEOM MN (*)					0.005D	0.064	0.255	1.151	0.033D	4.	1. D	1. D	5.	1. D
MINIMUM					0.005	0.010	0.023	0.490	0.02	4.	1.	1.	5.	1.
NO OF SAMPLES					7	7	9	7	7	1	1	1	1	1

(C O N T D)

```
                                         456
SAMP DTE HOUR   STN  STN SAMP  PJ    URANIUM
DY MO YR LMT    DIST BRG DEPTH           238
                FEET      MTRS          UG/L

10 07 78 1915                .3        10. L

                        MAXIMUM        10.
            AVG OR GEOM MN (*)         10. D
                        MINIMUM        10.

                 NO OF SAMPLES           1


 B.O.W./ SITE: WANAPITEI RIVER                                                          STATION ID:  03-0134-015-82
 SAMPLE POINT: AT HIGHWAY NO 637 9.5 MILES WEST OF HIGHWAY NO 69
 STATION TYPE: RIVER COMPOSITE                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                 MINOR BASIN: LAKE HURON                                        002
                                                 TERM STREAM: FRENCH RIVER WEST CHANNEL                         5500

STN NO:     15     LAT:                LONG:             U T M: 17 0505900.0 5111250.0 4    REGION: 05         MILEAGE:    16.50

                                      934      901        80        81        84       805        3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE      SCD     TOTAL     FECAL     M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH         NO           COLIFORM  COLIFORM    ENTER.     TEMP.       O2       BOD        P   REACTIVE
                FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

08 01 78 1030                .3     24512    6 8 4                                 0.0      12.0       0.2     0.007     0.001
12 02 78 1000                .3     24554    4 6 8     72.        2.        2.      0.0      12.0       0.2     0.014     0.002
12 03 78 0910                .3     24596    4 6 8     36.        2.  L     4.      0.0      11.0       0.2     0.001     0.001L
14 04 78 1840                .3     24628    3 6 8                                 1.0      11.0       0.6     0.024     0.005
12 05 78 2045                .3     24686    3 6 9                                12.0      10.0       0.6     0.016     0.003
09 06 78 1920                .3     24719    6 8                                  14.0      11.0       0.2     0.013     0.003
08 07 78 1845                .3     24759    6 8                                  16.0      11.0       1.8     0.009     0.001L
05 08 78 1730                .3     24805    6 8                                  18.0      12.0       0.2     0.012     0.003
07 09 78 1810                .3     24851    6 8                                  15.0      12.0       0.2     0.019     0.022
05 10 78 2045                .3     24896    3 6 8                                 8.0      12.0       0.2     0.027     0.001
03 11 78 1830                .3     24942    6 8                                   3.0      11.0       0.4     0.018     0.005
07 12 78 1650                .3     24988    6 8                                   0.0      12.0       0.2     0.005     0.001L

                        MAXIMUM                        72.        2.        4.     18.0      12.0       1.8     0.027     0.022
            AVG OR GEOM MN (*)                         51.*       2.* D     3.*     7.3      11.4       0.4     0.014     0.004D
                        MINIMUM                        36.        2.        2.      0.0      10.0       0.2     0.001     0.001

                 NO OF SAMPLES                           2         2         2       12        12        12        12        12

                                      19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT    DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

08 01 78 1030                .3      0.016     0.19      0.001     0.229     0.246     0.174     0.420      66.0       9.6        56
12 02 78 1000                .3      0.076     0.310     0.001     0.079     0.156     0.234     0.390      58.0       1.5        56
12 03 78 0910                .3      0.026     0.370     0.001     0.254     0.281     0.344     0.625      57.0       1.1        56
14 04 78 1840                .3      0.164     0.460     0.005     0.605     0.774     0.296     1.070     112.0      26.0        86
12 05 78 2045                .3      0.046     0.320     0.004     0.175     0.225     0.274     0.499      74.0      10.0        64
09 06 78 1920                .3      0.030     0.270     0.003     0.175     0.208     0.240     0.448      60.0       5.1        55
08 07 78 1845                .3      0.038     0.340     0.003     0.135     0.176     0.302     0.478      61.0       2.4        59
05 08 78 1730                .3      0.024     0.250     0.017     0.203     0.244     0.226     0.470      82.0       7.0        75



07 09 78 1810                .3      0.054     0.180     0.005     0.005L    0.064     0.126     0.190     126.0      58.0        68
05 10 78 2045                .3      0.012     0.220     0.003     0.210     0.225     0.208     0.433      81.0      24.0        57
03 11 78 1830                .3      0.010     0.180     0.003     0.222     0.235     0.170     0.405      59.0       4.2        55
07 12 78 1650                .3      0.030     0.200     0.001     0.294     0.325     0.170     0.495      59.0       2.3        57

                        MAXIMUM      0.164     0.460     0.017     0.605     0.774     0.344     1.070     126.0      58.0        86
            AVG OR GEOM MN (*)       0.044     0.274     0.004     0.216D    0.263     0.230     0.494      74.6      12.6        62
                        MINIMUM      0.010     0.180     0.001     0.005     0.064     0.126     0.190      57.0       1.1        55

                 NO OF SAMPLES         12        12        12        12        12        12        12        12        12        12

                                      14        16        56        59       280        55       208        25        47        41
SAMP DTE HOUR   STN  STN SAMP  PJ    COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD
DY MO YR LMT    DIST BRG DEPTH         25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C
                FEET      MTRS       UMHOS     UNITS                MG/L   SI MG/L                MG/L      UG/L      MG/L      MG/L

08 01 78 1030                .3         86     4.70       1.0      21.0      2.20      6.31     0.420                           22
12 02 78 1000                .3         86     1.30       0.9      20.5      2.25      7.56     0.140                           25
12 03 78 0910                .3         87     1.50       1.0      21.0      2.20      7.10     0.120                 5.0       24
14 04 78 1840                .3        133    15.00       7.7      28.5      3.30      6.62     1.350                 4.3       52
12 05 78 2045                .3         99     5.60       5.9      26.0      2.55      6.63     0.550       3.0       5.0       25
09 06 78 1920                .3         86     1.70       1.0      21.0      2.15      7.08     0.320       1.0L      4.0       22
08 07 78 1845                .3         91     1.70       1.1      22.0      1.95      7.12     0.210       1.0L      4.6       18
05 08 78 1730                .3        115     3.40       1.9      29.0      2.05      7.78     0.350                 4.8       23
07 09 78 1810                .3        105     3.40       2.7      26.0      2.20      7.39     0.400       1.0L      4.6       24
05 10 78 2045                .3         88     8.10       1.9      24.0      2.45      7.29     0.760       1.0       5.4       25
03 11 78 1830                .3         84     2.20       0.9      19.5      2.45      7.35     0.210                 4.2       14
07 12 78 1650                .3         88     1.60       1.1      22.0      2.55      6.83     0.160                 4.2       10L

                        MAXIMUM        133    15.00       7.7      29.0      3.30      7.78     0.760       3.0       5.4       52
            AVG OR GEOM MN (*)          96     4.18       2.3      23.4      2.36      7.09     0.332       1.4D      4.6       24D
                        MINIMUM         84     1.30       0.9      19.5      1.95      6.31     0.120       1.0       4.0       10

                 NO OF SAMPLES          12       12        12        12        12        12        12         5        10        12

                                     265       203       221       225       229       215       249       238       217
SAMP DTE HOUR   STN  STN SAMP  PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH     ARSENIC  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL    COBALT
                FEET      MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

14 04 78 1840                .3      0.002     1.300     0.040L    0.080     0.030L    0.005L    0.040     0.500     0.020L
09 06 78 1920                .3      0.001     0.240     0.070     0.120     0.030L    0.005L    0.010L    0.020     0.020L
08 07 78 1845                .3      0.003     0.240     0.020L    0.070     0.030L    0.005L    0.020     0.020     0.020L
03 11 78 1830                .3      0.001     0.180     0.020L    0.020     0.030L    0.005L    0.010L    0.060     0.020L

                        MAXIMUM      0.003     1.300     0.070     0.120     0.030     0.005     0.040     0.500     0.020
            AVG OR GEOM MN (*)       0.002     0.490     0.038D    0.073     0.030D    0.005D    0.020D    0.150     0.020D
                        MINIMUM      0.001     0.180     0.020     0.020     0.030     0.005     0.010     0.020     0.020

                 NO OF SAMPLES           4         4         4         4         4         4         4         4         4
```

STATION ID: 04-0001-001-02

B.O.W./ SITE: LITTLE RIVER
SAMPLE POINT: AT RIVERSIDE DRIVE WINDSOR
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LITTLE RIVER

STORET CODE: 02
003
2750

STN NO: 1 LAT: LONG: U T M: 17 0339950.0 4688950.0 4 REGION: 01 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1530			.3		40011	4					3.0	11.3	0.5	0.058
21 02 78 1730			.3		40025	4	192.	4.	4. L	4. L	5.0	7.6	2.0	0.075
13 03 78 1600			.3		40051	6	10. L	10. L	10. L	4. L	6.0	10.3	18.4	0.775
10 04 78 1605			.3		40078	6	10. L	4. L	4. L	4. L	9.2	12.0	3.2	0.224
24 05 78 1510			.3		40102	6	31000. G	16.	32.	4. L	20.8	5.8	3.2	0.184
12 06 78 1605			.3		40126	6 9	3700.	228.	144.	4. L	19.9	4.8	4.8	0.250
17 07 78 1150			.3		40157	6 9	9200.	324.	44.	4.	22.8	5.0	3.6	0.365
08 08 78 1427			.3		40184	6 9	44000.	170.	48.	52.	24.0	5.6	3.6	0.420
18 09 78 1545			.3		40210	6	54000.	1500. G	410.	370.	22.0	3.9	5.2	0.770
16 10 78 1600			.3		40241	6	76000.	1500. G	1500. G	24.	12.7	5.8	7.6	1.120
28 11 78 1500			.3		40272	6 0	32000.	340.	170.	4. L	7.8	9.5	4.8	0.690
11 12 78 1445			.3		40292	4					6.0	8.6	3.0	0.310
MAXIMUM							76000.	1500.	1500.	370.	24.0	12.0	18.4	1.120
AVG OR GEOM MN (*)							3212.* E	87.* E	53.* E	10.* D	13.3	7.5	5.0	0.437
MINIMUM							10.	4.	4.	4.	3.0	3.9	0.5	0.058
NO OF SAMPLES							10	10	10	10	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1530			.3		0.041	1.310	1.430	0.023	1.210	2.543	0.120	2.663	192.0	1.5
21 02 78 1730			.3		0.067	1.100	1.480	0.021	1.040	2.161	0.380	2.541	204.0	4.0
13 03 78 1600			.3		0.315	2.920	5.350	0.155	3.380	6.455	2.430	8.885	748.0	19.0
10 04 78 1605			.3		0.091	0.625	1.770	0.040	5.400	6.065	1.145	7.210	648.0	12.5
24 05 78 1510			.3		0.045	0.430	2.800	0.345	5.500	6.275	2.370	8.645	556.0	16.0
12 06 78 1605			.3		0.023	2.800	4.150	0.630	9.000	12.430	1.350	13.780	550.0	35.0
17 07 78 1150			.3		0.124	1.180	2.180	0.370	6.000	7.550	1.000	8.550	506.0	22.0
08 08 78 1427			.3		0.114	3.980	4.900	0.134	6.290	10.404	0.920	11.324	414.0	17.0
18 09 78 1545			.3		0.245	3.050	7.900	0.135	0.850	4.035	4.850	8.885	404.0	33.0
16 10 78 1600			.3		0.345	9.300	14.500	0.278	2.540	12.118	5.200	17.318	530.0	10.0
28 11 78 1500			.3		0.149	6.650	8.600	1.180	3.900	11.730	1.950	13.680	680.0	15.0
11 12 78 1445			.3		0.089	3.950	5.250	0.870	6.000	10.820	1.300	12.120	564.0	10.0
MAXIMUM					0.345	9.300	14.500	1.180	9.000	12.430	5.200	17.318	748.0	35.0
AVG OR GEOM MN (*)					0.137	3.108	5.026	0.348	4.259	7.716	1.918	9.633	499.7	16.3
MINIMUM					0.023	0.430	1.430	0.021	0.850	2.161	0.120	2.541	192.0	1.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
24 01 78 1530			.3		191	350	3.90	23.5	8.11	1.0L
21 02 78 1730			.3		200	400	3.90	25.5	7.83	
13 03 78 1600			.3		729	1270	15.00	225.0	7.48	
10 04 78 1605			.3		636	940	16.00	95.0	7.32	
24 05 78 1510			.3		540	860	10.00	82.5	7.47	
12 06 78 1605			.3		515	785	23.00	65.0	7.22	
17 07 78 1150			.3		484	759	17.00	87.0	7.53	
08 08 78 1427			.3		397	665	11.00	73.0	7.28	
18 09 78 1545			.3		371	630	42.00	65.0		
16 10 78 1600			.3		520	840	13.00	60.0	7.56	
28 11 78 1500			.3		665	1120	10.00	152.0	7.48	
11 12 78 1445			.3		554	940	5.00	120.0	7.50	
MAXIMUM					729	1270	42.00	225.0	8.11	1.0
AVG OR GEOM MN (*)					483	797	14.15	89.5	7.53	1.0D
MINIMUM					191	350	3.90	23.5	7.22	1.0
NO OF SAMPLES					12	12	12	12	11	1

STATION ID: 04-0003-002-02

B.O.W./ SITE: MANNING DRAIN
SAMPLE POINT: AT ESSEX COUNTY ROADS 2 AND 9 TECUMSEH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: MANNING DRAIN

STORET CODE: 02
003
2756

STN NO: 2 LAT: LONG: U T M: 17 0345850.0 4685925.0 4 REGION: 01 MILEAGE: 0.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
13 03 78 1610			.3		40052	6	38000.	640.	3400.	212.	0.8	8.0	6.0	0.450
10 04 78 1550			.3		40077	6	9200.	20.	200.	4. L	16.0	10.8	1.6	0.232
24 05 78 1530			.3		40103	5	1500. G	204.	96.	4. L	24.2	19.8	2.2	0.370
12 06 78 1625			.3		40127	5 9	14200E+1	1500. G	1500. G	4. L	19.4	4.8	7.6	0.835
17 07 78 1220			.3		40158	5 9	2800.	60.	180.	4. L	19.6	6.4	11.2	1.030
08 08 78 1450			.3		40185	5 9	25000.	4800.	600. G	20.	21.6	5.3	6.4	2.400
18 09 78 1555			.3		40211	5 9	28000E+1G	1900.	1500. L	290.	24.5	9.6	3.2	0.350
16 10 78 1615			.3		40242	5 9	15200E+1G	2400.	1500. G	184.	10.0	9.6	2.4	0.400
28 11 78 1515			.3		40273	9	3200.	160.	410.	4.	1.5	15.8	2.4	0.130
MAXIMUM							28000E+1	4800.	3400.	290.	24.5	19.8	11.2	2.400
AVG OR GEOM MN (*)							20741.* U	454.* U	598.* E	18.* D	15.3	10.0	4.8	0.689
MINIMUM							1500.	20.	96.	4.	0.8	4.8	1.6	0.130
NO OF SAMPLES							9	9	9	9	9	9	9	9

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
13 03 78	1610			.3		0.355	1.600	2.800	0.084	1.880	3.564	1.200	4.764	664.0	29.0
10 04 78	1550			.3		0.161	0.575	1.510	0.057	1.300	1.932	0.935	2.867	650.0	11.5
24 05 78	1530			.3		0.216	0.095	1.270	0.051	0.110	0.256	1.175	1.431	666.0	19.0
12 06 78	1625			.3		0.450	3.600	4.980	0.239	0.650	4.489	1.380	5.869	880.0	90.0
17 07 78	1220			.3		0.016	2.900	4.900	0.460	0.500	3.860	2.000	5.860	1164.0	26.0
08 08 78	1450			.3		1.900	13.000	14.800	0.025	1.430	14.455	1.800	16.255	644.0	116.0
18 09 78	1555			.3		0.227	0.115	1.330	0.047	0.220	0.382	1.215	1.597	1048.0	48.0
16 10 78	1615			.3		0.335	0.700	1.850	0.095	0.850	1.645	1.150	2.795	970.0	1.0
28 11 78	1515			.3		0.076	0.240	1.250	0.055	1.070	1.365	1.010	2.375	1082.0	7.0
MAXIMUM						1.900	13.000	14.800	0.460	1.880	14.455	2.000	16.255	1164.0	116.0
AVG OR GEOM MN (*)						0.415	2.536	3.854	0.124	0.890	3.550	1.318	4.868	863.1	38.6
MINIMUM						0.016	0.095	1.250	0.025	0.110	0.256	0.935	1.431	644.0	1.0
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
13 03 78	1610			.3		635	1100	13.00	202.0	7.40
10 04 78	1550			.3		639	980	20.00	105.0	8.04
24 05 78	1530			.3		647	985	8.10	133.0	8.86
12 06 78	1625			.3		790	1120	34.00	195.0	7.76
17 07 78	1220			.3		1138	1395	56.00	77.0	7.70
08 08 78	1450			.3		528	955	44.00	135.0	7.56
18 09 78	1555			.3		1000	1390	24.00	230.0	
16 10 78	1615			.3		969	1380	10.00	240.0	7.56
28 11 78	1515			.3		1075	1710	5.80	360.0	8.32
MAXIMUM						1138	1710	56.00	360.0	8.86
AVG OR GEOM MN (*)						825	1224	23.88	186.3	7.90
MINIMUM						528	955	5.80	77.0	7.40
NO OF SAMPLES						9	9	9	9	8

B.O.W./ SITE: PUCE RIVER
SAMPLE POINT: AT ESSEX COUNTY ROAD 42 SOUTH OF PUCE
STATION TYPE: RIVER

STATION ID: 04-0005-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: PUCE RIVER

STORET CODE: 02
003
2770

STN NO: 3 LAT: LONG: U T M: 17 0352500.0 4681925.0 4 REGION: 01 MILEAGE: 2.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
21 02 78	1645			.3		40024	4	520.	400.	720.	16.	0.5	4.7	3.3	0.252
10 04 78	1520			.3		40076	6	33200. G	230.	260.	4. L	12.0	12.8	1.2	0.184
24 05 78	1550			.3		40104	6	8100.	112.	284.	4. L	23.6	15.8	5.6	0.256
12 06 78	1645			.3		40128	6	21000.	280.	100.	8.	21.4	9.6	9.2	0.275
17 07 78	1230			.3		40159	5	900.	316.	392.	4. L	21.2	8.4	5.2	0.127
08 08 78	1515			.3		40186	5 9	2300.	48.	40.	4. L	25.2	9.3	1.2	0.029
18 09 78	1615			.3		40212	6	29000. G	1420.	1500. G	50.	24.0	8.4	2.2	0.133
16 10 78	1645			.3		40243	6 9	80000. G	650.	1200.	56.	9.8	10.5	2.0	0.124
28 11 78	1540			.3		40274	6	2500.	10.	210.	4. L	2.0	14.1	1.7	0.150
11 12 78	1515			.3		40293	6					0.3	17.0	2.7	0.186
MAXIMUM								80000.	1420.	1500.	56.	25.2	17.0	9.2	0.275
AVG OR GEOM MN (*)								6896.* U	195.*	316.* U	9.* D	14.0	11.1	3.4	0.172
MINIMUM								520.	10.	40.	4.	0.3	4.7	1.2	0.029
NO OF SAMPLES								9	9	9	9	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
21 02 78	1645			.3		0.047	1.170	2.100	0.016	1.230	2.416	0.930	3.346	424.0	3.5
10 04 78	1520			.3		0.123	0.395	1.170	0.044	5.140	5.579	0.775	6.354	544.0	22.0
24 05 78	1550			.3		0.025	0.065	1.820	0.137	2.860	3.062	1.755	4.817	526.0	47.5
12 06 78	1645			.3		0.033	0.045	1.330	0.065	0.300	0.410	1.285	1.695	448.0	77.0
17 07 78	1230			.3		0.027	0.100	1.050	0.017	0.010	0.127	0.950	1.077	576.0	32.0
08 08 78	1515			.3		0.011	0.025	0.780	0.004	0.010L	0.039	0.755	0.794	514.0	10.0
18 09 78	1615			.3		0.071	0.145	1.150	0.085	0.960	1.190	1.005	2.195	1236.0	20.5
16 10 78	1645			.3		0.045	0.215	1.050	0.024	0.230	0.469	0.835	1.304	978.0	23.0
28 11 78	1540			.3		0.106	0.315	1.020	0.106	7.600	8.021	0.705	8.726	858.0	8.0
11 12 78	1515			.3		0.089	0.185	0.970	0.125	15.300	15.610	0.785	16.395	1022.0	26.0
MAXIMUM						0.123	1.170	2.100	0.137	15.300	15.610	1.755	16.395	1236.0	77.0
AVG OR GEOM MN (*)						0.058	0.266	1.244	0.062	3.364D	3.692	0.978	4.670	712.6	27.0
MINIMUM						0.011	0.025	0.780	0.004	0.010	0.039	0.705	0.794	424.0	3.5
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	225 TOTAL COPPER MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
21 02 78	1645			.3		421	705	7.90	65.0	7.44	0.640	1.0L	0.010L	0.040	0.020L
10 04 78	1520			.3		522	720	42.00	43.5	8.03	1.800	1.0	0.020	0.050	0.020L
24 05 78	1550			.3		479	725	32.00	44.5	8.29	1.560	1.0L	0.020	0.070	0.020L
12 06 78	1645			.3		371	515	49.00	31.5	8.12	3.480	1.0L	0.010L	0.020	0.020L
17 07 78	1230			.3		544	682	92.00	112.0	8.29	4.000	1.0L	0.02	0.06	0.04 L
08 08 78	1515			.3		504	665	10.00	95.0	8.82	0.190	1.0L	0.010	0.040	0.020L
18 09 78	1615			.3		1215	1550	2.00	230.0				0.010	0.040	0.020L
16 10 78	1645			.3		955	1340	64.00	250.0	7.77	2.900	2.5	0.020	0.020	0.020L
28 11 78	1540			.3		850	1150	25.00	166.0	8.33	1.160	1.0L	0.020	0.020	0.020L
11 12 78	1515			.3		996	1300	22.00	215.0	8.01	1.200	1.0	0.020L	0.020	0.020L
MAXIMUM						1215	1550	92.00	250.0	8.82	4.000	2.5	0.020	0.070	0.04
AVG OR GEOM MN (*)						686	935	34.59	125.3	8.12	1.881	1.2D	0.016D	0.038	0.022D
MINIMUM						371	515	2.00	31.5	7.44	0.190	1.0	0.010	0.020	0.020
NO OF SAMPLES						10	10	10	10	9	9	9	10	10	10

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                DATE OF REPORT  25 OCT 79  PAGE    140

                                                                                           STATION ID:   04-0007-002-02
B.O.W./ SITE: BELLE RIVER
SAMPLE POINT: AT FIRST ROAD SOUTH OF HIGHWAY 401                                                        STORET CODE: 02
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                                  003
                                                           MINOR BASIN: LAKE ERIE                                    2800
                                                           TERM STREAM: BELLE RIVER

STN NO:      2    LAT:                LONG:                U T M: 17 0358100.0 4676200.0 4    REGION: 01          MILEAGE:     6.20

                                       934      901       80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
               FEET       MTRS                       MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

25 01 78 0900               .3      40014    4                                                   1.5       8.3       2.0     0.238
14 03 78 0945               .3      40053    6        86000.     2900.     2800.       16.       2.0      10.8       8.2     0.450
11 04 78 0935               .3      40079    6 3      38000.     1100.    32000.       10.      10.2       9.5       3.2     0.720
24 05 78 1615               .3      40105    6 9        100.       88.       20.       4.  L   20.8       8.0       1.8     0.196
12 06 78 1710               .3      40129    6         5100.      600.      528.       32.      21.0       6.9       2.5     0.194
17 07 78 1256               .3      40160    6          500.       20.       40.       4.  L   23.8       6.6       1.9     0.200
08 08 78 1544               .3      40187    6         4800.        4.       48.       4.  L   25.8       9.2       3.8     0.205
18 09 78 1640               .3      40213    6        49000.  G   600.  G   600.  G    88.      25.0       9.0       4.4     0.400
16 10 78 1710               .3      40244    6        18400E+1G  1500.  G  1230.       24.      10.0      10.8       5.2     0.326
28 11 78 1600               .3      40275    6        21000.      160.     6100.       4.  L    2.0      12.0       1.2     0.132
11 12 78 1545               .3      40294    4                                                   0.5      11.6       2.0     0.218

                    MAXIMUM                           18400E+1    2900.    32000.       88.      25.8      12.0       8.2     0.720
          AVG OR GEOM MN (*)                           9696.* U   232.* U   586.* U    11.* D   13.0       9.3       3.3     0.298
                    MINIMUM                             100.        4.       20.        4.       0.5       6.6       1.2     0.132

               NO OF SAMPLES                              9         9         9         9        11        11        11        11

                                      34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

25 01 78 0900               .3       0.139     1.160     1.740     0.034     1.570     2.764     0.580     3.344     568.0       6.0
14 03 78 0945               .3       0.277     1.580     3.350     0.055     1.840     3.475     1.770     5.245     488.0      34.0
11 04 78 0935               .3       0.305     0.515     2.650     0.127     2.130     2.772     2.135     4.907     822.0     295.0
24 05 78 1615               .3       0.105     0.065     1.130     0.057     0.990     1.112     1.065     2.177     534.0      25.0
12 06 78 1710               .3       0.096     0.055     1.270     0.079     0.570     0.704     1.215     1.919     608.0      23.0
17 07 78 1256               .3       0.093     0.085     1.200     0.005     0.010L    0.100     1.115     1.215     624.0      16.0
08 08 78 1544               .3       0.062     0.070     1.300     0.005     0.010L    0.085     1.230     1.315     642.0      27.0
18 09 78 1640               .3       0.147     0.400     1.900     0.078     0.550     1.028     1.500     2.528     612.0      81.0
16 10 78 1710               .3       0.167     0.375     1.790     0.049     0.640     1.064     1.415     2.479     596.0      14.0
28 11 78 1600               .3       0.109     0.175     0.940     0.039     1.470     1.684     0.765     2.449     620.0       2.0
11 12 78 1545               .3       0.147     0.235     1.100     0.078    12.600    12.913     0.865    13.778     746.0       7.0

                    MAXIMUM          0.305     1.580     3.350     0.127    12.600    12.913     2.135    13.778     822.0     295.0
          AVG OR GEOM MN (*)         0.150     0.429     1.670     0.055     2.035D    2.518     1.241     3.760     623.6      48.2
                    MINIMUM          0.062     0.055     0.940     0.005     0.010     0.085     0.580     1.215     488.0       2.0

               NO OF SAMPLES            11        11        11        11        11        11        11        11        11        11

                                       7        14        16        56        55       208        25        41       361       225
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.     COND.     TURB.  CHLORIDE        PH     TOTAL   PHENOLS       COD   SOLVENT     TOTAL
DY MO YR LMT   DIST BRG DEPTH       SOLIDS       25C  FORMAZIN      MG/L    AT LAB      IRON                       EXTRBLES    COPPER
               FEET       MTRS        MG/L     UMHOS     UNITS                          MG/L      UG/L      MG/L      MG/L      MG/L

25 01 78 0900               .3         562       920      7.00      70.0      7.71     0.510       1.0        19         0     0.010L
14 03 78 0945               .3         454       770     22.00     105.0      7.38     1.360      12.5        52         1     0.040



11 04 78 0935               .3         527       495    500.00      31.0      7.66    21.200       2.5        63         1     0.040
24 05 78 1615               .3         509       745     24.00      43.5      7.92     1.400       1.0L       41         1     0.020
12 06 78 1710               .3         583       795     20.00      60.0      7.79     1.320       2.5        41         1     0.010L
17 07 78 1256               .3         608       839     15.00      60.0      8.11     1.000       1.0L       41         1     0.02 L
08 08 78 1544               .3         615       840     18.00      70.0      8.15     1.300       1.0L       53         2
18 09 78 1640               .3         531       785     86.00      75.0                                                  1
16 10 78 1710               .3         582       815     37.00      85.0      7.71     2.580       3.0        53         1     0.020
28 11 78 1600               .3         618       890      8.90     130.0      7.87     0.380       1.0L       65         1
11 12 78 1545               .3         739       965     26.00     132.0      7.69     1.300       1.0L       57               0.020L

                    MAXIMUM            739       965    500.00     132.0      8.15    21.200      12.5        65         2     0.040
          AVG OR GEOM MN (*)           575       805     69.45      78.3      7.80     3.235       2.7D       49         1     0.023D
                    MINIMUM            454       495      7.00      31.0      7.38     0.380       1.0        19         0     0.010

               NO OF SAMPLES            11        11        11        11        10        10        10        10        10         8

                                     249       238
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         ZINC    NICKEL
               FEET       MTRS        MG/L      MG/L

25 01 78 0900               .3      0.010L    0.020L
14 03 78 0945               .3      0.040     0.020L
11 04 78 0935               .3      0.120     0.020
24 05 78 1615               .3      0.080     0.020L
12 06 78 1710               .3      0.010     0.020L
17 07 78 1256               .3      0.02 L    0.04 L
16 10 78 1710               .3      0.020     0.020L
11 12 78 1545               .3      0.020     0.020L

                    MAXIMUM         0.120     0.04
          AVG OR GEOM MN (*)        0.040D    0.023D
                    MINIMUM         0.010     0.020

               NO OF SAMPLES            8         8
```

```
 B.O.W./ SITE: RUSCOM RIVER                                                                       STATION ID:  04-0010-002-02
 SAMPLE POINT: 1 MILE EAST OF EXIT 6 ON HIGHWAY 401
 STATION TYPE: RIVER   FLOW GAUGE FED 02GH002           MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                          003
                                                        TERM STREAM: RUSCOM RIVER                                       2830

STN NO:      2    LAT:                LONG:             U T M: 17 0366600.0 4676625.0 4    REGION: 01            MILEAGE:    6.20

                                       934      901     444        80        81        84        88       805        3         1
SAMP DTE HOUR   STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.     PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT    DIST BRG DEPTH           NO                     COLIFORM  COLIFORM    ENTER.       MPA    TEMP.       O2       BOD
                FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L      MG/L

25 01 78 0945              .3       40015    4           6.20                                            1.0       7.8       3.4
22 02 78 1130              .3       40029    4           3.50   20000.      300.      210.       4.  L    0.5       7.7       2.4
14 03 78 1000              .3       40054    3 6        53.00   22000.      380.     2100.       4.  L    1.2      12.4       6.2
11 04 78 1000              .3       40080    6 3       254.00   13000.      460.    20000.     100.  L    8.5      10.5       2.8
24 05 78 1640              .3       40106    6          10.90     500.      156.      100.  L   10.  L   22.0      10.2       1.6
12 06 78 1730              .3       40130    6 9         4.90   10500.      120.      600.  G   32.      21.2       9.4       2.8
17 07 78 1315              .3       40161    6 9         0.45     200.      108.       76.       4.      23.8      10.1       1.8
08 08 78 1604              .3       40188    6 9         0.19    2900.       56.      120.       4.  L   22.0       6.4       2.0
18 09 78 1700              .3       40214    6 9         0.20    6500.       64.      352.      44.      22.0       8.8       1.3
16 10 78 1730              .3       40245    6 9         2.00   20000.  G   300.     1000.       8.       9.0      10.2       1.2
28 11 78 1610              .3       40276    6           3.80      70.       10.  L   100.       4.  L    2.0      14.5       1.1
11 12 78 1610              .3       40295    4           7.80    4100.      168.      160.       4.  L    0.8      14.6       1.3

                    MAXIMUM                            254.00   22000.      460.    20000.     100.      23.8      14.6       6.2
          AVG OR GEOM MN (*)                            28.91    3376.* U   131.* D   385.* E    9.* D   11.2      10.2       2.3
                    MINIMUM                              0.19      70.       10.       76.       4.       0.5       6.4       1.1

              NO OF SAMPLES                                12        11        11        11        11        12        12        12

                                      33       34        19        20        21        22        17        18        23         5
SAMP DTE HOUR   STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT    DIST BRG DEPTH           P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS
                FEET      MTRS        MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L

25 01 78 0945              .3        0.120     0.047     0.740     1.400     0.067     3.200     4.007     0.660     4.667     582.0
22 02 78 1130              .3        0.150     0.087     0.510     1.050     0.019     1.890     2.419     0.540     2.959     520.0
14 03 78 1000              .3        0.258     0.151     0.995     1.970     0.049     2.280     3.324     0.975     4.299     396.0
11 04 78 1000              .3        0.930     0.295     0.530     3.000     0.133     2.900     3.563     2.470     6.033     972.0
24 05 78 1640              .3        0.115     0.039     0.050     0.875     0.053     1.550     1.653     0.825     2.478     542.0
12 06 78 1730              .3        0.330     0.035     0.080     1.230     0.031     0.680     0.791     1.150     1.941     776.0
17 07 78 1315              .3        0.105     0.019     0.060     0.750     0.008     0.010L    0.078     0.690     0.768     568.0
08 08 78 1604              .3        0.115     0.025     0.090     0.900     0.011     0.020     0.121     0.810     0.931     554.0
18 09 78 1700              .3        0.070     0.027     0.105     0.790     0.020     0.180     0.305     0.685     0.990     452.0
16 10 78 1730              .3        0.066     0.049     0.135     0.530     0.017     0.270     0.422     0.395     0.817     626.0
28 11 78 1610              .3        0.044     0.034     0.035     0.410     0.036     2.710     2.781     0.375     3.156     700.0
11 12 78 1610              .3        0.072     0.041     0.035     0.620     0.048    13.400    13.483     0.585    14.068     856.0

                    MAXIMUM          0.930     0.295     0.995     3.000     0.133    13.400    13.483     2.470    14.068     972.0
          AVG OR GEOM MN (*)         0.198     0.071     0.280     1.127     0.041     2.424D    2.746     0.847     3.592     628.7
                    MINIMUM          0.044     0.019     0.035     0.410     0.008     0.010     0.078     0.375     0.768     396.0

              NO OF SAMPLES             12        12        12        12        12        12        12        12        12        12

                                       6         7        14        16        56        55
SAMP DTE HOUR   STN  STN SAMP  PJ    SUSP.     DISS.     COND.     TURB.  CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH      SOLIDS    SOLIDS       25C  FORMAZIN      MG/L    AT LAB
                FEET      MTRS        MG/L      MG/L     UMHOS     UNITS




25 01 78 0945              .3         67.0       515       835     56.00      50.0      7.80
22 02 78 1130              .3         40.0       480       735     30.00      40.0      7.56
14 03 78 1000              .3         34.0       362       639     33.00      80.0      7.42
11 04 78 1000              .3        353.0       619       439    860.00      26.5      7.59
24 05 78 1640              .3         55.0       487       695     44.00      32.0      8.28
12 06 78 1730              .3        260.0       516       660    185.00      39.0      8.04
17 07 78 1315              .3         48.0       520       670     14.00      34.5      8.14
08 08 78 1604              .3         45.0       509       635     53.00      34.0      7.93
18 09 78 1700              .3         20.5       431       660     38.00      49.0
16 10 78 1730              .3          4.0       622       850     34.00      73.0      7.72
28 11 78 1610              .3         10.0       690       919     16.00      76.0      8.44
11 12 78 1610              .3         13.0       843      1040     14.00      84.0      8.15

                    MAXIMUM          353.0       843      1040    860.00      84.0      8.44
          AVG OR GEOM MN (*)          79.1       550       731    114.75      51.5      7.92
                    MINIMUM            4.0       362       439     14.00      26.5      7.42

              NO OF SAMPLES             12        12        12        12        12        11


 B.O.W./ SITE: NORTH THAMES RIVER                                                                 STATION ID:  04-0013-015-02
 SAMPLE POINT: AT PARK STREET BRIDGE, ST MARYS
 STATION TYPE: RIVER   FLOW GAUGE FED 02GD005           MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                          003
                                                        TERM STREAM: THAMES RIVER                                       2870

STN NO:     15    LAT:                LONG:             U T M: 17 0488200.0 4788950.0 4    REGION: 01            MILEAGE:  158.30

                                       934      901     444        80        81        84        88       805        3         1
SAMP DTE HOUR   STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.     PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT    DIST BRG DEPTH           NO                     COLIFORM  COLIFORM    ENTER.       MPA    TEMP.       O2       BOD
                FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L      MG/L

16 01 78 1010              .3       43002    6         205.00    1150.      250.      200.       4.  L    0.5       6.5       0.8
20 02 78 1015              .3       43024    6         115.00    2600.      256.       40.       4.       1.0      13.0       1.0
20 03 78 0950              .3       43046    6         350.00    2500.      110.      600.  G    8.       1.0      11.0       1.3
17 04 78 0935              .3       43068    6         840.00     260.       36.      160.       4.  L    3.5      11.5       1.1
15 05 78 0935              .3       43090    6         611.00    2100.      304.      252.       4.  L   10.5       9.0       1.8
19 06 78 0935              .3       43112    8         108.00    1300.      160.       84.       4.  L   20.0       8.5       1.6
17 07 78 0950              .3       43134    6 9       111.00    1600.      244.      384.       4.  L   18.5       9.0       1.7
21 08 78 1020              .3       43156    6          88.50    2900.      130.      184.       4.  L   20.0       8.0       1.7
18 09 78 1055              .3       43178    6        1350.00  11100E+1   13200.     1500.  G   84.      14.0       8.5       2.5
16 10 78 0955              .3       43200    6         240.00    1300.      190.       20.       4.  L    7.5       8.0       0.9
20 11 78 0945              .3       43219    6         320.00    6400.      584.      600.  G    4.  L    3.0      10.5       1.1
18 12 78 1000              .3       43238    6         194.00    2700.      320.      140.       4.  L    1.0      12.0       0.6

                    MAXIMUM                           1350.00  11100E+1   13200.     1500.      84.      20.0      13.0       2.5
          AVG OR GEOM MN (*)                           377.71    2506.*     275.*     194.* U    5.* D    8.4       9.6       1.3
                    MINIMUM                             88.50     260.       36.       20.       4.       0.5       6.5       0.6

              NO OF SAMPLES                                12        12        12        12        12        12        12        12
```

(C O N T D)

STATION ID: 04-0013-015-02

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT PARK STREET BRIDGE. ST MARYS
STATION TYPE: RIVER   FLOW GAUGE FED 02GD005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 15   LAT: LONG: U T M: 17 0488200.0 4788950.0 4   REGION: 01   MILEAGE: 158.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
16 01 78 1010			.3		0.058	0.043	0.195	0.550	0.036	5.460	5.691	0.355	6.046	400.0
20 02 78 1015			.3		0.121	0.107	0.435	0.835	0.031	4.960	5.426	0.400	5.826	430.0
20 03 78 0950			.3		0.117	0.083	0.545	1.000	0.031	5.810	6.386	0.455	6.841	354.0
17 04 78 0935			.3		0.082	0.059	0.195	0.640	0.027	3.620	3.842	0.445	4.287	312.0
15 05 78 0935			.3		0.056	0.019	0.005	0.735	0.040	4.410	4.455	0.730	5.185	396.0
19 06 78 0935			.3		0.041	0.001	0.035	0.655	0.039	1.730	1.804	0.620	2.424	402.0
17 07 78 0950			.3		0.043	0.001	0.015	0.715	0.033	0.740	0.788	0.700	1.488	288.0
21 08 78 1020			.3		0.053	0.005	0.035	0.800	0.054	0.440	0.529	0.765	1.294	350.0
18 09 78 1055			.3		0.305	0.105	0.145	1.400	0.076	6.460	6.681	1.255	7.936	370.0
16 10 78 0955			.3		0.027	0.005	0.045	0.605	0.016	4.080	4.141	0.560	4.701	354.0
20 11 78 0945			.3		0.039	0.013	0.015	0.585	0.027	5.220	5.262	0.570	5.832	442.0
18 12 78 1000			.3		0.029	0.018	0.070	0.390	0.074	5.600	5.744	0.320	6.064	410.0
MAXIMUM					0.305	0.107	0.545	1.400	0.076	6.460	6.681	1.255	7.936	442.0
AVG OR GEOM MN (*)					0.081	0.038	0.145	0.743	0.040	4.044	4.229	0.598	4.827	375.7
MINIMUM					0.027	0.001	0.005	0.390	0.016	0.440	0.529	0.320	1.294	288.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1010			.3		1.5	399	650	2.20	20.0
20 02 78 1015			.3		1.0L	429	695	2.00	16.5
20 03 78 0950			.3		6.0	348	670	9.50	24.0
17 04 78 0935			.3		7.0	305	480	10.00	12.5
15 05 78 0935			.3		4.0	392	585	2.90	18.5
19 06 78 0935			.3		5.0	397	545	2.10	26.5
17 07 78 0950			.3		8.0	280	428	5.00	14.5
21 08 78 1020			.3		11.0	339	525	6.00	31.5
18 09 78 1055			.3		63.0	307	505	42.00	18.0
16 10 78 0955			.3		2.5	351	570	4.20	19.5
20 11 78 0945			.3		2.0	440	650	4.50	20.5
18 12 78 1000			.3		0.5	409	620	1.20	30.5
MAXIMUM					63.0	440	695	42.00	31.5
AVG OR GEOM MN (*)					9.3D	366	577	7.63	21.0
MINIMUM					0.5	280	428	1.20	12.5
NO OF SAMPLES					12	12	12	12	12

STATION ID: 04-0013-016-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT DUNDAS STREET WOODSTOCK
STATION TYPE: RIVER   FLOW GAUGE FED 02GD012

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 16   LAT: LONG: U T M: 17 0517950.0 4774700.0 4   REGION: 01   MILEAGE: 160.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 78 1515			.3		43020	6	55.10	42000.	10600.	4200.	44.	0.0	11.0	3.6
22 02 78 1340			.3		43042	6	39.20	14100E+1	11000.	700.	52.	2.0	12.5	3.2
22 03 78 1320			.3		43064	6	473.00	13800E+1G	10100.	11500.	96.	0.5	12.0	4.7
19 04 78 1335			.3		43086	6	313.00					7.0	11.5	2.8
17 05 78 1405			.3		43108	6	155.00	12000.	1500. G	1500. G	148.	12.5	10.0	4.6
21 06 78 1320			.3		43130	6 9	31.40	65000E+1G	46000. G	23000. G	600. G	18.5	6.0	6.4
19 07 78 1400			.3		43152	9 6	38.20	2100.	200.	400.	4. L	23.0	10.0	4.0
23 08 78 1350			.3		43174	6	26.00	45000.	280.	70.	32.	22.5	6.5	5.4
20 09 78 1410			.3		43196	6	84.00	24000E+1	3300.	1500. G	348.	19.0	9.0	
18 10 78 1415			.3		43215	6 9	93.70	21000.	330.	420.	12.	10.0	12.5	6.0
22 11 78 1240			.3		43234	6	53.10	19000.	10.	510.	32.	2.5	10.5	4.0
20 12 78 1330			.3		43253	6	46.90	69000.	850.	1500. G	96.	1.5	12.0	3.5
MAXIMUM							473.00	65000E+1	46000.	23000.	600.	23.0	12.5	6.4
AVG OR GEOM MN (*)							117.38	49079.* U	1405.* U	1284.* U	59.* E	9.9	10.3	4.4
MINIMUM							26.00	2100.	10.	70.	4.	0.0	6.0	2.8
NO OF SAMPLES							12	11	11	11	11	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 1515			.3		0.320	0.192	1.300	1.500	0.097	3.800	5.197	0.200	5.397	556.0
22 02 78 1340			.3		0.296	0.188	2.100	2.750	0.052	3.000	5.152	0.650	5.802	580.0
22 03 78 1320			.3		0.242	0.100	0.720	1.710	0.035	3.960	4.715	0.990	5.705	376.0
19 04 78 1335			.3		0.184	0.098	0.265	0.950	0.040	3.500	3.805	0.685	4.490	250.0
17 05 78 1405			.3		0.149	0.021	0.275	1.070	0.051	2.840	3.166	0.795	3.961	372.0
21 06 78 1320			.3		0.340	0.172	0.800	1.800	0.196	1.920	2.916	1.000	3.916	532.0
19 07 78 1400			.3		0.160	0.015	0.345	1.350	0.215	1.320	1.880	1.005	2.885	482.0
23 08 78 1350			.3		0.190	0.037	1.160	2.300	0.233	1.070	2.463	1.140	3.603	474.0
20 09 78 1410			.3		0.440	0.061	0.395	2.050	0.067	1.250	1.712	1.655	3.367	484.0
18 10 78 1415			.3		0.200	0.023	1.140	2.150	0.064	0.970	2.174	1.010	3.184	552.0
22 11 78 1240			.3		0.130	0.031	0.117	2.180	0.171	3.130	3.418	2.063	5.481	556.0
20 12 78 1330			.3		0.140	0.051	0.755	1.090	0.105	5.800	6.660	0.335	6.995	552.0
MAXIMUM					0.440	0.192	2.100	2.750	0.233	5.800	6.660	2.063	6.995	580.0
AVG OR GEOM MN (*)					0.233	0.082	0.781	1.742	0.111	2.713	3.605	0.961	4.566	480.5
MINIMUM					0.130	0.015	0.117	0.950	0.035	0.970	1.712	0.200	2.885	250.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1515			.3		10.0	546	850	7.00	57.0
22 02 78 1340			.3		4.0	576	970	5.00	60.0
22 03 78 1320			.3		17.0	359	635	14.00	36.0
19 04 78 1335			.3		17.0	233	422	23.00	19.0
17 05 78 1405			.3		10.0	362	600	2.50	34.5
21 06 78 1320			.3		27.0	505	745	8.60	70.0
19 07 78 1400			.3		14.0	468	680	5.50	52.0
23 08 78 1350			.3		19.0	455	785	6.00	80.0
20 09 78 1410			.3		26.5	457			
18 10 78 1415			.3		17.5	534	759	9.80	52.0
22 11 78 1240			.3		20.0	536	850	11.00	60.0
20 12 78 1330			.3		5.0	547	890	4.00	70.0
MAXIMUM					27.0	576	970	23.00	80.0
AVG OR GEOM MN (*)					15.6	465	744	8.76	53.7
MINIMUM					4.0	233	422	2.50	19.0
NO OF SAMPLES					12	12	11	11	11

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT FIRST ROAD SOUTH OF INNERKIP
STATION TYPE: RIVER FLOW GAUGE MOE 02GD105

STATION ID: 04-0013-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 18 LAT: LONG: U T M: 17 0525175.0 4783200.0 4 REGION: 01 MILEAGE: 169.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
16 01 78 1450			.3		43009	4		380.	28.	68.	4. L	1.0	11.0	0.9
20 02 78 1425			.3		43031	6		200.	16.	80.	4. L	1.0	12.5	0.5
20 03 78 1330			.3		43053	9		1850.	108.	600. G	4. L	1.0	8.5	2.8
17 04 78 1305			.3		43075	6		420.	12.	10.	4. L	2.0	12.5	0.6
15 05 78 1345			.3		43097	6		2800.	148.	600. G	4. L	11.0	12.0	2.4
19 06 78 1335			.3		43119	6		1500.	96.	100.	4. L	22.0	13.5	1.2
17 07 78 1345			.3		43141	8	3.40	200.	260.	464.	4. L	22.0	12.5	1.3
21 08 78 1410			.3		43163	5 8	3.40	1130.	124.	52.	4. L	21.0	11.5	1.2
20 09 78 1505			.3		43185	6	38.40	11200E+1	1500. G	1500. G	144.	13.5	6.0	
16 10 78 1355			.3		43206	6	6.40					7.0	12.5	0.9
20 11 78 1325			.3		43225	6	28.10	5400.	272.	452.	4. L	1.5	12.0	1.5
18 12 78 1450			.3		43244	6	26.50	150.	12.	44.	4. L	0.0	13.0	0.7
MAXIMUM							38.40	11200E+1	1500.	1500.	144.	22.0	13.5	2.8
AVG OR GEOM MN (*)							17.70	1159.*	83.* U	157.* U	6.* D	8.6	11.5	1.3
MINIMUM							3.40	150.	12.	10.	4.	0.0	6.0	0.5
NO OF SAMPLES							6	11	11	11	11	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
16 01 78 1450			.3		0.060	0.039	0.140	0.535	0.031	3.520	3.691	0.395	4.086	532.0
20 02 78 1425			.3		0.078	0.067	0.335	0.760	0.035	4.160	4.530	0.425	4.955	432.0
20 03 78 1330			.3		0.220	0.117	1.040	1.950	0.051	4.090	5.181	0.910	6.091	434.0
17 04 78 1305			.3		0.069	0.045	0.115	0.560	0.025	3.270	3.410	0.445	3.855	406.0
15 05 78 1345			.3		0.127	0.072	0.085	0.895	0.083	4.410	4.578	0.810	5.388	412.0
19 06 78 1335			.3		0.029	0.005	0.025	0.535	0.031	1.350	1.406	0.510	1.916	620.0
17 07 78 1345			.3		0.020	0.001	0.025	0.585	0.018	1.100	1.143	0.560	1.703	774.0
21 08 78 1410			.3		0.025	0.004	0.015	0.635	0.011	0.740	0.766	0.620	1.386	704.0
16 10 78 1355			.3		0.053	0.011	0.045	0.685	0.011	0.930	0.986	0.640	1.626	710.0
20 11 78 1325			.3		0.093	0.029	0.055	0.740	0.063	5.490	5.608	0.685	6.293	562.0
18 12 78 1450			.3		0.054	0.036	0.160	0.465	0.038	4.800	4.998	0.305	5.303	562.0
MAXIMUM					0.220	0.117	1.040	1.950	0.083	5.490	5.608	0.910	6.293	774.0
AVG OR GEOM MN (*)					0.075	0.039	0.185	0.759	0.036	3.078	3.300	0.573	3.873	558.9
MINIMUM					0.020	0.001	0.015	0.465	0.011	0.740	0.766	0.305	1.386	406.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1450			.3		3.0	529	700	3.60	25.5
20 02 78 1425			.3		0.5L	432	710	0.90	22.0
20 03 78 1330			.3		12.0	422	762	11.00	32.0
17 04 78 1305			.3		7.5	399	600	4.10	18.5
15 05 78 1345			.3		0.5	412	645	2.70	26.0
19 06 78 1335			.3		9.0	611	745	1.30	28.0
17 07 78 1345			.3		7.0	767	985	1.00	35.0
21 08 78 1410			.3		2.0	702	920	1.00	24.5
16 10 78 1355			.3		7.5	702	850	6.70	36.0
20 11 78 1325			.3		19.5	543	805	8.80	35.0
18 12 78 1450			.3		7.0	555	765	2.10	36.0
MAXIMUM					19.5	767	985	11.00	36.0
AVG OR GEOM MN (*)					6.90	552	775	3.93	29.0
MINIMUM					0.5	399	600	0.90	18.5
NO OF SAMPLES					11	11	11	11	11

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS              DATE OF REPORT  25 OCT 79  PAGE   144

                                                                                   STATION ID:  04-0013-025-02
 B.O.W./ SITE: AVON RIVER
 SAMPLE POINT: AT LORNE AVE STRATFORD                                                           STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02GD018        MAJOR BASIN: GREAT LAKES                               003
                                                      MINOR BASIN: LAKE ERIE                                 2870
                                                      TERM STREAM: THAMES RIVER

STN NO:    25    LAT:               LONG:             U T M: 17 0498550.0 4801125.0 4    REGION: 01         MILEAGE:  173.10

                                      934      901      444        80        81        84        88       805        3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH         NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.      02       BOD
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML   DEG C     MG/L      MG/L

16 01 78 1330              .3      43007    6         38.10               4.  L     4.  L     4.  L     1.0      12.5       1.1
20 02 78 1310              .3      43029    6 9       14.00     4.  L     4.  L     4.  L     4.  L     2.5      12.5       0.6
20 03 78 1230              .3      43051    6         45.90  1710.       72.      356.        4.  L     3.0      12.5       3.1
17 04 78 1120              .3      43073    6        140.00    10.  L     4.  L     4.  L     4.  L     5.0      12.0       1.0
15 05 78 1130              .3      43095    6        117.00  1300.        4.       60.        4.  L    11.0       9.5       3.3
19 06 78 1125              .3      43117    9 5       16.10  1300.       28.       48.        4.  L    20.0      10.0       2.4
17 07 78 1155              .3      43139    7 5        8.40             108.      600.  G     4.  L    20.5      14.0       3.2
21 08 78 1210              .3      43161    8 6        8.60  1500.  G   240.      104.        4.       21.0       7.0       2.0
20 09 78 1230              .3      43183    6        109.00  31000E+1  1500.  G  1500.  G   220.       14.0       8.0       5.6
16 10 78 1140              .3      43204    6         23.40     4.  L     4.  L     4.  L     4.  L     7.0       6.5       0.6
20 11 78 1125              .3      43223    6         39.40  9000.      416.      324.        4.  L     4.0      10.5       1.6
18 12 78 1240              .3      43242    6         31.90   410.      280.      240.        4.  L     2.5      12.5       3.8

                      MAXIMUM                        140.00  31000E+1  1500.     1500.      220.       21.0      14.0       5.6
         AVG OR GEOM MN (*)                           49.32   490.* E    38.* E    59.' E     6.* D     9.3      10.6       2.4
                      MINIMUM                          8.40     4.        4.        4.        4.        1.0       6.5       0.6

                 NO OF SAMPLES                           12        10        12        12        12        12        12        12

                                      33        34        19        20        21        22        17        18        23         5
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N          N   ORGNC  N               SOLIDS
               FEET      MTRS        MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L        MG/L      MG/L      MG/L      MG/L

16 01 78 1330              .3       0.340     0.213     1.290     1.800     0.106     4.140     5.536     0.510     6.046     560.0
20 02 78 1310              .3       0.072     0.057     0.175     0.530     0.033     4.410     4.618     0.355     4.973     460.0
20 03 78 1230              .3       0.202     0.121     1.480     1.950     0.069     4.270     5.819     0.470     6.289     532.0
17 04 78 1120              .3       0.173     0.129     0.935     1.650     0.033     2.460     3.428     0.715     4.143     424.0
15 05 78 1130              .3       0.316     0.235     0.670     1.830     0.055     3.490     4.215     1.160     5.375     480.0
19 06 78 1125              .3       0.151     0.067     0.165     0.895     0.095     4.690     4.950     0.730     5.680     692.0
17 07 78 1155              .3       0.113     0.011     0.065     0.875     0.240     6.940     7.245     0.810     8.055     840.0
21 08 78 1210              .3       0.110     0.051     0.035     0.645     0.065     5.780     5.880     0.610     6.490     776.0
20 09 78 1230              .3       0.450     0.095     0.235     1.700     0.151     2.690     3.076     1.465     4.541     382.
16 10 78 1140              .3       0.112     0.079     0.085     0.640     0.060     5.390     5.535     0.555     6.090     694.0
20 11 78 1125              .3       0.092     0.063     0.465     1.350     0.239     4.730     5.434     0.885     6.319     624.0
18 12 78 1240              .3       0.228     0.169     0.950     1.610     1.280     4.900     7.130     0.660     7.790     702.0

                      MAXIMUM       0.450     0.235     1.480     1.950     1.280     6.940     7.245     1.465     8.055     840.0
         AVG OR GEOM MN (*)         0.197     0.108     0.546     1.290     0.202     4.491     5.239     0.744     5.983     597.2
                      MINIMUM       0.072     0.011     0.035     0.530     0.033     2.460     3.076     0.355     4.143     382.

                 NO OF SAMPLES         12        12        12        12        12        12        12        12        12        12

                                       6         7        14        16        56       208       361       225       249       238
SAMP DTE HOUR  STN  STN SAMP  PJ    SUSP.     DISS.     COND.     TURB.  CHLORIDE     TOTAL   SOLVENT     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      SOLIDS    SOLIDS       25C  FORMAZIN      MG/L      IRON  EXTRBLES    COPPER      ZINC    NICKEL
               FEET      MTRS        MG/L      MG/L     UMHOS     UNITS                MG/L      MG/L      MG/L      MG/L      MG/L



16 01 78 1330              .3         4.0       556       890      7.80      62.0     0.530               0.010L    0.640     0.020L
20 02 78 1310              .3         0.5       459       660      1.00      19.5     0.360         0     0.020     0.080     0.020L
20 03 78 1230              .3         7.5       525       610     11.00      82.0     0.320         0     0.010L    0.050     0.020L
17 04 78 1120              .3         7.0       417       680      6.70      42.0     0.220         1     0.010     0.050     0.020
15 05 78 1130              .3        15.0       465       715     11.00      41.5     0.44          1     0.02      0.06      0.02 L
19 06 78 1125              .3         4.0       688       985      3.00      72.5     0.150         1     0.010L    0.040     0.020L
17 07 78 1155              .3         5.0       835      1190      1.70     100.0     0.110               0.020     0.010     0.020L
21 08 78 1210              .3         4.0       772      1170      1.60      98.0                         0.020     0.010     0.020L
20 09 78 1230              .3       233.0       149                                                       0.020     0.010     0.020L
16 10 78 1140              .3       233.0       693       985      2.70      32.5     0.200         4     0.020     0.080     0.020L
20 11 78 1125              .3         4.0       620       880      3.30      47.0     0.180         1     0.02      0.02      0.02 L
18 12 78 1240              .3         7.0       695       990      2.00     104.0     0.200         2

                      MAXIMUM       233.0       835      1190     11.00     104.0     0.530         4     0.020     0.640     0.020
         AVG OR GEOM MN (*)          43.7       573       887      4.71      63.7     0.271         1     0.016D    0.095     0.020D
                      MINIMUM         0.5       149       610      1.00      19.5     0.110         0     0.010     0.010     0.020

                 NO OF SAMPLES         12        12        11        11        11        10         8        11        11        11


                                                                                    STATION ID:  04-0013-026-02
 B.O.W./ SITE: TILBURY CREEK
 SAMPLE POINT: 1 MILE SOUTHWEST OF TILBURY STATION                                               STORET CODE: 02
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              003
                                                        MINOR BASIN: LAKE ERIE                                2870
                                                        TERM STREAM: THAMES RIVER

STN NO:    26    LAT:               LONG:               U T M: 17 0380625.0 4681250.0 4    REGION: 01       MILEAGE:    4.80

                                      934      901        80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH         NO             COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       02       BOD         P
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

21 02 78 1345              .3      40021    4         910.       90.      160.        4.  L     0.5       0.6       2.4     0.120
10 04 78 1130              .3      40069    6        5700.      120.      210.        8.        6.0      13.1       1.6     0.328
24 05 78 1126              .3      40096    6        9400.      104.       32.        4.  L    18.0       4.6       3.3     0.215
12 06 78 1126              .3      40120    6 9     20000.       60.      190.        4.  L    21.9       5.8       2.8     0.220
25 07 78 1350              .3      40402    6         700.       10.  L    10.        4.  L    26.0      12.5       8.6     0.235
29 08 78 1015              .3      40902    6 9      1000.       84.      114.        4.  L    23.5       6.0       4.8     0.205
25 09 78 1015              .3      40911    6 9                                                18.0       8.0       8.0     0.240
24 10 78 1015              .3      40922    6 9     13000.      130.       40.        4.  L    13.0      10.0       5.6     0.230
28 11 78 1400              .3      40933    6                                                   2.0      10.0       4.2     0.275

                      MAXIMUM                       20000.      130.      210.        8.       26.0      13.1       8.6     0.328
         AVG OR GEOM MN (*)                          3664.*      69.* D    71.*       4.* D    14.3       7.8       4.6     0.230
                      MINIMUM                         700.       10.       10.        4.        0.5       0.6       1.6     0.120

                 NO OF SAMPLES                          7         7         7         7         9         9         9         9
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
21 02 78 1345			.3		0.021	0.200	1.000	0.390	0.700	1.290	0.800	2.090	406.0	10.0
10 04 78 1130			.3		0.230	0.920	1.750	0.045	4.080	5.045	0.830	5.875	508.0	39.0
24 05 78 1126			.3		0.067	0.515	1.850	0.163	3.340	4.018	1.335	5.353	530.0	45.0
12 06 78 1126			.3		0.075	1.030	2.180	0.215	3.100	4.345	1.150	5.495	610.0	41.0
25 07 78 1350			.3		0.009	0.005L	1.950	0.087	0.580	0.672	1.945	2.617	478.0	32.0
29 08 78 1015			.3		0.035	0.320	1.600	0.018	0.030	0.368	1.280	1.648	486.0	43.0
25 09 78 1015			.3		0.012	0.035	1.850	0.073	0.240	0.348	1.815	2.163	504.0	63.0
24 10 78 1015			.3		0.022	0.015	1.550	0.027	0.280	0.322	1.535	1.857	476.0	50.0
28 11 78 1400			.3		0.196	0.445	1.250	0.043	0.950	1.438	0.805	2.243	570.0	21.0
MAXIMUM					0.230	1.030	2.180	0.390	4.080	5.045	1.945	5.875	610.0	63.0
AVG OR GEOM MN (*)					0.074	0.387D	1.664	0.118	1.478	1.983	1.277	3.260	507.6	38.2
MINIMUM					0.009	0.005	1.000	0.018	0.030	0.322	0.800	1.648	406.0	10.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
21 02 78 1345			.3		396	660	11.00	47.0	7.38	
10 04 78 1130			.3		469	600	130.00	24.5		7.9
24 05 78 1126			.3		485	675	36.00	36.0	7.72	
12 06 78 1126			.3		559	710	85.00	33.5	7.74	
25 07 78 1350			.3		446	630	24.00	36.0	8.18	
29 08 78 1015			.3		443	665	42.00	40.5	7.65	
25 09 78 1015			.3		441	600	65.00	43.0	7.34	
24 10 78 1015			.3		426	583	39.00	47.0	7.95	
28 11 78 1400			.3		549	819	10.00	98.0	7.80	
MAXIMUM					559	819	130.00	98.0	8.18	7.9
AVG OR GEOM MN (*)					468	660	49.11	45.1	7.72	7.9
MINIMUM					396	583	10.00	24.5	7.34	7.9
NO OF SAMPLES					9	9	9	9	8	1

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 42 LONDON
STATION TYPE: RIVER FLOW GAUGE FED 02GE003

STATION ID: 04-0013-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 27 LAT: LONG: U T M: 17 0484125.0 4765225.0 4 REGION: 01 MILEAGE: 135.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
16 01 78 0910			.3		43000	6	272.00	110.	16.	20.	4. L	1.0	9.5	1.6
20 02 78 0915			.3		43022	6	185.00	40.	4.	4. L	4. L	1.5	12.5	1.0
20 03 78 0900			.3		43044	6	583.00	1290.	24.	600. G	4. L	0.0	13.0	1.2
17 04 78 0850			.3		43066	6	1310.00	200.	28.	30.	4. L	4.0	13.0	2.0
15 05 78 0845			.3		43088	6	915.00	380.	4.	8.	4. L	12.0	9.0	2.1
19 06 78 0845			.3		43110	8	139.00	210.	20.	20.	4. L	19.0	8.5	2.7
17 07 78 0900			.3		43132	9 5	108.00	30.	24.	204.	4. L	20.0	7.5	2.9
21 08 78 0904			.3		43154	6	66.20	250.	52.	56.	4. L	20.0	6.5	2.8
18 09 78 1005			.3		43176	6	803.00	2900.	40.	60.	4. L	18.0	6.0	3.0
16 10 78 0900			.3		43198	6	246.00	170.	10. L	30.	4. L	10.0	6.0	1.1
20 11 78 0850			.3		43217	6	422.00	130.	24.	88.	4. L	5.0	11.0	1.4
18 12 78 0910			.3		43236	6	318.00	1400.	40.	64.	4. L	0.0	13.5	1.0
MAXIMUM							1310.00	2900.	52.	600.	4.	20.0	13.5	3.0
AVG OR GEOM MN (*)							447.27	250.*	19.* D	42.* E	4.* D	9.2	9.7	1.9
MINIMUM							66.20	30.	4.	4.	4.	0.0	6.0	1.0
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
16 01 78 0910			.3		0.044	0.031	0.095	0.495	0.026	5.460	5.581	0.400	5.981	388.0
20 02 78 0915			.3		0.111	0.085	0.580	0.940	0.029	3.860	4.469	0.360	4.829	442.0
20 03 78 0900			.3		0.106	0.083	0.495	0.880	0.027	4.510	5.032	0.385	5.417	392.0
17 04 78 0850			.3		0.104	0.071	0.160	0.665	0.035	3.060	3.255	0.505	3.760	252.0
15 05 78 0845			.3		0.056	0.003	0.025	0.665	0.045	2.900	2.970	0.640	3.610	342.0
19 06 78 0845			.3		0.064	0.002	0.065	0.780	0.053	2.000	2.118	0.715	2.833	340.0
17 07 78 0900			.3		0.065	0.002	0.145	0.850	0.083	0.990	1.218	0.705	1.923	316.0
21 08 78 0904			.3		0.115	0.028	0.100	0.935	0.037	0.190	0.327	0.835	1.162	256.0
18 09 78 1005			.3		0.108	0.015	0.195	0.875	0.047	0.330	0.572	0.680	1.252	266.0
16 10 78 0900			.3		0.048	0.003	0.035	0.855	0.031	6.110	6.176	0.820	6.996	358.0
20 11 78 0850			.3		0.038	0.005	0.165	0.740	0.027	2.620	2.812	0.575	3.387	366.0
18 12 78 0910			.3		0.055	0.027	0.100	0.500	0.027	6.900	7.027	0.400	7.427	374.0
MAXIMUM					0.115	0.085	0.580	0.940	0.083	6.900	7.027	0.835	7.427	442.0
AVG OR GEOM MN (*)					0.076	0.030	0.180	0.765	0.039	3.244	3.463	0.585	4.048	341.0
MINIMUM					0.038	0.002	0.025	0.495	0.026	0.190	0.327	0.360	1.162	252.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 0910			.3		0.5L	388		640	2.60	20.0
20 02 78 0915			.3		0.5L	442		715	2.40	24.0
20 03 78 0900			.3		1.5	391		680	7.80	29.0
17 04 78 0850			.3		15.0		254	390	20.00	8.0
15 05 78 0845			.3		11.5	331		489	6.70	18.0
19 06 78 0845			.3		10.0	330		457	4.70	18.0
17 07 78 0900			.3		10.0	306		462	1.70	20.5
21 08 78 0904			.3		12.0	244		402	4.80	21.0
18 09 78 1005			.3		22.0	244		432	8.80	24.0
16 10 78 0900			.3		1.0	357		570	5.10	17.5
20 11 78 0850			.3		11.0	355		555	6.20	20.5
18 12 78 0910			.3		2.0	372		577	3.30	23.5

(CONTD)

```
                                                                                  DATE OF REPORT  25 OCT 79  PAGE   146
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS
                                                                                  STATION ID:  04-0013-027-02
 B.O.W./ SITE: NORTH THAMES RIVER
 SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 42 LONDON                                               STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02GE003          MAJOR BASIN: GREAT LAKES                             003
                                                        MINOR BASIN: LAKE ERIE                               2870
                                                        TERM STREAM: THAMES RIVER

STN NO:    27    LAT:              LONG:               U T M: 17 0484125.0 4765225.0 4   REGION: 01       MILEAGE:  135.10

                                         6          7      107         14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ      SUSP.      DISS.  CALCUL       COND.     TURB.    CHLORIDE
DY MO YR LMT    DIST BRG DEPTH        SOLIDS     SOLIDS  D-SOLIDS       25C   FORMAZIN     MG/L
                FEET      MTRS          MG/L       MG/L  MG/L         UMHOS     UNITS

                       MAXIMUM          22.0        442      254        715     20.00      29.0
          AVG OR GEOM MN (*)             8.1D       342      254        531      6.18      20.3
                       MINIMUM           0.5        244      254        390      1.70       8.0

                  NO OF SAMPLES          12         11        1          12        12        12


                                                                                  STATION ID:  04-0013-029-02
 B.O.W./ SITE: DINGMAN CREEK
 SAMPLE POINT: AT FIRST CONCESSION DOWNSTREAM OF LAMBETH                                        STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02GE005          MAJOR BASIN: GREAT LAKES                             003
                                                        MINOR BASIN: LAKE ERIE                               2870
                                                        TERM STREAM: THAMES RIVER

STN NO:    29    LAT:              LONG:               U T M: 17 0474400.0 4751100.0 4   REGION: 01       MILEAGE:  121.80

                                        934      901      444        80          81          84           88        805        3        1
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS    TOTAL       FECAL        M.F.       PSEUD.     WATER     DISS.    5-DAY
DY MO YR LMT    DIST BRG DEPTH            NO                      COLIFORM    COLIFORM      ENTER.         MPA     TEMP.       02      BOD
                FEET      MTRS                                    MF/100ML    MF/100ML    MF/100ML    MF/100ML     DEG C     MG/L     MG/L

18 01 78 1032                .3        43013   4         20.50   12800E+1    8700.       8000.        64.          1.0       9.5      1.9
22 02 78 1010                .3        43035   4         12.60    7100..      410.       2700.         4.   L      1.0      10.0      1.6
22 03 78 1010                .3        43057   3        450.00   17300E+1G    600.  G     468.        64.          1.0      10.5      4.0
19 04 78 1035                .3        43079   6         59.00   38000.       700.       1500.  G      4.   L      7.0      10.0      1.7
17 05 78 1020                .3        43101   6         42.20   29000.       860.       1500.  G      4.   L     13.0       8.5      4.0
21 06 78 0940                .3        43123   6         12.60   11000.      1500.  G    4100.         4.   L     19.0       4.5      4.2
19 07 78 1005                .3        43145   8          2.80    1800.       270.       3200.         4.   L     20.5       4.0      2.4
23 08 78 1020                .3        43167   6          2.80   11000.       250.       1040.        12.         19.0       3.5      1.5
20 09 78 1035                .3        43189   6         19.80   29000E+1G   5400.       1500.  G    200.         16.0       3.5      2.4
18 10 78 1021                .3        43209   6          8.00   22000.      1200.        710.         4.   L      5.5       6.5      3.4
22 11 78 1000                .3        43228   6         11.10   11100E+1     720.        880.       128.          0.0      10.5      1.7
20 12 78 1010                .3        43247   4         24.00   21000.      1500.  G    1500.  G     80.          1.0      11.0      1.4

                       MAXIMUM                          450.00   29000E+1    8700.       8000.       200.         20.5      11.0      4.2
          AVG OR GEOM MN (*)                             55.45   30139.* U    992.* U    1659.* U     17.* D       8.7       7.7      2.5
                       MINIMUM                            2.80    1800.       250.        468.         4.          0.0       3.5      1.4

                  NO OF SAMPLES                             12       12          12          12         12         12        12       12
                                         33       34         19         20        21         22         17         18        23        5
SAMP DTE HOUR   STN  STN SAMP  PJ      TOTAL  FILTERED   FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL   TOTAL N    TOTAL
DY MO YR LMT    DIST BRG DEPTH            P   REACTIVE   AMMONIA    KJELDAHL  NO2-N      NO3-N            N   ORGNC  N             SOLIDS
                FEET      MTRS          MG/L    P MG/L       MG/L       MG/L  MG/L       MG/L          MG/L       MG/L      MG/L     MG/L

18 01 78 1032                .3        0.142     0.057      0.655      1.100     0.038      3.700      4.393      0.445     4.838    414.0
22 02 78 1010                .3        0.102     0.071      0.395      0.800     0.025      2.700      3.120      0.405     3.525    470.0



22 03 78 1010                .3        0.300     0.177      0.495      1.280     0.039      2.100      2.634      0.785     3.419    236.0
19 04 78 1035                .3        0.115     0.052      0.130      0.645     0.029      2.200      2.359      0.515     2.874    402.0
17 05 78 1020                .3        0.129     0.057      0.155      0.900     0.051      2.230      2.436      0.745     3.181    464.0
21 06 78 0940                .3        0.320     0.207      0.300      1.200     0.219      1.380      1.899      0.900     2.799    466.0
19 07 78 1005                .3        0.330     0.224      0.225      1.100     0.217      1.870      2.312      0.875     3.187    418.0
23 08 78 1020                .3        0.285     0.179      0.155      0.885     0.080      1.450      1.685      0.730     2.415    394.0
20 09 78 1035                .3        0.380     0.143      0.155      1.030     0.068      1.460      1.683      0.875     2.558    474.0
18 10 78 1021                .3        0.430     0.193      1.200      2.300     0.131      2.150      3.481      1.100     4.581    570.0
22 11 78 1000                .3        0.208     0.131      0.780      1.450     0.069      4.070      4.919      0.670     5.589    540.0
20 12 78 1010                .3        0.111     0.068      0.275      0.800     0.038      5.900      6.213      0.525     6.738    600.0

                       MAXIMUM         0.430     0.224      1.200      2.300     0.219      5.900      6.213      1.100     6.738    600.0
          AVG OR GEOM MN (*)           0.238     0.130      0.410      1.124     0.084      2.601      3.095      0.714     3.809    454.0
                       MINIMUM         0.102     0.052      0.130      0.645     0.025      1.380      1.683      0.405     2.415    236.0

                  NO OF SAMPLES          12        12         12         12        12         12         12         12        12       12
                                         6          7      107         14        16        56         55
SAMP DTE HOUR   STN  STN SAMP  PJ      SUSP.      DISS.  CALCUL       COND.     TURB.    CHLORIDE       PH
DY MO YR LMT    DIST BRG DEPTH        SOLIDS     SOLIDS  D-SOLIDS       25C   FORMAZIN     MG/L      AT LAB
                FEET      MTRS          MG/L       MG/L  MG/L         UMHOS     UNITS

18 01 78 1032                .3          5.0        409               740      7.00      49.0
22 02 78 1010                .3          5.0        465               790      7.70      60.0       7.71
22 03 78 1010                .3         67.0                 228       350     46.00      27.0
19 04 78 1035                .3         21.0        381               620     21.00      45.0
17 05 78 1020                .3         16.0        448               675     16.00      48.0
21 06 78 0940                .3         33.0        433               655     17.00      63.0
19 07 78 1005                .3         23.0        395               660     13.00      48.5
23 08 78 1020                .3         24.0        370               635     15.00      52.0
20 09 78 1035                .3         34.0        440               725     20.00      85.0
18 10 78 1021                .3          5.5        564               861     11.00      81.0
22 11 78 1000                .3         23.0        517               839     17.00      74.0
20 12 78 1010                .3          9.0        591               980      7.30     120.0

                       MAXIMUM          67.0        591      228       980     46.00     120.0       7.71
          AVG OR GEOM MN (*)            22.1        456      228       711     16.50      62.7       7.71
                       MINIMUM           5.0        370      228       350      7.00      27.0       7.71

                  NO OF SAMPLES          12         11        1         12        12        12          1
 B.O.W./ SITE: THAMES RIVER                                                                     STATION ID:  04-0013-032-02
 SAMPLE POINT: AT HIGHWAY 76
 STATION TYPE: RIVER    FLOW GAUGE FED 02GE006            MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                         003
                                                          TERM STREAM: THAMES RIVER                                      2870

STN NO:     32     LAT:                 LONG:             U T M: 17 0442950.0 4724550.0 4    REGION: 01          MILEAGE:   66.10

                                     934      901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

22 02 78 1610              .3       40035   4         611.00      900.       20.       20.     4.  L       0.2      12.4       0.8
11 04 78 1425              .3       40086   6 3     12200.00     1200.      196.      188.     4.  L       6.0      13.0       2.0
25 05 78 1130              .3       40112   6        1240.00       90.       16.       12.     4.  L      19.8       8.8       2.3
13 06 78 1220              .3       40136   6         600.00      380.       40.      216.     4.  L      17.1       9.7       3.9
25 07 78 1550              .3       40405   6         285.00      500.       60.       80.     4.  L      25.5      11.0       4.0
29 08 78 1400              .3       40907   6         250.00     1200.      140.      288.     4.  L      24.0      11.0       5.4
25 09 78 1400              .3       40916   6         785.00                                              17.0       9.0       4.0
25 10 78 0830              .3       40927   6         851.00     2400.       16.       68.     4.  L      13.0      10.0       1.1
29 11 78 0830              .3       40938   6        1020.00                                               1.0       9.0       2.6

                      MAXIMUM                       12200.00     2400.      196.      288.     4.         25.5      13.0       5.4
          AVG OR GEOM MN (*)                         1982.44     658.*      44.*      76.*     4.* D      13.7      10.4       2.9
                      MINIMUM                         250.00       90.       16.       12.     4.          0.2       8.8       0.8

                 NO OF SAMPLES                             9         7         7         7         7         9         9         9

                                       33        34        19        20        21        22        17        18        23         5
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC    TOTAL-   TOTAL N     TOTAL
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS
               FEET      MTRS        MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L

22 02 78 1610              .3       0.070     0.040     0.605     0.870     0.033     4.400     5.038     0.265     5.303     380.0
11 04 78 1425              .3       0.178     0.105     0.215     0.810     0.037     2.700     2.952     0.595     3.547     314.0
25 05 78 1130              .3       0.098     0.019     0.015     0.750     0.062     2.730     2.807     0.735     3.542     386.0
13 06 78 1220              .3       0.202     0.051     0.025     0.660     0.039     2.150     2.214     0.635     2.849     526.0
25 07 78 1550              .3       0.212     0.027     0.025     1.270     0.017     0.480     0.522     1.245     1.767     560.0
29 08 78 1400              .3       0.236     0.022     0.020     1.400     0.019     0.570     0.609     1.380     1.989     570.0
25 09 78 1400              .3       0.250     0.045     0.035     1.280     0.031     2.710     2.776     1.245     4.021     516.0
25 10 78 0830              .3       0.102     0.047     0.035     0.630     0.073     3.170     3.278     0.595     3.873     470.0
29 11 78 0830              .3       0.085     0.026     0.345     1.010     0.040     3.160     3.545     0.665     4.210     448.0

                      MAXIMUM       0.250     0.105     0.605     1.400     0.073     4.400     5.038     1.380     5.303     570.0
          AVG OR GEOM MN (*)        0.159     0.042     0.147     0.964     0.039     2.452     2.638     0.818     3.456     463.3
                      MINIMUM       0.070     0.019     0.015     0.630     0.017     0.480     0.522     0.265     1.767     314.0

                 NO OF SAMPLES          9         9         9         9         9         9         9         9         9         9

                                        6         7       107        14        16        56        59       280        95        52
SAMP DTE HOUR  STN  STN SAMP  PJ    SUSP.     DISS.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE  ACIDITY   TOT ALK
DY MO YR LMT   DIST BRG DEPTH      SOLIDS    SOLIDS  D-SOLIDS      25C  FORMAZIN      MG/L            SILICATE   PH 8.3    AT LAB
               FEET      MTRS        MG/L      MG/L  MG/L        UMHOS     UNITS                  MG/L  SI MG/L      MG/L      MG/L

22 02 78 1610              .3        10.0       370                730      7.70      32.5      58.0      2.70       7.0       244
11 04 78 1425              .3        56.0                 244      379     60.00      11.0      22.0      2.20       3.0       151
25 05 78 1130              .3        44.5       342                545     24.00      24.5      36.0      0.65       0.0       208
13 06 78 1220              .3       114.0       412                585    105.00      33.0      52.0      1.00       0.0       215
25 07 78 1550              .3       147.0       413                550    128.00      43.5      26.5      0.50       0.0       168
29 08 78 1400              .3       199.0       371                615    150.00      44.5      61.0      1.25      16.9       206




25 09 78 1400              .3       130.0       386                540     87.00      30.0      58.0      2.40       5.2       201
25 10 78 0830              .3        32.5       438                650     23.00      36.0      74.0      0.20       5.3       211
29 11 78 0830              .3        24.0       424                650     11.00      33.5      63.0      2.06       5.8       228

                      MAXIMUM       199.0       438       244      730    150.00      44.5      74.0      2.70      16.9       244
          AVG OR GEOM MN (*)         84.1       394       244      583     66.19      32.1      50.1      1.44       4.8       204
                      MINIMUM        10.0       342       244      379      7.70      11.0      22.0      0.20       0.0       151

                 NO OF SAMPLES          9         8         1        9         9         9         9         9         9         9

                                       55       208        25        76        72        74        68        67        66        41
SAMP DTE HOUR  STN  STN SAMP  PJ       PH     TOTAL  PHENOLS     CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD
DY MO YR LMT   DIST BRG DEPTH      AT LAB      IRON            HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA
               FEET      MTRS                  MG/L      UG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

22 02 78 1610              .3        7.98     0.390     1.0L      332.0     98.00     20.60        15      2.80     19.40        13
11 04 78 1425              .3        8.06     2.420     1.0       198.0     60.00     11.60                  2.90      5.60        14
25 05 78 1130              .3        8.32     1.250     1.0L      256.0     74.00     17.20        50      2.90     13.40        23
13 06 78 1220              .3        8.26     3.240     1.0L      264.0     75.00     18.60        30      4.80     22.00        31
25 07 78 1550              .3        8.34     4.500     1.0L      237.0     63.00     19.20        50      4.30     31.00        32
29 08 78 1400              .3        8.29     6.150     1.0L      195.0     55.00     14.00        37      4.75     31.00        34
25 09 78 1400              .3        8.21     3.600     1.0L      248.0     71.00     17.00        25      4.95     19.50        30
25 10 78 0830              .3        8.23     0.920     1.0L      283.0     79.00     20.80        23      4.25     23.20        21
29 11 78 0830              .3        8.22     0.520     1.0L      302.0     87.00     20.40        16      4.00     16.90        21

                      MAXIMUM        8.34     6.150     1.0       332.0     98.00     20.80        50      4.95     31.00        34
          AVG OR GEOM MN (*)         8.21     2.554     1.0D      257.2     73.56     17.71        31      3.96     20.22        24
                      MINIMUM        7.98     0.390     1.0       195.0     55.00     11.60        15      2.80      5.60        13

                 NO OF SAMPLES          9         9         9         9         9         9         8         9         9         9


 B.O.W./ SITE: BIG CREEK                                            PLUARG                      STATION ID:  04-0013-033-02
 SAMPLE POINT: CON 10 WEST TILBURY TWP WEST OF STRANGFIELD AG-1
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                         003
                                                          TERM STREAM: THAMES RIVER                                      2870

STN NO:     33     LAT:                 LONG:             U T M: 17 0374740.0 4672070.0 4    REGION: 01          MILEAGE:   10.40

                                     934      901        80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

29 08 78 0915              .3       40900   6           3800.       60.      120.     4.  L      23.0       9.0       2.8     0.128

                      MAXIMUM                           3800.       60.      120.     4.         23.0       9.0       2.8     0.128
          AVG OR GEOM MN (*)                            3801.*      60.*     120.*    4.* D      23.0       9.0       2.8     0.128
                      MINIMUM                           3800.       60.      120.     4.         23.0       9.0       2.8     0.128

                 NO OF SAMPLES                              1         1         1         1         1         1         1         1
```

(C O N T D)

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                  DATE OF REPORT  25 OCT 79  PAGE   148

 B.O.W./ SITE: BIG CREEK                                          PLUARG                   STATION ID:  04-0013-033-02
 SAMPLE POINT: CON 10 WEST TILBURY TWP WEST OF STRANGFIELD AG-1
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                           003
                                                       TERM STREAM: THAMES RIVER                                        2870

STN NO:     33     LAT:                 LONG:          U T M: 17 0374740.0 4672070.0 4    REGION: 01           MILEAGE:    10.40

                                            34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ     FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH        REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS          P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

29 08 78 0915                 .3         0.025     0.065     1.140     0.027     0.180     0.272     1.075     1.347     632.0      63.5

                         MAXIMUM         0.025     0.065     1.140     0.027     0.180     0.272     1.075     1.347     632.0      63.5
            AVG OR GEOM MN (*)           0.025     0.065     1.140     0.027     0.180     0.272     1.075     1.347     632.0      63.5
                         MINIMUM         0.025     0.065     1.140     0.027     0.180     0.272     1.075     1.347     632.0      63.5

                 NO OF SAMPLES               1         1         1         1         1         1         1         1         1         1

                                             7        14        16        56        55
SAMP DTE HOUR   STN  STN SAMP  PJ        DISS.     COND.     TURB.  CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH          SOLIDS       25C  FORMAZIN      MG/L    AT LAB
                FEET      MTRS            MG/L     UMHOS     UNITS

29 08 78 0915                 .3           568       795     85.00      45.5      7.99

                         MAXIMUM           568       795     85.00      45.5      7.99
            AVG OR GEOM MN (*)             568       795     85.00      45.5      7.99
                         MINIMUM           568       795     85.00      45.5      7.99

                 NO OF SAMPLES               1         1         1         1         1


 B.O.W./ SITE: OXBOW CREEK                                                                  STATION ID:  04-0013-036-02
 SAMPLE POINT: AT FIRST CONCESSION SOUTH OF ILDERTON
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                           003
                                                       TERM STREAM: THAMES RIVER                                        2870

STN NO:     36     LAT:                 LONG:          U T M: 17 0470400.0 4768550.0 4    REGION: 01           MILEAGE:   133.80

                                           934   901          80        81        84        88       805         3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ       SAMPLE   SCD       TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH              NO          COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
                FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

18 01 78 0938                 .3         43011   4          400.       10.      270.      4.  L      1.0      13.5       7.0     0.112
22 03 78 0925                 .3         43055   3     13000E+1G     1100.     1210.      4.  L      1.0      12.0       2.6     0.156
19 04 78 0945                 .3         43077   6         6000.       10.      190.      4.  L      5.0      10.5       1.0     0.030
17 05 78 0920                 .3         43099   6          620.       90.      310.      4.  L     10.5       9.5       1.4     0.023
21 06 78 0845                 .3         43121   8        40000.    1500. G   1500. G     4.  L     18.0       5.0       3.0     0.124
19 07 78 0915                 .3         43143   8          800.      530.     3100.      4.  L     20.0       7.0       1.1     0.041
23 08 78 0920                 .3         43165   6 8      11000.      170.      620.     52.        18.0       7.0       0.7     0.030
20 09 78 0920                 .3         43187   6         4100.       30.      350.      4.  L     14.0       8.0       0.4     0.016
18 10 78 0927                 .3         43207   6          500.       50.      260.      4.  L      5.0       9.5       0.8     0.013
22 11 78 0910                 .3         43226   6         3100.      130.    1500. G     4.  L      0.5      10.5       0.5     0.024
20 12 78 0930                 .3         43245   6         3200.       12.       50.      4.  L      1.0      12.5       0.6     0.016



                         MAXIMUM                       13000E+1     1500.     3100.     52.         20.0      13.5       7.0     0.156
            AVG OR GEOM MN (*)                         3617.* U   90.* U   489.* U     5.* D       8.5       9.5       1.7     0.053
                         MINIMUM                          400.       10.       50.      4.           0.5       5.0       0.4     0.013

                 NO OF SAMPLES                               11        11        11        11        11        11        11        11

                                            34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ     FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH        REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS          P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

18 01 78 0938                 .3         0.072     0.420     1.500     0.042     4.200     4.662     1.080     5.742     466.0      65.0
22 03 78 0925                 .3         0.105     0.360     0.960     0.027     5.860     6.247     0.600     6.847     244.0      13.0
19 04 78 0945                 .3         0.021     0.060     0.295     0.023     4.800     4.883     0.235     5.118     308.0       4.5
17 05 78 0920                 .3         0.009     0.015     0.425     0.027     4.300     4.342     0.410     4.752     334.0       8.0
21 06 78 0845                 .3         0.026     0.015     0.700     0.039     1.290     1.344     0.685     2.029     350.0      39.0
19 07 78 0915                 .3         0.009     0.020     0.480     0.007     0.010L    0.037     0.460     0.497     268.0      10.0
23 08 78 0920                 .3         0.006     0.025     0.340     0.006     0.080     0.111     0.315     0.426     142.0      11.5
20 09 78 0920                 .3         0.013     0.025     0.260     0.007     1.340     1.372     0.235     1.607     206.0       6.5
18 10 78 0927                 .3         0.002     0.005L    0.360     0.009     3.590     3.604     0.355     3.959     426.0       0.5
22 11 78 0910                 .3         0.009     0.015     0.345     0.015     5.330     5.360     0.330     5.690     422.0       5.0
20 12 78 0930                 .3         0.014     0.010     0.235     0.014     7.400     7.424     0.225     7.649     362.0       2.5

                         MAXIMUM         0.105     0.420     1.500     0.042     7.400     7.424     1.080     7.649     466.0      65.0
            AVG OR GEOM MN (*)           0.026     0.088D    0.536     0.020     3.473D    3.581     0.448     4.029     320.7      15.0
                         MINIMUM         0.002     0.005     0.235     0.006     0.010     0.037     0.225     0.426     142.0       0.5

                 NO OF SAMPLES              11        11        11        11        11        11        11        11        11        11

                                             7       107        14        16        56        55
SAMP DTE HOUR   STN  STN SAMP  PJ        DISS.  CALCUL       COND.     TURB.  CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH          SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L    AT LAB
                FEET      MTRS            MG/L  MG/L         UMHOS     UNITS

18 01 78 0938                 .3           401                 685     20.00      17.0      7.61
22 03 78 0925                 .3           231                 454     12.00       8.5      7.50
19 04 78 0945                 .3           304                 540      2.50       9.5      7.93
17 05 78 0920                 .3           326                 560      1.40      11.0      7.94
21 06 78 0845                 .3           311                 448     13.00       9.0      7.64
19 07 78 0915                 .3           258                 438      6.40      10.5      7.75
23 08 78 0920                 .3                      18       281      5.70       7.5      7.78
20 09 78 0920                 .3                     224       344      1.30       9.0      7.55
18 10 78 0927                 .3           425                 622      1.10      16.5      7.51
22 11 78 0910                 .3           417                 660      1.50      19.5      8.20
20 12 78 0930                 .3           259                 665      0.70      18.5      7.76

                         MAXIMUM           425       224       685     20.00      19.5      8.20
            AVG OR GEOM MN (*)             326       121       518      5.96      12.4      7.74
                         MINIMUM           231        18       281      0.70       7.5      7.50

                 NO OF SAMPLES               9         2        11        11        11        11
```

B.O.W./ SITE: DINGMAN CREEK
SAMPLE POINT: AT WELLINGTON ROAD
STATION TYPE: RIVER

STATION ID: 04-0013-037-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 37 LAT: LONG: U T M: 17 0483050.0 4750850.0 4 REGION: 01 MILEAGE: 129.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78	1055			.3		43014	4	1200.	110.	190.	4. L	1.0	8.0	0.8	0.075
22 02 78	1035			.3		43036	4	360.	32.	224.	4. L	0.5	10.5	0.8	0.052
22 03 78	1035			.3		43058	3	10000E+2G	600. G	572.	8.	0.5	10.5	3.8	0.235
19 04 78	1055			.3		43080	6	7700.	280.	1330.	4. L	7.0	10.0	1.5	0.061
17 05 78	1035			.3		43102	8	4100.	430.	1500. G	4. L	13.0	9.0	2.8	0.056
21 06 78	1000			.3		43124	6	4400.	870.	1300.	4. L	20.0	5.5	2.6	0.128
19 07 78	1030			.3		43146	5	3100.	690.	500.	4. L	22.0	6.5	1.2	0.079
23 08 78	1035			.3		43168	6	3400.	410.	360.	4. L	21.0	7.0	1.4	0.096
20 09 78	1055			.3		43190	6	95000.	3800.	1100.	84.	16.0	7.0	1.4	0.148
18 10 78	1045			.3		43210	6	10000.	1110.	530.	4. L	5.0	9.5	1.3	0.033
22 11 78	1015			.3		43229	6	2800.	230.	400.	4. L	0.0	12.0	1.1	0.050
20 12 78	1040			.3		43248	9	1700.	24.	148.	4. L	1.0	11.0	0.6	0.046
MAXIMUM								10000E+2	3800.	1500.	84.	22.0	12.0	3.8	0.235
AVG OR GEOM MN (*)								6138.* U	326.* U	520.* U	5.* D	8.9	8.9	1.6	0.088
MINIMUM								360.	24.	148.	4.	0.0	5.5	0.6	0.033
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78	1055			.3		0.030	0.185	0.860	0.032	3.900	4.117	0.675	4.792	450.0	28.0
22 02 78	1035			.3		0.033	0.255	0.770	0.019	2.200	2.474	0.515	2.989	454.0	4.5
22 03 78	1035			.3		0.133	0.515	1.520	0.035	3.500	4.050	1.005	5.055	232.0	44.0
19 04 78	1055			.3		0.021	0.080	0.690	0.021	3.200	3.301	0.610	3.911	364.0	11.5
17 05 78	1035			.3		0.007	0.200	0.535	0.062	2.260	2.522	0.335	2.857	420.0	11.0
21 06 78	1000			.3		0.032	0.055	0.880	0.025	0.230	0.310	0.825	1.135	462.0	52.0
19 07 78	1030			.3		0.021	0.030	0.550	0.011	0.060	0.101	0.520	0.621	330.0	23.0
23 08 78	1035			.3		0.020	0.040	0.835	0.053	1.260	1.353	0.795	2.148	434.0	29.0
20 09 78	1055			.3		0.072	0.065	1.030	0.075	3.870	4.010	0.965	4.975	618.0	34.0
18 10 78	1045			.3		0.007	0.005L	0.580	0.013	1.920	1.938	0.575	2.513	544.0	1.5
22 11 78	1015			.3		0.029	0.040	0.580	0.039	6.110	6.189	0.540	6.729	542.0	5.0
20 12 78	1040			.3		0.028	0.025	0.455	0.019	7.400	7.444	0.430	7.874	514.0	4.5
MAXIMUM						0.133	0.515	1.520	0.075	7.400	7.444	1.005	7.874	618.0	52.0
AVG OR GEOM MN (*)						0.036	0.125D	0.774	0.034	2.993	3.151	0.649	3.800	447.0	20.7
MINIMUM						0.007	0.005	0.455	0.011	0.060	0.101	0.335	0.621	232.0	1.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78	1055			.3		422		700	12.00	44.0
22 02 78	1035			.3		450		730	5.50	52.0
22 03 78	1035			.3			240	369	32.00	28.0
19 04 78	1055			.3		353		580	12.00	38.5
17 05 78	1035			.3		409		635	4.70	42.0
21 06 78	1000			.3		410		555	21.00	29.5
19 07 78	1030			.3		307		505	12.00	19.0
23 08 78	1035			.3		405		680	17.00	70.0
20 09 78	1055			.3		584		930	18.00	120.0
18 10 78	1045			.3		542		799	4.10	75.0
22 11 78	1015			.3		537		825	5.00	70.0
20 12 78	1040			.3		409		860	4.00	77.0
MAXIMUM						584	240	930	32.00	120.0
AVG OR GEOM MN (*)						439	240	681	12.28	55.4
MINIMUM						307	240	369	4.00	19.0
NO OF SAMPLES						11	1	12	12	12

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT COUNTY ROAD 48 WOODSTOCK
STATION TYPE: RIVER FLOW GAUGE FED 02GD012

STATION ID: 04-0013-038-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 38 LAT: LONG: U T M: 17 0518850.0 4776700.0 4 REGION: 01 MILEAGE: 162.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
18 01 78	1500			.3		43019	6	55.10	200.	70.	120.	4.	0.0	9.5	1.0
22 02 78	1330			.3		43041	6	39.20	336.	20.	236.	4. L	0.5	12.0	1.2
22 03 78	1305			.3		43063	6	473.00	72000. G	488.	740.	4.	0.0	13.0	4.0
19 04 78	1325			.3		43085	6	313.00					6.0	11.5	1.2
17 05 78	1355			.3		43107	6	155.00	1320.	30.	10.	4. L	13.0	10.5	3.2
21 06 78	1310			.3		43129	8	31.40	8600.	392.	172.	4.	20.0	9.0	2.5
19 07 78	1345			.3		43151	5	38.20	140.	20.	140.	4. L	23.5	10.5	3.4
23 08 78	1335			.3		43173	6	26.00	770.	116.	68.	4.	25.0	12.0	4.2
20 09 78	1355			.3		43195	6	84.00	13000.	1100.	330.	20.	18.0	9.5	4.2
18 10 78	1400			.3		43214	6	93.70	1300.	60.	40.	4. L	8.5	9.5	3.7
22 11 78	1225			.3		43233	6	53.10	8100.	340.	1500. G	24.	0.0	1.0	2.6
20 12 78	1315			.3		43252	6	46.90	620.	10.	50.	4. L	1.0	10.5	1.2
MAXIMUM								473.00	72000.	1100.	1500.	24.	25.0	13.0	4.2
AVG OR GEOM MN (*)								117.38	1760.* U	92.*	138.* U	5.* D	9.6	9.9	2.7
MINIMUM								26.00	140.	10.	10.	4.	0.0	1.0	1.0
NO OF SAMPLES								12	11	11	11	11	12	12	12

(CONTD)

STATION ID: 04-0013-038-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT COUNTY ROAD 48 WOODSTOCK
STATION TYPE: RIVER FLOW GAUGE FED 02GD012

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 38 LAT: LONG: U T M: 17 0518850.0 4776700.0 4 REGION: 01 MILEAGE: 162.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 1500			.3		0.042	0.016	0.255	0.575	0.027	3.900	4.182	0.320	4.502	494.0
22 02 78 1330			.3		0.060	0.024	0.435	0.790	0.026	3.300	3.761	0.355	4.116	508.0
22 03 78 1305			.3		0.202	0.092	0.765	1.740	0.035	3.510	4.310	0.975	5.285	328.0
19 04 78 1325			.3		0.157	0.091	0.255	0.915	0.033	3.300	3.588	0.660	4.248	234.0
17 05 78 1355			.3		0.067	0.003	0.015	0.830	0.033	1.700	1.748	0.815	2.563	334.0
21 06 78 1310			.3		0.073	0.007	0.105	0.975	0.067	1.120	1.292	0.870	2.162	438.0
19 07 78 1345			.3		0.115	0.002	0.110	1.100	0.055	0.250	0.415	0.990	1.405	392.0
23 08 78 1335			.3		0.114	0.005	0.005L	1.150	0.002	0.010L	0.017	1.145	1.162	344.0
20 09 78 1355			.3		0.151	0.008	0.035	1.380	0.015	0.220	0.270	1.345	1.615	382.0
18 10 78 1400			.3		0.095	0.006	0.245	1.330	0.037	0.160	0.442	1.085	1.527	502.0
22 11 78 1225			.3		0.055	0.011	0.330	0.575	0.035	2.710	3.075	0.245	3.320	532.0
20 12 78 1315			.3		0.044	0.020	0.305	0.730	0.032	5.300	5.637	0.425	6.062	508.0
MAXIMUM					0.202	0.092	0.765	1.740	0.067	5.300	5.637	1.345	6.062	532.0
AVG OR GEOM MN (*)					0.098	0.024	0.238D	1.008	0.033	2.123D	2.395	0.769	3.164	416.3
MINIMUM					0.042	0.002	0.005	0.575	0.002	0.010	0.017	0.245	1.162	234.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1500			.3		1.0	493	770	5.40	29.5
22 02 78 1330			.3		6.0	502	815	5.20	27.5
22 03 78 1305			.3		21.0	307	590	20.00	28.0
19 04 78 1325			.3		11.5	223	401	27.00	15.5
17 05 78 1355			.3		8.5	326	522	3.50	21.0
21 06 78 1310			.3		16.0	422	545	7.00	27.0
19 07 78 1345			.3		10.0	382	540	6.30	28.5
23 08 78 1335			.3		13.0	331	520	6.00	28.5
20 09 78 1355			.3		22.5	360	525	5.30	26.5
18 10 78 1400			.3		6.5	495	670	9.10	35.5
22 11 78 1225			.3		26.0	506	755	14.00	36.5
20 12 78 1315			.3		4.0	504	805	4.30	43.0
MAXIMUM					26.0	506	815	27.00	43.0
AVG OR GEOM MN (*)					12.2	404	622	9.43	28.9
MINIMUM					1.0	223	401	3.50	15.5
NO OF SAMPLES					12	12	12	12	12

STATION ID: 04-0013-039-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT PEMBERTON STREET INGERSOLL
STATION TYPE: RIVER FLOW GAUGE FED 02GD016

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 39 LAT: LONG: U T M: 17 0510000.0 4765650.0 4 REGION: 01 MILEAGE: 152.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 78 1425			.3		43018	4	120.00	9000.	800.	370.	2. L	1.0	13.0	3.6
22 02 78 1307			.3		43040	6	101.00	3900.	180.	244.	4. L	1.5	12.0	1.1
22 03 78 1240			.3		43062	6	1130.00	65000. G	600. G	540.	16.	0.0	13.0	5.6
19 04 78 1300			.3		43084	6	720.00	4000.	470.	160.	8.	7.0	12.0	2.4
17 05 78 1240			.3		43106	6 9	226.00	6800.	370.	300.	12.	12.5	12.5	3.1
21 06 78 1150			.3		43128	6	88.30	3000.	250.	590.	4. L	20.0	7.5	3.1
19 07 78 1300			.3		43150	9 7	73.50	400.	130.	120.	4. L	24.0	11.0	4.4
23 08 78 1250			.3		43172	9 8	52.10					22.0	10.5	2.7
20 09 78 1316			.3		43194	6	199.00	60000.	3100.	420.	4. L	17.5	9.0	3.2
18 10 78 1315			.3		43213	6	113.00	3100.	110.	30.	4.	3.5	10.0	2.6
22 11 78 1210			.3		43232	6	122.00	9300.	90.	330.	4. L	2.0	11.5	2.3
20 12 78 1245			.3		43251	6	105.00	6200.	600. G	284.	20.	0.0	12.5	1.4
MAXIMUM							1130.00	65000.	3100.	590.	20.	24.0	13.0	5.6
AVG OR GEOM MN (*)							254.16	6446.* U	348.* U	246.*	6.* D	9.3	11.2	3.0
MINIMUM							52.10	400.	90.	30.	2.	0.0	7.5	1.1
NO OF SAMPLES							12	11	11	11	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 1425			.3		0.123	0.055	0.815	1.100	0.065	3.800	4.680	0.285	4.965	510.0
22 02 78 1307			.3		0.077	0.035	0.960	1.350	0.069	3.400	4.429	0.390	4.819	530.0
22 03 78 1240			.3		0.285	0.093	0.540	1.480	0.035	3.410	3.985	0.940	4.925	440.0
19 04 78 1300			.3		0.129	0.063	0.145	0.835	0.039	3.300	3.484	0.690	4.174	268.0
17 05 78 1240			.3		0.089	0.005	0.045	0.785	0.065	1.980	2.090	0.740	2.830	396.0
21 06 78 1150			.3		0.182	0.072	0.035	0.855	0.146	2.000	2.181	0.820	3.001	548.0
19 07 78 1300			.3		0.143	0.021	0.005L	0.900	0.089	1.210	1.304	0.895	2.199	500.0
23 08 78 1250			.3		0.137	0.033	0.005	0.870	0.145	1.710	1.860	0.865	2.725	510.0
20 09 78 1316			.3		0.235	0.035	0.090	1.100	0.097	2.030	2.217	1.010	3.227	528.0
18 10 78 1315			.3		0.091	0.024	0.210	0.920	0.142	1.650	2.002	0.710	2.712	604.0
22 11 78 1210			.3		0.076	0.024	0.395	1.030	0.071	3.030	3.496	0.635	4.131	550.0
20 12 78 1245			.3		0.058	0.030	0.400	0.755	0.108	5.300	5.808	0.355	6.163	544.0
MAXIMUM					0.285	0.093	0.960	1.480	0.146	5.300	5.808	1.010	6.163	604.0
AVG OR GEOM MN (*)					0.135	0.041	0.304D	0.998	0.089	2.735	3.128	0.695	3.823	494.0
MINIMUM					0.058	0.005	0.005	0.755	0.035	1.210	1.304	0.285	2.199	268.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
18 01 78 1425			.3		7.0	503	825	6.30	7.0	83.0	3.30	6.0	310	7.98
22 02 78 1307			.3		10.0	520	860	8.60	58.0	96.0	2.60	0.0	242	8.48
22 03 78 1240			.3		90.0	350	550	38.00	28.5	34.5	2.20	6.0	165	7.38
19 04 78 1300			.3		17.0	251	455	17.00	22.5	31.0	1.85	6.0	158	8.13
17 05 78 1240			.3		13.0	383	642	2.50	38.0	58.0	0.65	0.0	203	8.40
21 06 78 1150			.3		27.0	521	735	11.00	58.0	79.0	2.10	11.0	204	7.98
19 07 78 1300			.3		15.0	485	740	7.10	25.0	100.0	1.50	0.0	193	8.49
23 08 78 1250			.3		20.0	490	780	7.60	70.0	98.0	2.55	12.7	197	8.28
20 09 78 1316			.3		94.0	434	665	53.00	46.0	76.0	3.50	15.5	218	8.08
18 10 78 1315			.3		21.0	583	823	6.20	63.0	132.0	1.80	10.6	206	8.08
22 11 78 1210			.3		10.5	539	840	7.00	56.0	54.0	3.46	4.1	236	8.20
20 12 78 1245			.3		3.5	541	880	3.90	70.0	100.0	3.80	4.0	255	8.12
MAXIMUM					94.0	583	880	53.00	70.0	132.0	3.80	15.5	310	8.49
AVG OR GEOM MN (*)					27.3	467	733	14.02	45.2	78.5	2.44	6.3	216	8.13
MINIMUM					3.5	251	455	2.50	7.0	31.0	0.65	0.0	158	7.38
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
18 01 78 1425			.3		0.300	380.0	105.00	23.00	10	3.00	24.00	23
22 02 78 1307			.3		0.270	364.0	115.00	25.20	20	3.30	67.00	21
22 03 78 1240			.3		2.220	218.0	61.50	13.40	30	3.10	15.20	44
19 04 78 1300			.3		0.780	189.0	58.00	10.80	20	3.00	11.80	17
17 05 78 1240			.3		0.210	273.0	78.50	18.60	20	3.10	21.20	27
21 06 78 1150			.3		0.460	308.0	87.50	21.60	20	3.80	37.00	40
19 07 78 1300			.3		0.400	302.0	85.00	21.80	5L	4.50	34.50	31
23 08 78 1250			.3		0.140	301.0	83.00	22.80	27	4.60	44.50	28
20 09 78 1316			.3		1.620	285.0	81.50	19.80	31	3.75	27.00	54
18 10 78 1315			.3		0.340	342.0	94.50	25.60	32	5.35	40.00	26
22 11 78 1210			.3		0.380	372.0	104.00	27.20	20	3.80	23.00	49
20 12 78 1245			.3		0.240	396.0	115.00	26.40	17	4.00	39.50	32
MAXIMUM					2.220	396.0	115.00	27.20	32	5.35	67.00	54
AVG OR GEOM MN (*)					0.613	310.8	89.04	21.35	21D	3.78	32.06	33
MINIMUM					0.140	189.0	58.00	10.80	5	3.00	11.80	17
NO OF SAMPLES					12	12	12	12	12	12	12	12

B.O.W./ SITE: NORTH BRANCH CREEK
SAMPLE POINT: OXFORD COUNTY ROAD 6 NORTH OF EMBRO
STATION TYPE: RIVER FLOW GAUGE MOE 02GD107

STATION ID: 04-0013-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 40 LAT: LONG: U T M: 17 0507750.0 4778600.0 4 REGION: 01 MILEAGE: 162.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1525			.3		43010	4	6000.	880.	220.	4. L	1.0	10.0	1.0	0.044
20 02 78 1500			.3		43032	6	400.	248.	520.	4. L	1.0	13.0	3.1	0.048
20 03 78 1345			.3		43054	9 6	1150.	36.	1500. G	4. L	0.5	11.0	2.4	0.110
17 04 78 1335			.3		43076	6	650.	52.	100.	4. L	3.0	12.5	1.0	0.062
15 05 78 1420			.3		43098	6	350.	32.	104.	4. L	10.5	13.5	1.6	0.038
19 06 78 1425			.3		43120	6	3300.	1090.	230.	4. L	22.0	12.5	1.8	0.041
21 08 78 1300			.3		43164		1500.	600. L	452.				1.5	0.031
18 09 78 1527			.3		43186	6	43000.	9600.	1500. G	36.	13.0	12.5		
MAXIMUM							43000.	9600.	1500.	36.	22.0	13.5	3.1	0.110
AVG OR GEOM MN (*)							1844.*	309.* D	359.* U	5.* D	7.3	12.1	1.8	0.053
MINIMUM							350.	32.	100.	4.	0.5	10.0	1.0	0.031
NO OF SAMPLES							8	8	8	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1525			.3		0.025	0.125	0.475	0.025	4.570	4.720	0.350	5.070	366.0	4.0
20 02 78 1500			.3		0.005	0.015	0.620	0.020	2.620	2.655	0.605	3.260	380.0	1.5
20 03 78 1345			.3		0.042	0.415	1.150	0.039	5.100	5.554	0.735	6.289	354.0	15.0
17 04 78 1335			.3		0.037	0.060	0.485	0.021	3.220	3.301	0.425	3.726	298.0	6.5
15 05 78 1420			.3		0.019	0.005	0.595	0.029	3.950	3.984	0.590	4.574	328.0	3.0
19 06 78 1425			.3		0.012	0.045	0.455	0.056	3.280	3.381	0.410	3.791	386.0	13.0
21 08 78 1300			.3		0.004	0.015	0.430	0.022	2.920	2.957	0.415	3.372	294.0	8.0
MAXIMUM					0.042	0.415	1.150	0.056	5.100	5.554	0.735	6.289	386.0	15.0
AVG OR GEOM MN (*)					0.021	0.097	0.601	0.030	3.666	3.793	0.504	4.297	343.7	7.3
MINIMUM					0.004	0.005	0.430	0.020	2.620	2.655	0.350	3.260	294.0	1.5
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

(C O N T D)

STATION ID: 04-0013-040-02

B.O.W./ SITE: NORTH BRANCH CREEK
SAMPLE POINT: OXFORD COUNTY ROAD 6 NORTH OF EMBRO
STATION TYPE: RIVER FLOW GAUGE MOE 02GD107

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 40 LAT: LONG: U T M: 17 0507750.0 4778600.0 4 REGION: 01 MILEAGE: 162.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
16 01 78	1525			.3		362	615	7.30	13.5	7.95
20 02 78	1500			.3		379	640	3.70	13.5	7.87
20 03 78	1345			.3		339	645	12.00	17.0	8.03
17 04 78	1335			.3		292	476	3.60	9.5	8.38
15 05 78	1420			.3		325	545	1.10	13.0	8.47
19 06 78	1425			.3		373	522	1.50	10.5	8.46
21 08 78	1300			.3		286	49	2.0	10.0	
MAXIMUM						379	645	12.00	17.0	8.47
AVG OR GEOM MN (*)						336	499	4.46	12.4	8.19
MINIMUM						286	49	1.10	9.5	7.87
NO OF SAMPLES						7	7	7	7	6

STATION ID: 04-0013-041-02

B.O.W./ SITE: MIDDLE THAMES RIVER
SAMPLE POINT: AT SECOND CONCESSION ROAD SOUTH OF THAMESFORD
STATION TYPE: RIVER FLOW GAUGE FED 02GD004

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 41 LAT: LONG: U T M: 17 0500000.0 4764125.0 4 REGION: 01 MILEAGE: 149.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 78	1540			.3		43021	6	65.00	21000.	2000.	520.	24.	1.0	11.5	1.2
22 02 78	1415			.3		43043	4	45.60	1100.	50.	80.	4. L	2.0	9.5	1.1
22 03 78	1340			.3		43065	3	802.00	10000E+2G	520.	480.	4. L	0.0	12.0	5.5
19 04 78	1400			.3		43087	6	251.00	500.	40.	1500. G	4. L	7.5	12.5	1.2
17 05 78	1440			.3		43109	9 6	139.00	180.	20.	10.	4. L	13.5	11.5	1.8
21 06 78	1355			.3		43131	9 6	42.40	1000.	152.	560.	20.	23.0	10.5	1.4
19 07 78	1440			.3		43153	9 7 5	14.90	290.	64.	750.	4. L	24.0	9.0	1.5
23 08 78	1415			.3		43175	6	13.30	270.	48.	64.	4. L	24.0	12.5	1.1
20 09 78	1432			.3		43197	6	96.90	64000.	900.	420.	12.	19.0	10.5	1.3
18 10 78	1436			.3		43216	6	26.60	110.	20.	310.	4. L	7.0	9.5	1.5
22 11 78	1300			.3		43235	6 9	35.90	300.	10.	240.	4. L	1.0	11.5	0.4
20 12 78	1415			.3		43254	4	53.00	240.	4. L	56.	4. L	1.0	6.5	1.0
MAXIMUM								802.00	10000E+2	2000.	1500.	24.	24.0	12.5	5.5
AVG OR GEOM MN (*)								132.13	1445.* U	70.* D	222.* U	6.* D	10.3	10.6	1.6
MINIMUM								13.30	110.	4.	10.	4.	0.0	6.5	0.4
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78	1540			.3		0.032	0.020	0.135	0.450	0.019	4.600	4.754	0.315	5.069	396.0
22 02 78	1415			.3		0.054	0.021	0.245	0.520	0.050	7.000	7.295	0.275	7.570	634.0
22 03 78	1340			.3		0.275	0.103	0.515	1.400	0.032	5.510	6.057	0.885	6.942	376.0
19 04 78	1400			.3		0.034	0.016	0.035	0.435	0.017	4.200	4.252	0.400	4.652	286.0
17 05 78	1440			.3		0.018	0.003	0.010	0.535	0.029	3.610	3.649	0.525	4.174	334.0
21 06 78	1355			.3		0.031	0.003	0.035	0.530	0.042	1.810	1.887	0.495	2.382	408.0
19 07 78	1440			.3		0.021	0.002	0.005L	0.475	0.013	1.070	1.088	0.470	1.558	342.0
23 08 78	1415			.3		0.016	0.001	0.005L	0.400	0.013	1.070	1.088	0.395	1.483	336.0
20 09 78	1432			.3		0.091	0.034	0.055	0.860	0.035	3.710	3.800	0.805	4.605	412.0
18 10 78	1436			.3		0.007	0.002	0.045	0.435	0.011	2.200	2.256	0.390	2.646	400.0
22 11 78	1300			.3		0.015	0.007	0.075	0.490	0.071	4.480	4.626	0.415	5.041	426.0
20 12 78	1415			.3		0.043	0.010	0.085	0.430	0.020	5.900	6.005	0.345	6.350	442.0
MAXIMUM						0.275	0.103	0.515	1.400	0.071	7.000	7.295	0.885	7.570	634.0
AVG OR GEOM MN (*)						0.053	0.019	0.104D	0.560	0.029	3.763	3.896	0.476	4.373	399.3
MINIMUM						0.007	0.001	0.005	0.400	0.011	1.070	1.088	0.275	1.483	286.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 78	1540			.3		1.5	395	670	2.80	19.5	7.89
22 02 78	1415			.3		2.5	632	995	3.50	31.0	7.88
22 03 78	1340			.3		85.0	291	510	32.00	14.0	7.82
19 04 78	1400			.3		1.0	285	520	2.80	14.0	8.26
17 05 78	1440			.3		3.0	331	580	1.00	17.5	8.42
21 06 78	1355			.3		12.0	396	555	2.50	27.5	8.22
19 07 78	1440			.3		4.0	338	545	1.60	26.0	8.41
23 08 78	1415			.3		3.0	333	555	1.10	28.0	8.44
20 09 78	1432			.3		6.5	406	598	3.40	22.0	8.35
18 10 78	1436			.3		0.5	399	620	0.80	24.5	8.17
22 11 78	1300			.3		2.5	423	690	1.10	24.5	8.37
20 12 78	1415			.3		23.0	219	710	8.80	28.0	8.21
MAXIMUM						85.0	632	995	32.00	31.0	8.44
AVG OR GEOM MN (*)						12.0	371	629	5.12	23.0	8.20
MINIMUM						0.5	219	510	0.80	14.0	7.82
NO OF SAMPLES						12	12	12	12	12	12

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM OF INGERSOLL
STATION TYPE: RIVER

STATION ID: 04-0013-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 42 LAT: LONG: U T M: 17 0502875.0 4762650.0 4 REGION: 01 MILEAGE: 149.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1415			.3		43017	6	600.	60.	70.	4. L	1.0	11.5	1.3	0.090
22 02 78 1255			.3		43039	6	16.	4.	4.	4. L	0.5	13.0	1.2	0.055
22 03 78 1225			.3		43061	3	10000E+1G	600. G	312.	40.	0.5	12.0	5.4	0.255
19 04 78 1245			.3		43083	6	1000.	430.	270.	20.	7.0	11.0	3.2	0.137
17 05 78 1028			.3		43105	9 6	11000.	620.	400.	12.	13.0	10.0	3.1	0.085
21 06 78 1130			.3		43127	9	66000E+1	1500. G	1500. G	72.	20.5	4.0	3.9	0.240
19 07 78 1245			.3		43149	9	1600.	470.	1200.	4. L	23.0	7.5	3.4	0.142
23 08 78 1240			.3		43171	6	20000.	192.	160.	4.	21.5	9.0	2.1	0.146
20 09 78 1300			.3		43193	6	64000.	3500.	520.	80.	17.5	8.5	3.0	0.173
18 10 78 1300			.3		43212	6	12000.	80.	30.	4. L	8.0	9.0	2.2	0.101
22 11 78 1145			.3		43231	6	7500.	50.	500.	4. L	2.0	11.0	2.6	0.076
20 12 78 1225			.3		43250	6	8100.	400.	250.	4. L	0.5	11.5	1.6	0.058
MAXIMUM							66000E+1	3500.	1500.	80.	23.0	13.0	5.4	0.255
AVG OR GEOM MN (*)							6837.* U	235.* U	204.* U	10.* D	9.6	9.8	2.8	0.130
MINIMUM							16.	4.	4.	4.	0.5	4.0	1.2	0.055
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1415			.3		0.057	0.670	1.010	0.061	3.800	4.531	0.340	4.871	516.0	1.5
22 02 78 1255			.3		0.026	0.630	0.835	0.056	4.000	4.686	0.205	4.891	506.0	3.5
22 03 78 1225			.3		0.109	0.535	1.480	0.035	3.650	4.220	0.945	5.165	312.0	49.0
19 04 78 1245			.3		0.067	0.170	0.775	0.040	3.400	3.610	0.605	4.215	302.0	33.5
17 05 78 1028			.3		0.005	0.075	0.845	0.124	2.920	3.119	0.770	3.889	416.0	12.5
21 06 78 1130			.3		0.117	0.185	0.850	0.133	2.210	2.528	0.665	3.193	518.0	30.0
19 07 78 1245			.3		0.021	0.010	0.800	0.083	1.490	1.583	0.790	2.373	340.0	15.0
23 08 78 1240			.3		0.041	0.045	0.820	0.125	2.150	2.320	0.775	3.095	532.0	18.0
20 09 78 1300			.3		0.050	0.065	0.975	0.091	2.450	2.606	0.910	3.516	506.0	45.0
18 10 78 1300			.3		0.037	0.175	0.885	0.131	2.150	2.456	0.710	3.166	564.0	1.0
22 11 78 1145			.3		0.027	0.490	1.200	0.077	3.270	3.837	0.710	4.547	544.0	11.0
20 12 78 1225			.3		0.032	0.380	0.665	0.113	5.300	5.793	0.285	6.078	522.0	5.5
MAXIMUM					0.117	0.670	1.480	0.133	5.300	5.793	0.945	6.078	564.0	49.0
AVG OR GEOM MN (*)					0.049	0.286	0.928	0.089	3.066	3.441	0.643	4.083	464.8	18.8
MINIMUM					0.005	0.010	0.665	0.035	1.490	1.583	0.205	2.373	302.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
18 01 78 1415			.3		514	830	4.70	50.0	0.310	0.020L	0.010L	0.010L	0.020L
22 02 78 1255			.3		503	840	5.20	48.0	0.260	0.020L	0.010L	0.010L	0.020L
22 03 78 1225			.3		263	540	28.00	28.0	2.300	0.040L	0.020L	0.020L	0.040L
19 04 78 1245			.3		369	469	35.00	23.5	1.400	0.02 L	0.02	0.02	0.02 L
17 05 78 1028			.3		404	658	1.50	39.5	0.480	0.02 L	0.01 L	0.01 L	0.02 L
21 06 78 1130			.3		488	710	15.00	58.0	0.400	0.020L	0.010L	0.010L	0.020L
19 07 78 1245			.3		325	775	6.30	63.0	0.310	0.020L	0.010	0.010	0.020L
23 08 78 1240			.3		514	795	5.80	65.0		0.020L	0.010	0.010	0.020L
20 09 78 1300			.3		461	675	14.00	45.5	0.880	0.040L	0.010L	0.010L	
18 10 78 1300			.3		563	795	5.10	55.0	0.440	0.020L	0.020	0.030	0.020L
22 11 78 1145			.3		533	818	5.90	53.0		0.020L	0.020	0.030	0.020L
20 12 78 1225			.3		516	865	3.30	86.0	0.280	0.020L	0.010L	0.010L	0.020L
MAXIMUM					563	865	35.00	86.0	2.300	0.040	0.020	0.030	0.040
AVG OR GEOM MN (*)					454	731	10.82	51.2	0.706	0.023D	0.013D	0.015D	0.022D
MINIMUM					263	469	1.50	23.5	0.260	0.020	0.010	0.010	0.020
NO OF SAMPLES					12	12	12	12	10	12	12	12	11

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT CONCESSION ROAD 2 SOUTH OF MITCHELL
STATION TYPE: RIVER FLOW GAUGE FED 02GD014

STATION ID: 04-0013-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 44 LAT: LONG: U T M: 17 0483200.0 4810300.0 4 REGION: 01 MILEAGE: 173.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
16 01 78 1200			.3		43005	4	67.10	650.	100.	184.	4. L	0.5	9.5	1.5
20 02 78 1150			.3		43027	4	23.00	1500.	140.	124.	4. L	1.0	9.0	1.0
20 03 78 1100			.3		43049	6	99.90	4300.	180.	600. G	4. L	1.0	10.0	1.9
17 04 78 1030			.3		43071	6	197.00	750.	10.	170.	4. L	4.0	12.0	0.8
15 05 78 1045			.3		43093	6	175.00	5100.	212.	188.	4. L	11.0	9.0	2.3
19 06 78 1050			.3		43115	6	30.80	3000.	130.	228.	4. L	20.0	9.0	1.7
17 07 78 1110			.3		43137	6	1.00	500.	168.	160.	4.	20.0	9.5	2.2
21 08 78 1125			.3		43159	6	21.70	1500.	830.	492.	12.	19.5	7.5	4.3
18 09 78 1210			.3		43181	6	1400.00	17200E+1	11700.	1500. G	100.	14.0	8.0	2.6
16 10 78 1105			.3		43203	6	45.70	1100.	160.	30.	4. L	7.0	11.5	0.6
20 11 78 1055			.3		43222	6	106.00	5200.	148.	560.	4. L	2.0	12.0	2.0
18 12 78 1205			.3		43241	4	47.70	520.	20.	180.	4. L	0.0	12.0	0.4
MAXIMUM							1400.00	17200E+1	11700.	1500.	100.	20.0	12.0	4.3
AVG OR GEOM MN (*)							184.58	2267.*	169.*	239.* U	6.* D	8.3	9.9	1.8
MINIMUM							1.00	500.	10.	30.	4.	0.0	7.5	0.4
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

```
                                                                              DATE OF REPORT  25 OCT 79  PAGE   154
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS
                                                                                  STATION ID:   04-0013-044-02
 B.O.W./ SITE: NORTH THAMES RIVER
 SAMPLE POINT: AT CONCESSION ROAD 2 SOUTH OF MITCHELL                                          STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02GD014          MAJOR BASIN: GREAT LAKES                             003
                                                        MINOR BASIN: LAKE ERIE                               2870
                                                        TERM STREAM: THAMES RIVER

                                                                                                MILEAGE:  173.60
STN NO:     44     LAT:                LONG:            U T M: 17 0483200.0 4810300.0 4    REGION: 01

                                        33        34        19        20        21        22        17        18        23         5
                                     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
SAMP DTE HOUR   STN  STN SAMP  PJ        P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS
DY MO YR LMT   DIST BRG DEPTH         MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L
               FEET       MTRS

16 01 78 1200               .3       0.100     0.047     0.225     0.665     0.042     6.810     7.077     0.440     7.517     512.0
20 02 78 1150               .3       0.076     0.049     0.305     0.670     0.033     3.110     3.448     0.365     3.813     612.0
20 03 78 1100               .3       0.160     0.111     0.735     1.200     0.045     7.190     7.970     0.465     8.435     372.0
17 04 78 1030               .3       0.108     0.087     0.195     0.700     0.025     4.820     5.040     0.505     5.545     312.0
15 05 78 1045               .3       0.088     0.031     0.005     0.615     0.035     5.460     5.500     0.610     6.110     378.0
19 06 78 1050               .3       0.054     0.005     0.045     0.715     0.079     3.360     3.484     0.670     4.154     382.0
17 07 78 1110               .3       0.073     0.005     0.005     0.895     0.003     0.010L    0.018     0.890     0.908     540.0
21 08 78 1125               .3       0.133     0.007     0.010     1.130     0.038     1.030     1.078     1.120     2.198     310.0
18 09 78 1210               .3       0.345     0.139     0.110     1.280     0.053     8.080     8.243     1.170     9.413     390.0
16 10 78 1105               .3       0.021     0.006     0.010     0.495     0.020     6.930     6.960     0.485     7.445     424.0
20 11 78 1055               .3       0.042     0.020     0.015     0.470     0.019     5.830     5.864     0.455     6.319     462.0
18 12 78 1205               .3       0.030     0.018     0.050     0.320     0.026     6.100     6.176     0.270     6.446     414.0

                      MAXIMUM        0.345     0.139     0.735     1.280     0.079     8.080     8.243     1.170     9.413     612.0
         AVG OR GEOM MN (*)          0.103     0.044     0.143     0.763     0.035     4.894D    5.072     0.620     5.692     425.7
                      MINIMUM        0.021     0.005     0.005     0.320     0.003     0.010     0.018     0.270     0.908     310.0

              NO OF SAMPLES             12        12        12        12        12        12        12        12        12        12
                                         6         7        14        16        56        55
                                     SUSP.     DISS.     COND.     TURB.  CHLORIDE        PH
SAMP DTE HOUR   STN  STN SAMP  PJ   SOLIDS    SOLIDS      25C. FORMAZIN       MG/L   AT LAB.
DY MO YR LMT   DIST BRG DEPTH         MG/L      MG/L     UMHOS     UNITS
               FEET       MTRS

16 01 78 1200               .3        13.0       499       690      7.50      18.5      8.53
20 02 78 1150               .3         3.5       609       890      2.70      23.0      7.95
20 03 78 1100               .3        10.0       362       698      6.20      22.0      7.87
17 04 78 1030               .3         7.0       305       520      4.00      11.0      8.24
15 05 78 1045               .3         6.0       372       600      3.60      17.5      8.31
19 06 78 1050               .3         5.0       377       510      2.40      16.5      8.21
17 07 78 1110               .3         6.0       534       510      2.40      21.5      8.06
21 08 78 1125               .3        20.0       290       441     10.00      21.0      8.05
18 09 78 1210               .3        79.0       311       488     72.00      13.0      7.75
16 10 78 1105               .3         7.0       417       680      3.30      17.5      7.99
20 11 78 1055               .3         3.5       458       670      5.90      17.5      7.65
18 12 78 1205               .3         7.0       407       605      2.70      21.0      8.13

                      MAXIMUM         79.0       609       890     72.00      23.0      8.53
         AVG OR GEOM MN (*)           13.9       412       609     10.23      18.3      8.06
                      MINIMUM          3.5       290       441      2.40      11.0      7.65

              NO OF SAMPLES             12        12        12        12        12        12




                                                                                  STATION ID:   04-0013-045-02
 B.O.W./ SITE: NORTH THAMES RIVER
 SAMPLE POINT: 1.4 MILES DOWNSTREAM OF ST MARYS                                                STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02GD005          MAJOR BASIN: GREAT LAKES                             003
                                                        MINOR BASIN: LAKE ERIE                               2870
                                                        TERM STREAM: THAMES RIVER

                                                                                                MILEAGE:  156.00
STN NO:     45     LAT:                LONG:            U T M: 17 0486200.0 4787100.0 4    REGION: 01

                                       934       901       444        80        81        84        88       805         3         1
                                    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
SAMP DTE HOUR   STN  STN SAMP  PJ       NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
DY MO YR LMT   DIST BRG DEPTH                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L
               FEET       MTRS

16 01 78 1025               .3       43003     6      205.00      750.      24.       270.        4.  L     1.0      11.5       0.8
20 02 78 1030               .3       43025     6      115.00      200.       4.  L    12.         4.  L     0.5      11.0       1.1
20 03 78 1005               .3       43047     6      350.00      860.      56.         4.  L     4.  L     1.0      12.0       2.2
17 04 78 0940               .3       43069     6      840.00      160.      20.        10.  L     4.  L     4.0      10.5       1.4
15 05 78 0950               .3       43091     6      611.00     1900.     240.       264.        4.  L    10.5      10.5       1.9
19 06 78 0945               .3       43113     9      108.00     3200.     230.       188.        4.  L    19.5       9.5       1.8
17 07 78 1000               .3       43135     8      111.00      700.      52.       112.        4.  L    19.0       9.5       2.2
21 08 78 1035               .3       43157     5       88.50      720.     120.       180.        4.  L    20.0      10.0       1.7
18 09 78 1100               .3       43179     6     1350.00    32000.    3200.      1500.  G    92.        14.0       5.5       2.6
16 10 78 1010               .3       43201     6      240.00     1800.     120.        20.        4.  L     7.0      11.5       0.9
20 11 78 0955               .3       43220     6      320.00    11300.     600.  G    600.  G     4.  L     3.0      10.0       1.6
18 12 78 1015               .3       43239     6      194.00     2700.     330.       280.        4.  L     1.0      10.5       0.8

                      MAXIMUM                        1350.00    32000.    3200.      1500.       92.        20.0      12.0       2.6
         AVG OR GEOM MN (*)                           377.71    1481.*     109.* E     97.* E     5.* D     8.4      10.2       1.6
                      MINIMUM                          88.50     160.        4.         4.        4.         0.5       5.5       0.8

              NO OF SAMPLES                               12        12        12        12        12        12        12        12
                                        33        34        19        20        21        22        17        18        23         5
                                     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
SAMP DTE HOUR   STN  STN SAMP  PJ        P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS
DY MO YR LMT   DIST BRG DEPTH         MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L
               FEET       MTRS

16 01 78 1025               .3       0.074     0.051     0.325     0.830     0.037     4.960     5.322     0.505     5.827     392.0
20 02 78 1030               .3       0.090     0.053     0.625     1.250     0.038     2.320     2.983     0.625     3.608     486.0
20 03 78 1005               .3       0.123     0.077     0.535     0.965     0.029     5.510     6.074     0.430     6.504     356.0
17 04 78 0940               .3       0.085     0.057     0.195     0.670     0.026     3.520     3.741     0.475     4.216     334.0
15 05 78 0950               .3       0.069     0.022     0.045     0.755     0.045     4.300     4.390     0.710     5.100     356.0
19 06 78 0945               .3       0.066     0.014     0.060     0.660     0.079     1.590     1.729     0.600     2.329     412.0
17 07 78 1000               .3       0.077     0.011     0.110     0.825     0.047     0.680     0.837     0.715     1.552     366.0
21 08 78 1035               .3       0.072     0.004     0.025     0.810     0.050     0.530     0.605     0.785     1.390     366.0
18 09 78 1100               .3       0.260     0.087     0.140     1.480     0.083     6.260     6.483     1.340     7.823     396.0
16 10 78 1010               .3       0.028     0.005     0.025     0.630     0.023     3.680     3.728     0.605     4.333     338.0
20 11 78 0955               .3       0.053     0.011     0.020     0.640     0.037     5.010     5.067     0.620     5.687     486.0
18 12 78 1015               .3       0.038     0.017     0.185     0.585     0.064     4.900     5.149     0.400     5.549     412.0

                      MAXIMUM        0.260     0.087     0.625     1.480     0.083     6.260     6.483     1.340     7.823     486.0
         AVG OR GEOM MN (*)          0.086     0.034     0.191     0.842     0.047     3.605     3.842     0.651     4.493     391.7
                      MINIMUM        0.028     0.004     0.020     0.585     0.023     0.530     0.605     0.400     1.390     334.0

              NO OF SAMPLES             12        12        12        12        12        12        12        12        12        12




                                                                                                              ( C O N T D )
```

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1025			.3		0.5	392	660	2.70	21.0
20 02 78 1030			.3		0.5L	486	770	2.50	27.0
20 03 78 1005			.3		15.5	341	660	10.00	23.5
17 04 78 0940			.3		24.0	310	495	21.00	12.5
15 05 78 0950			.3		3.0	353	580	3.30	19.0
19 06 78 0945			.3		11.0	401	535	3.50	24.0
17 07 78 1000			.3		16.0	350	473	8.00	21.0
21 08 78 1035			.3		35.0	331	488	9.20	25.5
18 09 78 1100			.3		73.0	323	518	38.00	19.0
16 10 78 1010			.3		1.0	337	555	3.90	19.0
20 11 78 0955			.3		42.5	443	640	25.00	21.0
18 12 78 1015			.3		3.5	408	610	2.80	30.0
MAXIMUM					73.0	486	770	38.00	30.0
AVG OR GEOM MN (*)					18.8D	373	582	10.83	21.9
MINIMUM					0.5	310	473	2.50	12.5
NO OF SAMPLES					12	12	12	12	12

B.O.W./ SITE: TILBURY CREEK
SAMPLE POINT: AT HIGHWAY 2 WEST OF TILBURY
STATION TYPE: RIVER

STATION ID: 04-0013-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 46 LAT: LONG: U T M: 17 0380450.0 4679850.0 4 REGION: 01 MILEAGE: 5.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1235			.3		40009	4					3.0	5.7	1.8	2.240
21 02 78 1420			.3		40022	4 9	22000E+1	600. G	660.	36.	1.2	7.7	7.0	0.490
13 03 78 1200			.3		40045		44000.	1500. G	1100.	60.	2.2	10.6	6.4	0.380
10 04 78 1140			.3		40070	6	1600.	100. L	40.	4. L	5.8	13.9	0.4	0.119
24 05 78 1110			.3		40095	6	45000. G	360.	52.	4. L	17.8	7.6	2.0	0.120
12 06 78 1140			.3		40119	6	38000E+1G	1260.	170.	232.	21.9	6.7	2.2	0.315
25 07 78 1325			.3		40401	6 9	96000.	490.	110.	56.	26.0	13.5	9.6	0.340
29 08 78 0945			.3		40901	6 9	21900E+1	1500. G	700.	600. G	23.0	6.0	3.6	0.515
25 09 78 1130			.3		40913	6	14400.	1500. G	272.	360.	17.5	7.5	6.8	0.900
24 10 78 1115			.3		40924	6 9	47000E+1	13200.	950.	52.	12.0	9.0	5.6	0.440
28 11 78 1445			.3		40935	6	30000E+1	1100.	1500. G	132.	1.0	11.0	4.8	0.360
MAXIMUM							47000E+1	13200.	1500.	600.	26.0	13.9	9.6	2.240
AVG OR GEOM MN (*)							80410.* U	958.* E	308.* U	61.* E	11.9	9.0	4.6	0.565
MINIMUM							1600.	100.	40.	4.	1.0	5.7	0.4	0.119
NO OF SAMPLES							10	10	10	10	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1235			.3		1.300	1.230	1.920	0.107	2.200	3.537	0.690	4.227	552.0	11.5
21 02 78 1420			.3		0.250	1.330	1.980	0.044	1.300	2.674	0.650	3.324	440.0	18.0
13 03 78 1200			.3		0.273	0.695	1.620	0.061	2.080	2.836	0.925	3.761	504.0	28.0
10 04 78 1140			.3		0.091	0.185	0.845	0.037	4.410	4.632	0.660	5.292	522.0	18.0
24 05 78 1110			.3		0.043	0.225	1.220	0.075	3.410	3.710	0.995	4.705	600.0	34.5
12 06 78 1140			.3		0.195	0.680	1.450	0.084	0.860	1.624	0.770	2.394	600.0	45.0
25 07 78 1325			.3		0.043	0.015	2.050	0.053	0.080	0.148	2.035	2.183	520.0	48.0
29 08 78 0945			.3		0.272	0.745	2.150	0.032	0.040	0.817	1.405	2.222	464.0	74.0
25 09 78 1130			.3		0.510	0.610	2.500	0.056	0.290	0.956	1.890	2.846	460.0	88.0
24 10 78 1115			.3		0.240	0.990	2.050	0.063	0.240	1.293	1.060	2.353	386.0	53.0
28 11 78 1445			.3		0.237	0.475	1.330	0.061	2.990	3.526	0.855	4.381	666.0	23.5
MAXIMUM					1.300	1.330	2.500	0.107	4.410	4.632	2.035	5.292	666.0	88.0
AVG OR GEOM MN (*)					0.314	0.653	1.738	0.061	1.627	2.341	1.085	3.426	519.5	40.1
MINIMUM					0.043	0.015	0.845	0.032	0.040	0.148	0.650	2.183	386.0	11.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
24 01 78 1235			.3		541	835	11.00	49.0	7.55	1.0L
21 02 78 1420			.3		422	760	15.00	49.0	7.53	
13 03 78 1200			.3		476	815	28.00	120.0	7.35	
10 04 78 1140			.3		504	660	85.00	21.5	8.02	
24 05 78 1110			.3		566	755	41.00	27.5	8.01	
12 06 78 1140			.3		555	720	49.00	32.0	7.74	
25 07 78 1325			.3		472	640	32.00	34.5	8.08	
29 08 78 0945			.3		390	610	72.00	35.5	7.44	
25 09 78 1130			.3		372	555	79.00	41.5	7.76	
24 10 78 1115			.3		333	502	43.00	36.5	7.60	
28 11 78 1445			.3		642	895	18.00	120.0	7.82	
MAXIMUM					642	895	85.00	120.0	8.08	1.0
AVG OR GEOM MN (*)					479	704	43.00	51.5	7.72	1.0D
MINIMUM					333	502	11.00	21.5	7.35	1.0
NO OF SAMPLES					11	11	11	11	11	1

STATION ID: 04-0013-047-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT COUNTY ROAD 16 KOMOKA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 47 LAT: LONG: U T M: 17 0465550.0 4753450.0 4 REGION: 01 MILEAGE: 114.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1000			.3		43012	6	24000.	2000.	1100.	16.	1.0	13.0	0.9	0.058
22 02 78 0945			.3		43034	4	1500.	660.	480.	4. L	1.0	12.0	2.4	0.090
22 03 78 0950			.3		43056	6	12600E+1G	1200.	2400.	32.	0.0	10.5	6.6	0.305
19 04 78 1010			.3		43078	6					6.0	11.5	2.3	0.108
17 05 78 0955			.3		43100	6	2900.	30.	30.	4. L	13.0	10.0	3.2	0.068
21 06 78 0910			.3		43122	6	1200.	50.	60.	4. L	20.0	6.5	3.4	0.139
19 07 78 0950			.3		43144	8	900.	124.	100.	4. L	22.5	7.5	2.5	0.127
23 08 78 0950			.3		43166	6	6200.	96.	104.	4.	21.5	6.0	2.4	0.195
20 09 78 1010			.3		43188	6	40000.	1500.	560.	28.	16.0	8.5	2.6	0.230
18 10 78 1000			.3		43208	6	1400.	10. L	10.	4. L	3.0	8.0	1.7	0.098
22 11 78 0940			.3		43227	6	15900E+1	320.	1430.	16.	3.0	11.0	3.8	0.180
20 12 78 0950			.3		43246	6	35000.	480.	550.	20.	1.0	12.0	3.4	0.156
MAXIMUM							15900E+1	2000.	2400.	32.	22.5	13.0	6.6	0.305
AVG OR GEOM MN (*)							8890.* U	222.* D	232.*	9.* D	9.0	9.7	2.9	0.146
MINIMUM							900.	10.	10.	4.	0.0	6.0	0.9	0.058
NO OF SAMPLES							11	11	11	11	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1000			.3		0.021	0.705	1.040	0.053	4.400	5.158	0.335	5.493	432.0	1.0
22 02 78 0945			.3		0.055	1.070	1.350	0.045	4.300	5.415	0.280	5.695	442.0	1.0
22 03 78 0950			.3		0.093	0.475	1.580	0.037	3.900	4.412	1.105	5.517	426.0	108.0
19 04 78 1010			.3		0.052	0.370	0.800	0.044	3.700	4.114	0.430	4.544	292.0	10.5
17 05 78 0955			.3		0.015	0.095	0.735	0.067	3.200	3.362	0.640	4.002	374.0	9.0
21 06 78 0910			.3		0.054	0.160	0.895	0.195	0.010L	0.365	0.735	1.100	416.0	18.5
19 07 78 0950			.3		0.033	0.015	0.750	0.031	1.660	1.706	0.735	2.441	402.0	12.0
23 08 78 0950			.3		0.077	0.020	0.905	0.033	1.550	1.603	0.885	2.488	336.0	30.5
20 09 78 1010			.3		0.061	0.175	1.100	0.077	2.570	2.822	0.925	3.747	294.0	54.5
18 10 78 1000			.3		0.061	0.255	0.880	0.139	4.300	4.694	0.625	5.319	446.0	1.0
22 11 78 0940			.3		0.063	0.505	1.100	0.080	3.370	3.955	0.595	4.550	416.0	15.0
20 12 78 0950			.3		0.063	0.780	1.570	0.068	5.300	6.148	0.790	6.938	408.0	5.0
MAXIMUM					0.093	1.070	1.580	0.195	5.300	6.148	1.105	6.938	446.0	108.0
AVG OR GEOM MN (*)					0.054	0.385	1.059	0.072	3.1880	3.646	0.673	4.320	390.3	22.2
MINIMUM					0.015	0.015	0.735	0.031	0.010	0.365	0.280	1.100	292.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 78 1000			.3		431	700	1.90	30.5	8.15
22 02 78 0945			.3		441	735	1.80	34.5	8.06
22 03 78 0950			.3		318	545	48.00	23.0	7.86
19 04 78 1010			.3		282	476	16.00	18.0	8.16
17 05 78 0955			.3		365	565	2.00	25.0	8.37
21 06 78 0910			.3		397	595	4.80	35.5	7.98
19 07 78 0950			.3		390	595	6.00	42.0	8.10
23 08 78 0950			.3		305	555	11.00	41.5	7.92
20 09 78 1010			.3		240	505	24.00	24.5	7.95
18 10 78 1000			.3		445	642	1.60	33.0	7.89
22 11 78 0940			.3		401	660	5.00	33.0	8.22
20 12 78 0950			.3		403	695	3.10	39.5	8.21
MAXIMUM					445	735	48.00	42.0	8.37
AVG OR GEOM MN (*)					368	606	10.43	31.7	8.07
MINIMUM					240	476	1.60	18.0	7.86
NO OF SAMPLES					12	12	12	12	12

STATION ID: 04-0013-048-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: DOWNSTREAM FROM CHATHAM SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 48 LAT: LONG: U T M: 17 0398825.0 4693450.0 4 REGION: 01 MILEAGE: 14.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
25 01 78 1045			.3		40016	4					0.8 *	10.4		
22 02 78 1220			.3		40030	4	14000.	800.	500.	4. L	0.0	11.3	0.5	0.077
11 04 78 1100			.3		40081	6 3	11000.	1520. G	540.	8.	5.2	13.2	2.0	0.276
18 04 78 1300			.3		40089	6	90.	100.	560.	4. L	7.2	13.3	2.6	0.325
25 04 78 1120			.3		40093	6	2000.	60.	144.	4. L	10.3	16.1	2.4	0.420
25 05 78 0820			.3		40107	6	100. L	120.	64.	4. L	17.2	11.5	6.6	0.375
13 06 78 0900			.3		40131	6	21000. G	900.	430.	64.	17.0	9.2	3.5	0.205
25 07 78 1430			.3		40403	6	4800.	10.	10.	168.	26.0	8.5	3.7	0.220
29 08 78 1100			.3		40903	6	21900.	292.	112.	28.	24.0	6.0	2.6	0.168
25 09 78 0930			.3		40910	5	64000.	920.	288.	4.	17.0	8.5	2.4	0.184
24 10 78 0930			.3		40921	9 5	14000.	350.	240.	4.	11.0	8.5	3.8	0.162
28 11 78 1330			.3		40932	6	39000.	600. G	368.	32.	3.0	9.5	2.4	0.288
MAXIMUM							64000.	1520.	560.	168.	26.0	16.1	6.6	0.420
AVG OR GEOM MN (*)							5718.* E	265.* U	197.*	11.* D	11.6	10.5	3.0	0.245
MINIMUM							90.	10.	10.	4.	0.0	6.0	0.5	0.077
NO OF SAMPLES							11	11	11	11	12	12	11	11

(C O N T D)

```
                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

25 01 78 1045                 .3                                                                                      444.       4.0
22 02 78 1220                 .3     0.057     0.465     0.855     0.055     4.000     4.520     0.390     4.910     456.0       5.0
11 04 78 1100                 .3     0.074     0.195     1.030     0.039     2.700     2.934     0.835     3.769     356.0      86.0
18 04 78 1300                 .3     0.039     0.355     1.300     0.047     3.800     4.202     0.945     5.147     508.0      56.0
25 04 78 1120                 .3     0.264     0.335     0.665     0.087     3.700     4.122     0.330     4.452     418.0      85.0
25 05 78 0820                 .3     0.190     0.035     1.120     0.085     2.320     2.440     1.085     3.525     498.0      58.0
13 06 78 0900                 .3     0.035     0.120     0.875     0.047     2.160     2.327     0.755     3.082     532.0      73.5
25 07 78 1430                 .3     0.061     0.355     1.250     0.030     0.450     0.835     0.895     1.730     384.0      54.0
29 08 78 1100                 .3     0.063     0.705     1.500     0.021     0.310     1.036     0.795     1.831     406.0      68.5
25 09 78 0930                 .3     0.055     0.075     0.990     0.128     3.360     3.563     0.915     4.478     406.0      54.5
24 10 78 0930                 .3     0.051     0.025     0.790     0.056     3.950     4.031     0.765     4.796     462.0      35.5
28 11 78 1330                 .3     0.073     0.395     1.390     0.055     2.940     3.390     0.995     4.385     496.0      72.0

                         MAXIMUM     0.264     0.705     1.500     0.128     4.000     4.520     1.085     5.147     532.0      86.0
              AVG OR GEOM MN (*)     0.087     0.278     1.070     0.059     2.699     3.036     0.791     3.828     447.2      54.3
                         MINIMUM     0.035     0.025     0.665     0.021     0.310     0.835     0.330     1.730     356.0       4.0

                   NO OF SAMPLES        11        11        11        11        11        11        11        11        12        12

                                         7       107        14        16        56        59       280        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH       SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON
               FEET       MTRS        MG/L  MG/L         UMHOS     UNITS                MG/L  SI MG/L                 MG/L      UG/L

25 01 78 1045                 .3       440                 720      3.90                                    8.08                1.0L
22 02 78 1220                 .3       451                 740      1.50      33.5      64.0      2.65      7.86     0.310      1.0L
11 04 78 1100                 .3                 241       370     80.00      13.0      27.5      2.10      7.88     4.500       1.0
18 04 78 1300                 .3       452                 520     54.00      18.5      35.0      2.20      8.11     2.920      1.0L
25 04 78 1120                 .3       333                 580     40.00      26.5      46.0      1.95      8.12    0.010L      1.0L
25 05 78 0820                 .3       440                 585     22.00      29.0      45.0     0.05L      8.28     0.840      1.0L
13 06 78 0900                 .3       458                 585     60.00      33.0      54.0      0.80      8.14     2.400      1.0L
25 07 78 1430                 .3       330                 530     38.00      43.0      15.5      0.45      7.90     1.860      1.0L
29 08 78 1100                 .3       337                 585     30.00      43.0      62.0      0.45      7.69     1.680      1.0L
25 09 78 0930                 .3       351                 518     44.00      25.5      57.0      2.60      8.01     2.480      1.0L
24 10 78 0930                 .3       426                 642     21.00      33.0      66.0      1.30      8.21     1.280      1.0L
28 11 78 1330                 .3       424                 640     13.00      39.5      65.5      2.04      8.11     2.600      1.0L

                         MAXIMUM       458       241       740     80.00      43.0      66.0      2.65      8.28     4.500       1.0
              AVG OR GEOM MN (*)       404       241       585     33.95      30.7      48.9     1.51D      8.03    1.898D      1.0D
                         MINIMUM       330       241       370      1.50      13.0      15.5      0.05      7.69     0.010       1.0

                   NO OF SAMPLES        11         1        12        12        11        11        11        12        11        12

                                        47        41       361       265       235       221       225       229       215       249
SAMP DTE HOUR  STN  STN SAMP  PJ   ORGANIC       COD   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH       C AS C            EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
               FEET       MTRS        MG/L      MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L

25 01 78 1045                 .3        6.         8         1     0.002      0.04    0.02 L    0.01 L    0.03 L    0.005L      0.03
22 02 78 1220                 .3      10.0        17
11 04 78 1100                 .3       4.2        20         0     0.002    0.030L     0.050     0.020    0.030L    0.005L     0.050
18 04 78 1300                 .3       4.3        20         2     0.001     0.030    0.020L     0.050    0.030L    0.005L     0.020
25 04 78 1120                 .3       4.0        24         0     0.002     1.100     0.050    0.010L    0.030L    0.005L     0.020
25 05 78 0820                 .3       4.5        39
13 06 78 0900                 .3       4.4        29



25 07 78 1430                 .3       4.5        26
29 08 78 1100                 .3       4.2        14
25 09 78 0930                 .3       5.8        20
24 10 78 0930                 .3        6.        70         1     0.001              0.020L    0.010L    0.030L    0.005L     0.020
28 11 78 1330                 .3       5.0        37

                         MAXIMUM      10.0        70         2     0.002     1.100     0.050     0.050      0.03     0.005     0.050
              AVG OR GEOM MN (*)       5.2        27         1     0.002    0.300D    0.032D    0.020D    0.030D    0.005D     0.028
                         MINIMUM       4.0         8         0     0.001     0.030      0.02      0.01      0.03     0.005     0.020

                   NO OF SAMPLES        12        12         5         5         4         5         5         5         5         5

                                       238
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL
DY MO YR LMT   DIST BRG DEPTH       NICKEL
               FEET       MTRS        MG/L

25 01 78 1045                 .3    0.02 L
11 04 78 1100                 .3    0.020L
18 04 78 1300                 .3    0.020L
25 04 78 1120                 .3    0.020L
24 10 78 0930                 .3    0.020L

                         MAXIMUM      0.02
              AVG OR GEOM MN (*)    0.020D
                         MINIMUM      0.02

                   NO OF SAMPLES         5


B.O.W./ SITE: MC GREGOR CREEK                                                                    STATION ID:  04-0013-049-02
SAMPLE POINT: AT HARWICH-HOWARD TOWNLINE
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                         003
                                                      TERM STREAM: THAMES RIVER                                      2870

STN NO:     49     LAT:                LONG:          U T M: 17 0418950.0 4699500.0 4   REGION: 01           MILEAGE:    31.50

                                       934       901        80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

24 01 78 1145                 .3     40008    4                                                    1.0      10.0       1.1     0.080
21 02 78 1250                 .3     40020    4          1300.      136.     2300.     4.  L       0.6      11.6       1.0     0.092
10 04 78 1040                 .3     40068    6          5900.      290.     6200.     4.  L       3.8      14.0       0.6     0.125
24 05 78 1026                 .3     40094    6          9200.      272.      130.     4.  L      17.2       5.9       7.4     0.300
12 06 78 1030                 .3     40118    6         10000.      910.      400.     4.  L      21.4       8.2       3.0     0.240
25 07 78 1130                 .3     40400    6          4100.      570.      270.     12.        23.0       6.0       2.4     0.189
29 08 78 1300                 .3     40905    6          9500.     1230.     1210.     24.        22.0       7.5       3.0     0.160
25 09 78 1230                 .3     40914    6          2300.      240.      240.     4.  L      14.5       9.0       3.2     0.130
24 10 78 1300                 .3     40925    6          7200.      810.      116.     4.  L      10.0      10.5       2.0     0.070
28 11 78 1600                 .3     40936    6           470.       16.       96.     4.  L       2.0      14.5       1.8     0.066

                         MAXIMUM                        10000.     1230.     6200.     24.        23.0      14.5       7.4     0.300
              AVG OR GEOM MN (*)                        3911.*     303.*     442.*     6.* D      11.6       9.7       2.6     0.145
                         MINIMUM                          470.       16.       96.     4.          0.6       5.9       0.6     0.066

                   NO OF SAMPLES                             9         9         9         9        10        10        10        10

                                                                                                                     ( C O N T D )
```

STATION ID: 04-0013-049-02

B.O.W./ SITE: MC GREGOR CREEK
SAMPLE POINT: AT HARWICH-HOWARD TOWNLINE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 49 LAT: LONG: U T M: 17 0418950.0 4699500.0 4 REGION: 01 MILEAGE: 31.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1145			.3		0.033	0.560	0.600	0.029	4.500	5.089	0.040	5.129	564.0	9.5
21 02 78	1250			.3		0.057	0.240	0.630	0.019	3.900	4.159	0.390	4.549	572.0	12.0
10 04 78	1040			.3		0.041	0.170	0.720	0.025	4.210	4.405	0.550	4.955	516.0	43.0
24 05 78	1026			.3		0.127	1.170	2.350	0.365	2.980	4.515	1.180	5.695	558.0	67.5
12 06 78	1030			.3		0.055	0.090	0.675	0.093	2.270	2.453	0.585	3.038	582.0	72.0
25 07 78	1130			.3		0.061	0.115	0.880	0.052	0.500	0.667	0.765	1.432	526.0	56.0
29 08 78	1300			.3		0.062	0.215	0.890	0.059	0.490	0.764	0.675	1.439	528.0	49.5
25 09 78	1230			.3		0.061	0.075	0.655	0.039	0.990	1.104	0.580	1.684	614.0	33.0
24 10 78	1300			.3		0.032	0.015	0.450	0.009	0.840	0.864	0.435	1.299	632.0	15.0
28 11 78	1600			.3		0.043	0.285	0.650	0.024	2.630	2.939	0.365	3.304	666.0	10.5
MAXIMUM						0.127	1.170	2.350	0.365	4.500	5.089	1.180	5.695	666.0	72.0
AVG OR GEOM MN (*)						0.057	0.294	0.850	0.071	2.331	2.696	0.557	3.252	575.8	36.8
MINIMUM						0.032	0.015	0.450	0.009	0.490	0.667	0.040	1.299	516.0	9.5
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78	1145			.3		555	830	8.10	36.0	8.15
21 02 78	1250			.3		560	850	10.00	36.0	7.86
10 04 78	1040			.3		473	700	85.00	31.0	7.98
24 05 78	1026			.3		491	715	35.00	38.5	7.85
12 06 78	1030			.3		510	705	60.00	33.5	7.87
25 07 78	1130			.3		470	700	41.00	40.0	7.87
29 08 78	1300			.3		478	790	33.00	41.5	7.84
25 09 78	1230			.3		581	830	23.00	44.0	8.04
24 10 78	1300			.3		617	842	13.00	52.0	7.94
28 11 78	1600			.3		655	920	4.90	69.0	8.18
MAXIMUM						655	920	85.00	69.0	8.18
AVG OR GEOM MN (*)						539	788	31.30	42.2	7.96
MINIMUM						470	700	4.90	31.0	7.84
NO OF SAMPLES						10	10	10	10	10

STATION ID: 04-0013-050-02

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 28
STATION TYPE: RIVER FLOW GAUGE FED 02GE015

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 50 LAT: LONG: U T M: 17 0486250.0 4771300.0 4 REGION: 01 MILEAGE: 142.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
16 01 78	0933			.3		43001	6	260.00	240.	16.	28.	4. L	1.0	11.0	2.6
20 02 78	0945			.3		43023	6	148.00	60.	12.	8.	4. L	1.0	10.5	1.1
20 03 78	0930			.3		43045	6	448.00	1130.	68.	600. G	4. L	1.0	10.5	1.7
17 04 78	0905			.3		43067	3	1120.00	230.	16.	36.	4. L	4.0	11.0	2.0
15 05 78	0905			.3		43089	6	883.00	940.	100.	172.	4. L	11.0	9.5	1.7
19 06 78	0905			.3		43111	6	113.00	200.	100.	32.	4.	20.0	7.5	2.1
17 07 78	0915			.3		43133	8 9	92.60	120.	56.	108.	4. L	19.0	8.5	2.1
21 08 78	0940			.3		43155	7 5 9	95.70	470.	56.	40.	4. L	19.0	6.5	1.3
18 09 78	1025			.3		43177	6	1370.00	44000.	1500. G	17000. G	60.	14.0	7.0	4.0
16 10 78	0925			.3		43199	6	263.00	900.	30.	10.	4. L	6.0	6.0	0.6
20 11 78	0910			.3		43218	6	388.00	5200.	600. G	600. G	4. L	2.5	10.5	1.6
18 12 78	0930			.3		43237	6	268.00	630.	70.	100.	4. L	1.0	13.0	1.4
MAXIMUM								1370.00	44000.	1500.	17000.	60.	20.0	13.0	4.0
AVG OR GEOM MN (*)								454.11	645.*	69.* U	101.* U	5.* D	8.3	9.3	1.9
MINIMUM								92.60	60.	12.	8.	4.	1.0	6.0	0.6
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
16 01 78	0933			.3		0.056	0.043	0.180	0.525	0.035	4.810	5.025	0.345	5.370	402.0
20 02 78	0945			.3		0.104	0.082	0.475	0.810	0.033	3.960	4.468	0.335	4.803	434.0
20 03 78	0930			.3		0.101	0.071	0.415	0.880	0.031	5.310	5.756	0.465	6.221	370.0
17 04 78	0905			.3		0.082	0.053	0.120	0.550	0.033	3.320	3.473	0.430	3.903	288.0
15 05 78	0905			.3		0.047	0.005	0.005L	0.795	0.035	4.510	4.550	0.790	5.340	366.0
19 06 78	0905			.3		0.054	0.002	0.040	0.740	0.031	1.600	1.671	0.700	2.371	372.0
17 07 78	0915			.3		0.042	0.002	0.005	0.640	0.003	0.070	0.078	0.635	0.713	310.0
21 08 78	0940			.3		0.051	0.002	0.005L	0.690	0.008	0.260	0.273	0.685	0.958	314.0
18 09 78	1025			.3		0.440	0.071	0.165	2.080	0.077	4.260	4.502	1.915	6.417	460.0
16 10 78	0925			.3		0.018	0.002	0.005	0.580	0.009	5.690	5.704	0.575	6.279	318.0
20 11 78	0910			.3		0.038	0.007	0.030	0.620	0.031	4.570	4.631	0.590	5.221	424.0
18 12 78	0930			.3		0.029	0.016	0.095	0.460	0.046	5.300	5.441	0.365	5.806	390.0
MAXIMUM						0.440	0.082	0.475	2.080	0.077	5.690	5.756	1.915	6.417	460.0
AVG OR GEOM MN (*)						0.089	0.030	0.128D	0.781	0.031	3.638	3.798	0.653	4.450	370.7
MINIMUM						0.018	0.002	0.005	0.460	0.003	0.070	0.078	0.335	0.713	288.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	0933			.3		0.5	402	655	2.20	20.0
20 02 78	0945			.3		0.5L	434	715	1.90	24.5
20 03 78	0930			.3		5.0	365	660	7.20	24.0
17 04 78	0905			.3		9.0	279	441	14.00	9.5
15 05 78	0905			.3		3.5	363	565	2.80	18.0
19 06 78	0905			.3		12.5	359	486	3.00	20.0
17 07 78	0915			.3		20.0	290	410	5.90	18.0
21 08 78	0940			.3		18.0	296	469	8.40	21.5
18 09 78	1025			.3		178.0	282	449	110.00	18.0
16 10 78	0925			.3		1.0	317	538	1.80	18.0
20 11 78	0910			.3		4.5	419	605	6.60	21.0
18 12 78	0930			.3		1.0	389	610	1.40	27.0
MAXIMUM						178.0	434	715	110.00	27.0
AVG OR GEOM MN (*)						21.1D	350	550	13.77	20.0
MINIMUM						0.5	279	410	1.40	9.5
NO OF SAMPLES						12	12	12	12	12

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 4
STATION TYPE: RIVER

STATION ID: 04-0013-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 51 LAT: LONG: U T M: 17 0487750.0 4757150.0 4 REGION: 01 MILEAGE: 133.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 02 78	1200			.3		43038	4	380.	12.	132.	4. L	1.0	11.5	0.4	0.050
22 03 78	1200			.3		43060	3	10000E+2G	600. G	208.	24.	0.0	12.0	5.0	0.285
19 04 78	1135			.3		43082	6					7.0	11.0	1.7	0.084
17 05 78	1205			.3		43104	9 6	10.	10. L	10. L	4. L	13.0	10.5	2.0	0.045
21 06 78	1105			.3		43126	6	1400.	172.	440.	4. L	20.5	6.5	2.8	0.142
19 07 78	1210			.3		43148	5 9	400.	30.	250.	4. L	24.5	10.5	3.5	0.068
23 08 78	1205			.3		43170	9 6	410.	56.	180.	4. L	22.5	9.0	1.8	0.093
20 09 78	1230			.3		43192	6	50000.	4000.	740.	68.	17.0	8.5	1.9	0.165
18 10 78	1115			.3		43211	6	1200.	10. L	70.	4. L	6.5	8.0	1.4	0.030
22 11 78	1045			.3		43230	6	2400.	10.	220.	4. L	0.5	11.5	1.7	0.051
20 12 78	1105			.3		43249	6	960.	100.	56.	4.	1.0	9.5	0.8	0.036
MAXIMUM								10000E+2	4000.	740.	68.	24.5	12.0	5.0	0.285
AVG OR GEOM MN (*)								1615.* U	62.* E	143.* D	6.* D	10.3	9.9	2.1	0.095
MINIMUM								10.	10.	10.	4.	0.0	6.5	0.4	0.030
NO OF SAMPLES								10	10	10	10	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 02 78	1200			.3		0.033	0.365	0.710	0.029	4.200	4.594	0.345	4.939	458.0	0.5
22 03 78	1200			.3		0.123	0.535	1.620	0.037	3.800	4.372	1.085	5.457	314.0	65.0
19 04 78	1135			.3		0.037	0.055	0.580	0.029	3.600	3.684	0.525	4.209	272.0	9.5
17 05 78	1205			.3		0.003	0.005L	0.640	0.031	2.810	2.846	0.635	3.481	372.0	5.5
21 06 78	1105			.3		0.044	0.005L	0.885	0.053	1.640	1.698	0.880	2.578	480.0	25.0
19 07 78	1210			.3		0.001	0.005L	0.750	0.021	0.730	0.756	0.745	1.501	402.0	10.0
23 08 78	1205			.3		0.011	0.005L	0.720	0.016	1.330	1.351	0.715	2.066	450.0	19.0
20 09 78	1230			.3		0.055	0.055	1.110	0.058	3.280	3.393	1.055	4.448	452.0	36.5
18 10 78	1115			.3		0.005	0.005L	0.525	0.033	2.030	2.068	0.520	2.588	488.0	1.0
22 11 78	1045			.3		0.018	0.170	0.765	0.039	3.960	4.169	0.595	4.764	488.0	7.0
20 12 78	1105			.3		0.022	0.135	0.465	0.045	5.500	5.680	0.330	6.010	470.0	5.5
MAXIMUM						0.123	0.535	1.620	0.058	5.500	5.680	1.085	6.010	488.0	65.0
AVG OR GEOM MN (*)						0.032	0.122D	0.797	0.036	2.989	3.146	0.675	3.822	422.4	16.8
MINIMUM						0.001	0.005	0.465	0.016	0.730	0.756	0.330	1.501	272.0	0.5
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78	1200			.3		458	755	2.50	34.5
22 03 78	1200			.3		249	461	28.00	20.5
19 04 78	1135			.3		263	485	14.00	19.5
17 05 78	1205			.3		367	600	1.10	27.5
21 06 78	1105			.3		455	625	6.60	37.0
19 07 78	1210			.3		392	615	4.60	45.0
23 08 78	1205			.3		431	660	6.50	48.0
20 09 78	1230			.3		416	619	14.00	32.0
18 10 78	1115			.3		487	719	2.40	41.0
22 11 78	1045			.3		481	75	2.90	38.5
20 12 78	1105			.3		464	780	2.90	49.0
MAXIMUM						487	780	28.00	49.0
AVG OR GEOM MN (*)						406	581	7.77	35.7
MINIMUM						249	75	1.10	19.5
NO OF SAMPLES						11	11	11	11

STATION ID: 04-0013-053-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT MEADOWLILY ROAD LONDON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 53 LAT: LONG: U T M: 17 0484950.0 4757550.0 4 REGION: 01 MILEAGE: 132.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1105			.3		43015	6	4000.	240.	120.	4. L	1.0	12.0	1.6	0.042
22 02 78 1105			.3		43037	6	3600.	168.	168.	4. L	1.5	10.5	2.0	0.059
22 03 78 1055			.3		43059	3	19700E+1G	600. G	308.	24.	0.0	10.5	5.1	0.305
19 04 78 1115			.3		43081	6					7.0	11.5	1.7	0.085
17 05 78 1110			.3		43103	6	1700.	40.	30.	4. L	13.0	10.5	3.0	0.044
21 06 78 1018			.3		43125	6 9	31900.	600. G	600. G	68.	10.0	6.0	3.4	0.106
19 07 78 1145			.3		43147	7	600.	90.	90.	4. L	24.0	11.0	3.0	0.063
21 08 78 1400			.3		43169		660.	140.	116.				2.2	0.123
20 09 78 1220			.3		43191	6	68000.	4100.	910.	52.	17.0	8.5	1.7	0.163
MAXIMUM							19700E+1	4100.	910.	68.	24.0	12.0	5.1	0.305
AVG OR GEOM MN (*)							6716.* U	272.* U	179.* U	11.* D	9.2	10.1	2.6	0.110
MINIMUM							600.	40.	30.	4.	0.0	6.0	1.6	0.042
NO OF SAMPLES							8	8	8	7	8	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1105			.3		0.024	0.355	0.710	0.034	4.600	4.989	0.355	5.344	436.0	1.0
22 02 78 1105			.3		0.036	0.410	0.710	0.031	4.400	4.841	0.300	5.141	460.0	1.0
22 03 78 1055			.3		0.125	0.535	1.780	0.035	3.800	4.370	1.245	5.615	306.0	79.0
19 04 78 1115			.3		0.039	0.055	0.610	0.031	3.800	3.886	0.555	4.441	312.0	8.5
17 05 78 1110			.3		0.004	0.005	0.660	0.031	2.910	2.946	0.655	3.601	384.0	7.0
21 06 78 1018			.3		0.005	0.010	0.960	0.050	1.900	1.960	0.950	2.910	450.0	33.0
19 07 78 1145			.3		0.001	0.005L	0.720	0.015	1.310	1.330	0.715	2.045	426.0	8.0
21 08 78 1400			.3		0.021	0.005L	0.790	0.013	1.900	1.918	0.785	2.703	446.0	22.0
20 09 78 1220			.3		0.055	0.065	1.050	0.056	3.380	3.501	0.985	4.486	468.0	35.5
MAXIMUM					0.125	0.535	1.780	0.056	4.600	4.989	1.245	5.615	468.0	79.0
AVG OR GEOM MN (*)					0.034	0.161D	0.888	0.033	3.111	3.305	0.727	4.032	409.8	21.7
MINIMUM					0.001	0.005	0.610	0.013	1.310	1.330	0.300	2.045	306.0	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1105			.3		435	730	18.00	34.5
22 02 78 1105			.3		459	760	1.80	36.5
22 03 78 1055			.3		227	463	36.00	20.5
19 04 78 1115			.3		304	488	13.00	20.5
17 05 78 1110			.3		377	600	1.10	28.0
21 06 78 1018			.3		417	585	10.10	39.0
19 07 78 1145			.3		418	635	2.70	23.0
21 08 78 1400			.3		424	675	6.6	53.0
20 09 78 1220			.3		433	625	8.10	33.5
MAXIMUM					459	760	36.00	53.0
AVG OR GEOM MN (*)					388	618	10.82	32.1
MINIMUM					227	463	1.10	20.5
NO OF SAMPLES					9	9	9	9

STATION ID: 04-0013-054-05

B.O.W./ SITE: STORM DRAIN
SAMPLE POINT: STRATFORD MUNICIPAL STORM DRAIN NEAR LORNE AVE BRIDGE ON AVON RIVER
STATION TYPE: STORM DRAIN

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 54 LAT: LONG: U T M: 17 0498875.0 4801150.0 4 REGION: 01 MILEAGE: 173.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1300			.3		43006	6	1000.	28.	56.	4. L	0.5	12.5	1.2	0.056
20 02 78 1255			.3		43028	6 7	730.	28.	16.	4. L	2.0	9.5	1.3	0.106
20 03 78 1200			.3		43050	6	1600.	84.	600. G	4. L	0.0	12.0	1.6	0.175
17 04 78 1100			.3		43072	6	700.	56.	30.	4. L	3.0	11.5	0.9	0.061
15 05 78 1115			.3		43094	9	3100.	208.	328.	4.	8.0	11.0	1.6	1.220
19 06 78 1135			.3		43116	5 7	4400.	140.	188.	4. L	14.0	10.0	1.0	0.125
17 07 78 1140			.3		43138	9 5 0	1600.	352.	236.	4. L	13.0	10.5	0.8	0.147
MAXIMUM							4400.	352.	600.	4.	14.0	12.5	1.6	1.220
AVG OR GEOM MN (*)							1509.*	87.*	113.* U	4.* D	5.8	11.0	1.2	0.270
MINIMUM							700.	28.	16.	4.	0.0	9.5	0.8	0.056
NO OF SAMPLES							7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1300			.3		0.027	0.240	1.080	0.685	2.460	3.385	0.840	4.225	408.0	0.5L
20 02 78 1255			.3		0.078	0.595	0.925	0.040	4.200	4.835	0.330	5.165	396.0	1.0
20 03 78 1200			.3		0.134	0.855	1.450	0.055	4.190	5.100	0.595	5.695	432.0	3.0
17 04 78 1100			.3		0.046	0.135	0.665	0.021	2.520	2.676	0.530	3.206	336.0	1.5
15 05 78 1115			.3		1.125	3.720	6.900	0.075	5.270	9.065	3.180	12.245	450.0	1.0
19 06 78 1135			.3		0.073	0.065	0.655	0.049	1.860	1.974	0.590	2.564	650.0	2.0
17 07 78 1140			.3		0.087	0.005	0.300	0.007	0.700	0.712	0.295	1.007	922.0	2.0
MAXIMUM					1.125	3.720	6.900	0.685	5.270	9.065	3.180	12.245	922.0	3.0
AVG OR GEOM MN (*)					0.224	0.802	1.711	0.133	3.029	3.964	0.909	4.872	513.4	1.6D
MINIMUM					0.027	0.005	0.300	0.007	0.700	0.712	0.295	1.007	336.0	0.5
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	361 SOLVENT EXTRBLES MG/L	225 TOTAL COPPER MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
16 01 78 1300			.3		408	700	4.80	31.0		0.220		0.010L	0.050	0.020L
20 02 78 1255			.3		395	650	2.30	17.0		0.420	0	0.020	0.080	0.020L
20 03 78 1200			.3		429	790	7.40	52.0		0.300	0	0.040	0.040	0.020L
17 04 78 1100			.3		335	520	2.40	21.0	8.24	0.220	1	0.01	0.02	0.02 L
15 05 78 1115			.3		449	705	3.70	45.5		0.14	1	0.01 L	0.02	0.02 L
19 06 78 1135			.3		648	870	2.00	52.5		0.240	1	0.010L	0.150	0.020L
17 07 78 1140			.3		920	1200	1.70	65.0		0.320	0	0.010L	0.230	0.020L
MAXIMUM					920	1200	7.40	65.0	8.24	0.420	1	0.040	0.230	0.020
AVG OR GEOM MN (*)					512	776	3.47	40.6	8.24	0.266	1	0.016D	0.084	0.020D
MINIMUM					335	520	1.70	17.0	8.24	0.14	0	0.010	0.02	0.020
NO OF SAMPLES					7	7	7	7	1	7	6	7	7	7

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT HIGHWAY 59 SOUTH OF TAVISTOCK
STATION TYPE: RIVER

STATION ID: 04-0013-055-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 55 LAT: LONG: U T M: 17 0512275.0 4794600.0 4 REGION: 01 MILEAGE: 185.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1400			.3		43008	4	290.	208.	1100.	4. L	1.0	10.0	2.0	0.628
20 03 78 1300			.3		43052	6	750.	96.	292.	4. L	1.0	11.0	4.0	0.385
17 04 78 1240			.3		43074	6	190.	4. L	52.	4. L	6.0	12.0	0.8	0.085
15 05 78 1320			.3		43096	6	2600.	120.	600. G	4. L	9.5	10.5	1.5	0.096
19 06 78 1320			.3		43118		5000.	440.	300.	4. L	20.0	10.0	2.1	0.092
17 07 78 1320			.3		43140	8	300.	260.	600. G	4. L	27.0	12.5	2.5	0.116
21 08 78 1345			.3		43162	6 8	990.	328.	452.	4. L	26.0	12.5	2.6	0.108
18 09 78 1440			.3		43184	6	60000. G	14600.	6800.	52.	13.0	9.5		
16 10 78 1325			.3		43205	6					7.0	14.5	0.8	0.046
20 11 78 1255			.3		43224	6	2200.	184.	328.	4. L	2.0	10.0	2.1	0.074
18 12 78 1420			.3		43243	6	750.	116.	600. G	4. L	0.0	11.5	0.6	0.073
MAXIMUM							60000.	14600.	6800.	52.	27.0	14.5	4.0	0.628
AVG OR GEOM MN (*)							1318.* U	202.* D	506.* U	5.* D	10.2	11.3	1.9	0.170
MINIMUM							190.	4.	52.	4.	0.0	9.5	0.6	0.046
NO OF SAMPLES							10	10	10	10	11	11	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1400			.3		0.043	0.195	2.380	0.028	2.120	2.343	2.185	4.528	726.0	365.0
20 03 78 1300			.3		0.122	1.780	2.650	0.035	2.220	4.035	0.870	4.905	486.0	44.0
17 04 78 1240			.3		0.051	0.135	0.575	0.017	2.200	2.352	0.440	2.792	276.0	12.0
15 05 78 1320			.3		0.056	0.005	0.665	0.018	2.630	2.653	0.660	3.313	332.0	8.5
19 06 78 1320			.3		0.029	0.175	1.020	0.045	0.450	0.670	0.845	1.515	378.0	19.5
17 07 78 1320			.3		0.023	0.045	1.050	0.007	0.010L	0.062	1.005	1.067	316.0	5.0
21 08 78 1345			.3		0.033	0.005L	0.880	0.005	0.020	0.030	0.875	0.905	242.0	4.0
16 10 78 1325			.3		0.023	0.015	0.615	0.009	0.340	0.364	0.600	0.964	294.0	1.0
20 11 78 1255			.3		0.046	0.045	0.820	0.036	2.960	3.041	0.775	3.816	410.0	1.0
18 12 78 1420			.3		0.039	0.075	0.620	0.018	3.200	3.293	0.545	3.838	392.0	20.0
MAXIMUM					0.122	1.780	2.650	0.045	3.200	4.035	2.185	4.905	726.0	365.0
AVG OR GEOM MN (*)					0.047	0.248D	1.128	0.022	1.615D	1.884	0.880	2.764	385.2	48.0
MINIMUM					0.023	0.005	0.575	0.005	0.010	0.030	0.440	0.905	242.0	1.0
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1400			.3		361	595	130.00	14.0
20 03 78 1300			.3		442	760	17.00	15.0
17 04 78 1240			.3		264	434	5.60	8.0
15 05 78 1320			.3		324	515	4.10	12.0
19 06 78 1320			.3		358	559	4.30	15.5
17 07 78 1320			.3		311	487	3.30	9.5
21 08 78 1345			.3		238	414	1.70	8.0
16 10 78 1325			.3		293	590	4.80	15.5
20 11 78 1255			.3		409	590	2.60	17.5
18 12 78 1420			.3		372	525	7.20	16.5
MAXIMUM					442	760	130.00	17.5
AVG OR GEOM MN (*)					337	547	18.06	13.2
MINIMUM					238	414	1.70	8.0
NO OF SAMPLES					10	10	10	10

STATION ID: 04-0013-056-02

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: DOWNSTREAM FROM CAMPBELLS SOUP CO OUTFALL
STATION TYPE: RIVER FLOW GAUGE FED 02GE005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 56 LAT: LONG: U T M: 17 0484450.0 4787300.0 4 REGION: 01 MILEAGE: 154.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
16 01 78 1055			.3		43004	4	205.00	370.	80.	92.	4. L	1.0	12.5	1.1
20 02 78 1050			.3		43026	6	115.00	360.	28.	36.	4. L	1.5	10.0	1.0
20 03 78 1020			.3		43048	6	350.00	1130.	52.	600. G	4. L	1.0	10.5	2.2
17 04 78 0955			.3		43070	6	840.00	200.	12.	40.	4. L	5.0	12.0	1.2
15 05 78 1010			.3		43092	6	611.00	2200.	264.	224.	4. L	10.5	10.5	1.6
19 06 78 1000			.3		43114	9 7 5	108.00	1000.	56.	28.	4. L	19.5	9.5	1.7
17 07 78 1020			.3		43136	6	111.00	200.	4. L	4.	4. L	19.0	9.0	2.1
21 08 78 1050			.3		43158	6 9	88.50	740.	196.	168.	4. L	20.0	9.5	1.6
18 09 78 1115			.3		43180	6	1350.00	34000.	3000.	1500. G	60.	14.0	7.0	2.6
16 10 78 1030			.3		43202	6	240.00	1600.	10. L	10. L	4. L	6.5	10.5	0.8
20 11 78 1020			.3		43221	6	320.00	9100.	600. G	600. G	4. L	2.0	9.5	1.8
18 12 78 1035			.3		43240	6	194.00	1700.	210.	190.	4. L	1.0	13.0	0.8
MAXIMUM							1350.00	34000.	3000.	1500.	60.	20.0	13.0	2.6
AVG OR GEOM MN (*)							377.71	1192.*	79.* E	95.* E	5.* D	8.4	10.3	1.5
MINIMUM							88.50	200.	4.	4.	4.	1.0	7.0	0.8
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
16 01 78 1055			.3		0.069	0.043	0.280	0.710	0.037	4.860	5.177	0.430	5.607	422.0
20 02 78 1050			.3		0.124	0.069	2.480	3.150	0.071	4.670	7.221	0.670	7.891	636.0
20 03 78 1020			.3		0.123	0.073	0.470	1.000	0.037	5.100	5.607	0.530	6.137	358.0
17 04 78 0955			.3		0.081	0.055	0.175	0.580	0.025	3.620	3.820	0.405	4.225	326.0
15 05 78 1010			.3		0.057	0.017	0.010	0.940	0.040	4.560	4.610	0.930	5.540	354.0
19 06 78 1000			.3		0.131	0.088	0.025	0.555	0.069	1.660	1.754	0.530	2.284	380.0
17 07 78 1020			.3		0.310	0.231	0.045	0.895	0.033	1.520	1.598	0.850	2.448	332.0
21 08 78 1050			.3		0.164	0.051	0.005	0.925	0.036	0.620	0.661	0.920	1.581	448.0
18 09 78 1115			.3		0.240	0.087	0.135	1.380	0.077	6.310	6.522	1.245	7.767	374.0
16 10 78 1030			.3		0.073	0.045	0.020	0.560	0.019	3.930	3.969	0.540	4.509	346.0
20 11 78 1020			.3		0.117	0.083	0.095	0.675	0.033	5.820	5.948	0.580	6.528	450.0
18 12 78 1035			.3		0.117	0.097	0.135	0.515	0.064	5.100	5.299	0.380	5.679	414.0
MAXIMUM					0.310	0.231	2.480	3.150	0.077	6.310	7.221	1.245	7.891	636.0
AVG OR GEOM MN (*)					0.134	0.078	0.323	0.990	0.045	3.981	4.349	0.668	5.016	403.3
MINIMUM					0.057	0.017	0.005	0.515	0.019	0.620	0.661	0.380	1.581	326.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	361 SOLVENT EXTRBLES MG/L
16 01 78 1055			.3		2.0	420	665	2.50	21.0	0
20 02 78 1050			.3		2.0	634	1000	4.60	75.0	0
20 03 78 1020			.3		13.0	345	665	10.00	23.0	1
17 04 78 0955			.3		14.0	312	470	15.00	11.5	1
15 05 78 1010			.3		5.5	349	575	2.70	18.0	1
19 06 78 1000			.3		4.0	376	535	2.50	23.5	1
17 07 78 1020			.3		17.0	315	491	6.10	21.0	1
21 08 78 1050			.3		59.0	389	505	29.00	26.5	1
18 09 78 1115			.3		70.0	304	518	40.00	18.5	0
16 10 78 1030			.3		2.5	343	560	3.10	20.0	1
20 11 78 1020			.3		3.0	447	650	5.10	22.0	0
18 12 78 1035			.3		4.5	409	605	1.80	29.0	1
MAXIMUM					70.0	634	1000	40.00	75.0	1
AVG OR GEOM MN (*)					16.4	387	603	10.20	25.8	1
MINIMUM					2.0	304	470	1.80	11.5	0
NO OF SAMPLES					12	12	12	12	12	12

STATION ID: 04-0013-058-02

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT COUNTY ROAD NO 15 NEAR KENT BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 02GE003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 58 LAT: LONG: U T M: 17 0411900.0 4707150.0 4 REGION: 01 MILEAGE: 30.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
22 02 78 1515			.3		40034	4	752.00	1600. G	190.	30.	4. L	0.1	11.9	0.7
11 04 78 1340			.3		40085	6 3	16500.00	1300.	90.	160.	4. L	5.5	13.6	1.6
25 05 78 1040			.3		40111	6	1730.00	290.	52.	56.	4. L	18.8	10.1	3.4
13 06 78 1130			.3		40135	6	618.00	6600.	40.	300. G	12.	17.1	9.2	2.8
25 07 78 1500			.3		40404	6	306.00	300.	70.	70.	4. L	25.0	7.5	3.2
29 08 78 1330			.3		40906	6	258.00	1400.	132.	72.	4.	21.0	11.0	3.8
25 09 78 1300			.3		40915	6	1020.00	19000.	140.	76.	4. L	17.5	9.0	2.4
24 10 78 1315			.3		40926	6	578.00	800.	12.	16.	4. L	13.0	10.5	1.0
28 11 78 1615			.3		40937	6	1560.00	10800.	352.	216.	12.	3.0	12.5	2.2
MAXIMUM							16500.00	19000.	352.	300.	12.	25.0	13.6	3.8
AVG OR GEOM MN (*)							2591.33	1866.* U	83.*	78.* U	5.* D	13.4	10.6	2.3
MINIMUM							258.00	290.	12.	16.	4.	0.1	7.5	0.7
NO OF SAMPLES							9	9	9	9	9	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
22 02 78 1515			.3		0.072	0.041	0.575	0.900	0.027	4.100	4.702	0.325	5.027	414.0
11 04 78 1340			.3		0.210	0.099	0.175	0.800	0.033	2.400	2.608	0.625	3.233	320.0
25 05 78 1040			.3		0.106	0.005	0.015	0.910	0.037	2.810	2.862	0.895	3.757	462.0
13 06 78 1130			.3		0.146	0.032	0.050	0.690	0.029	2.400	2.479	0.640	3.119	524.0
25 07 78 1500			.3		0.166	0.033	0.040	1.160	0.029	1.160	1.229	1.120	2.349	458.0
29 08 78 1330			.3		0.116	0.010	0.010	1.020	0.012	0.340	0.362	1.010	1.372	404.0
25 09 78 1300			.3		0.230	0.066	0.045	0.900	0.039	3.060	3.144	0.855	3.999	528.0
24 10 78 1315			.3		0.122	0.061	0.015	0.670	0.027	3.660	3.702	0.655	4.357	486.0
28 11 78 1615			.3		0.110	0.029	0.225	0.990	0.043	2.910	3.178	0.765	3.943	454.0
MAXIMUM					0.230	0.099	0.575	1.160	0.043	4.100	4.702	1.120	5.027	528.0
AVG OR GEOM MN (*)					0.142	0.042	0.128	0.893	0.031	2.538	2.696	0.766	3.462	450.0
MINIMUM					0.072	0.005	0.010	0.670	0.012	0.340	0.362	0.325	1.372	320.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
22 02 78 1515			.3		10.0	404		635	7.50	32.5	7.86
11 04 78 1340			.3		81.0		224	345	79.00	9.5	8.00
25 05 78 1040			.3		39.0	423		555	24.00	24.5	8.38
13 06 78 1130			.3		68.5	455		610	70.00	34.5	8.21
25 07 78 1500			.3		74.0	384		542	84.00	43.5	8.08
29 08 78 1330			.3		62.5	341		615	43.00	44.5	8.35
25 09 78 1300			.3		132.0	396		525	100.00	27.5	8.08
24 10 78 1315			.3		42.0	444		635	36.00	33.5	8.25
28 11 78 1615			.3		42.0	412		639	24.00	23.5	7.77
MAXIMUM					132.0	455	224	639	100.00	44.5	8.38
AVG OR GEOM MN (*)					61.2	407	224	567	51.94	30.4	8.11
MINIMUM					10.0	341	224	345	7.50	9.5	7.77
NO OF SAMPLES					9	8	1	9	9	9	9

B.O.W./ SITE: LAWTON DRAIN
SAMPLE POINT: AT COUNTY RD 32 2 MILES SOUTH OF DORCHESTER
STATION TYPE: RIVER

STATION ID: 04-0013-059-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 59 LAT: LONG: U T M: 17 0495600.0 4757500.0 4 REGION: 01 MILEAGE: 139.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
21 03 78 0925			.3		40058	3	7100.	1000.	7200.	4. L	1.0	15.3	3.4	0.355
06 07 78 1035			.3		40148	5	210.	152.	124.	4. L	22.0	8.9	2.4	0.032
26 07 78 1221			.3		40175	5	1900.	160.	690.	4. L	18.2	11.2	2.8	0.074
15 08 78 1325			.3		40201	5	4200.	150.	170.	4. L	23.8	10.6	1.8	0.030
26 09 78 0920			.3		40227	6	5400.	220.	410.	4. L	9.8	10.0	1.2	0.031
25 10 78 0950			.3		40258	6	1000.	20.	10.	4. L	7.0	11.5	1.0	0.028
08 11 78 0915			.3		40263	6	20000. G	600. G	168.	8.	4.2	9.1	5.8	0.160
18 12 78 1030			.3		40308	6	220.	4. L	12.	4. L	0.8	13.0	0.6	0.032
MAXIMUM							20000.	1000.	7200.	8.	23.8	15.3	5.8	0.355
AVG OR GEOM MN (*)							2025.* U	118.* E	175.*	4.* D	10.9	11.2	2.4	0.093
MINIMUM							210.	4.	10.	4.	0.8	8.9	0.6	0.028
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
21 03 78 0925			.3		0.016	0.265	1.600	0.021	1.760	2.046	1.335	3.381	542.0	250.0
06 07 78 1035			.3		0.001	0.005	0.385	0.023	0.830	0.858	0.380	1.238	304.0	5.0
26 07 78 1221			.3		0.001	0.035	0.725	0.031	0.960	1.026	0.690	1.716	380.0	26.0
15 08 78 1325			.3		0.006	0.010	0.475	0.021	0.850	0.881	0.465	1.346	312.0	6.0
26 09 78 0920			.3		0.005	0.025	0.425	0.013	0.460	0.498	0.400	0.898	422.0	6.5
25 10 78 0950			.3		0.003	0.025	0.435	0.020	0.810	0.855	0.410	1.265	416.0	1.5
08 11 78 0915			.3		0.015	0.770	1.850	0.047	0.800	1.617	1.080	2.697	440.0	7.5
18 12 78 1030			.3		0.016	0.090	0.390	0.022	2.400	2.512	0.300	2.812	480.0	1.0
MAXIMUM					0.016	0.770	1.850	0.047	2.400	2.512	1.335	3.381	542.0	250.0
AVG OR GEOM MN (*)					0.008	0.153	0.786	0.025	1.109	1.287	0.633	1.919	412.0	37.9
MINIMUM					0.001	0.005	0.385	0.013	0.460	0.498	0.300	0.898	304.0	1.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
21 03 78 0925			.3		292	542	105.00	72.0				127	7.71	5.100
06 07 78 1035			.3		299	530	3.10	23.5				198	8.18	0.340
26 07 78 1221			.3		354		9.10	28.5				199	8.04	0.800
15 08 78 1325			.3		306	505	2.00	27.0	42.0		0.0	187	8.61	0.260
26 09 78 0920			.3		415	645	1.80	48.0	51.0	4.55	11.8	213	7.80	0.250
25 10 78 0950			.3		414	655	1.50	45.0	48.0	4.40	12.3	235	8.03	0.170
08 11 78 0915			.3		432	690	3.20	50.0	61.5	4.80	1.4	232	7.95	0.200
18 12 78 1030			.3		479	790	3.00	90.0	57.0	4.50	1.2	194	7.98	0.180
MAXIMUM					479	790	105.00	90.0	61.5	4.80	12.3	235	8.61	5.100
AVG OR GEOM MN (*)					374	622	16.09	48.0	51.9	4.56	5.3	198	8.04	0.913
MINIMUM					292	505	1.50	23.5	42.0	4.40	0.0	127	7.71	0.170
NO OF SAMPLES					8	7	8	8	5	4	5	8	8	8

(CONTD)

STATION ID: 04-0013-059-02

B.O.W./ SITE: LAWTON DRAIN
SAMPLE POINT: AT COUNTY RD 32 2 MILES SOUTH OF DORCHESTER
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 59 LAT: LONG: U T M: 17 0495600.0 4757500.0 4 REGION: 01 MILEAGE: 139.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
21 03 78	0925			.3		2.0							
06 07 78	1035			.3		1.0L	242.0	64.00	19.80				
26 07 78	1221			.3		1.0L	246.0	70.00	17.20				
15 08 78	1325			.3		1.0L	219.0	58.00	18.00	15	1.45	20.20	14
26 09 78	0920			.3		1.0L	281.0	80.00	19.60	17	1.55	28.40	2
25 10 78	0950			.3		2.0	273.0	76.00	20.20	10	1.85	30.00	17
08 11 78	0915			.3		1.0L	272.0	76.00	19.80	34	3.50	40.50	48
18 12 78	1030			.3		1.0L	294.0	85.00	19.80	20	1.85	54.00	49
MAXIMUM						2.0	294.0	85.00	20.20	34	3.50	54.00	49
AVG OR GEOM MN (*)						1.3D	261.0	72.71	19.20	19	2.04	34.62	26
MINIMUM						1.0	219.0	58.00	17.20	10	1.45	20.20	2
NO OF SAMPLES						8	7	7	7	5	5	5	5

STATION ID: 04-0013-060-02

B.O.W./ SITE: BIG SWAMP DRAIN
SAMPLE POINT: 200 FT UPSTREAM OF COUNTY RD 32 SOUTH OFDORCHESTER
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO: 60 LAT: LONG: U T M: 17 0495700.0 4758000.0 4 REGION: 01 MILEAGE: 139.75

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
06 07 78	1010			.3		40147	6	480.	156.	104.	4. L	21.1	6.1	1.7	0.057
26 07 78	1218			.3		40174	6	2800.	320.	930.	8.	17.1	7.7	2.0	0.083
15 08 78	1304			.3		40200	6	5000.	250.	260.	24.	21.8	8.3	1.4	0.057
26 09 78	0905			.3		40226	6	4000.	330.	300.	4. L	8.5	10.2	0.6	0.018
25 10 78	0930			.3		40257	6	1000.	340.	60.	4. L	6.2	9.9	0.4	0.070
08 11 78	0905			.3		40262	6	420.	4.	24.	4. L	3.9	9.5	1.2	0.014
18 12 78	1000			.3		40307	6	260.	4.	4. L	4. L	0.2	12.5	0.5	0.004
MAXIMUM								5000.	340.	930.	24.	21.8	12.5	2.0	0.083
AVG OR GEOM MN (*)								1166.*	81.*	89.* D	6.* D	11.3	9.2	1.1	0.043
MINIMUM								260.	4.	4.	4.	0.2	6.1	0.4	0.004
NO OF SAMPLES								7	7	7	7	7	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
06 07 78	1010			.3		0.007	0.030	0.555	0.028	0.720	0.778	0.525	1.303	310.0	3.0
26 07 78	1218			.3		0.013	0.050	0.705	0.027	0.720	0.797	0.655	1.452	356.0	10.0
15 08 78	1304			.3		0.010	0.030	0.595	0.015	0.490	0.535	0.565	1.100	380.0	15.0
26 09 78	0905			.3		0.007	0.025	0.370	0.009	0.380	0.414	0.345	0.759	434.0	1.0
25 10 78	0930			.3		0.003	0.005	0.350	0.005	0.300	0.310	0.345	0.655	420.0	1.0
08 11 78	0905			.3		0.003	0.005	0.375	0.005	0.240	0.250	0.370	0.620	432.0	6.0
18 12 78	1000			.3		0.004	0.020	0.355	0.004	0.510	0.534	0.335	0.869	348.0	0.5L
MAXIMUM						0.013	0.050	0.705	0.028	0.720	0.797	0.655	1.452	434.0	15.0
AVG OR GEOM MN (*)						0.007	0.024	0.472	0.013	0.480	0.517	0.449	0.965	382.9	5.2D
MINIMUM						0.003	0.005	0.350	0.004	0.240	0.250	0.335	0.620	310.0	0.5
NO OF SAMPLES						7	7	7	7	7	7	7	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
06 07 78	1010			.3		307	555	5.00	28.5				203	6.64	0.580
26 07 78	1218			.3		346	545	3.90	28.5				195	7.86	0.440
15 08 78	1304			.3		365	585	4.70	40.5	42.0		20.9	203	8.02	0.700
26 09 78	0905			.3		433	645	1.30	49.5	54.0	4.50	22.0	208	7.13	0.250
25 10 78	0930			.3		419	640	0.85	51.0	54.0	10.50	19.4	213	7.67	0.180
08 11 78	0905			.3		426	625	1.00	51.0	49.5	4.40	1.6	210	7.60	0.210
18 12 78	1000			.3		348	550	0.80	45.0	45.5	3.90	1.6	242	7.68	0.130
MAXIMUM						433	645	5.00	51.0	54.0	10.50	22.0	242	8.02	0.700
AVG OR GEOM MN (*)						378	592	2.51	42.0	49.0	5.83	13.1	211	7.51	0.356
MINIMUM						307	545	0.80	28.5	42.0	3.90	1.6	195	6.64	0.130
NO OF SAMPLES						7	7	7	7	5	4	5	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
06 07 78	1010			.3		1.0L	256.0	70.00	19.60				
26 07 78	1218			.3		1.0L	244.0	68.00	18.00				
15 08 78	1304			.3		1.0L	254.0	70.00	19.20	20	1.25	23.00	21
26 09 78	0905			.3		1.0L	280.0	79.50	19.80	23	1.05	26.80	4
25 10 78	0930			.3		3.0	278.0	79.50	19.20	25	1.30	24.50	37
08 11 78	0905			.3		1.0L	280.0	81.00	19.00	32	1.20	25.00	42
18 12 78	1000			.3		1.0L	239.0	68.00	16.80	29	1.10	21.00	31
MAXIMUM						3.0	280.0	81.00	19.80	32	1.30	26.80	42
AVG OR GEOM MN (*)						1.3D	261.6	73.71	18.80	26	1.18	24.06	27
MINIMUM						1.0	239.0	68.00	16.80	20	1.05	21.00	4
NO OF SAMPLES						7	7	7	7	5	5	5	5

STATION ID: 04-0013-061-02

B.O.W./ SITE: TURKEY CREEK
SAMPLE POINT: AT COUNTY RD 19 SOUTH OF SOUTHWOLD
STATION TYPE: RIVER

STORET CODE: 00
003
2870

MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STN NO: 61 LAT: LONG: U T M: 17 0470300.0 4739250.0 4 REGION: 01 MILEAGE: 101.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 0950			.3		40006	4					0.0	9.6	0.8	0.090
11 04 78 1500			.3		40087	6	2000.	300.	2700.	10. L	8.0	10.7	2.8	0.460
25 05 78 1210			.3		40113	6	1080.	496.	130.	4. L	22.2	13.3	2.6	0.096
13 06 78 1310			.3		40137	6	9500.	1500. G	230.	4. L	14.9	12.4	1.6	0.040
25 09 78 1530			.3		40918	6	24000.	10. L	324.	4. L	17.0	7.0	4.0	0.164
25 10 78 1200			.3		40929	6	19000.	524.	124.	4. L	12.0	10.5	1.4	0.150
29 11 78 1015			.3		40940	4	3400.	72.	356.	4.	1.0	9.5	4.0	0.073
MAXIMUM							24000.	1500.	2700.	10.	22.2	13.3	4.0	0.460
AVG OR GEOM MN (*)							5630.*	209.* E	324.*	5.* D	10.7	10.4	2.5	0.153
MINIMUM							1080.	10.	124.	4.	0.0	7.0	0.8	0.040
NO OF SAMPLES							6	6	6	6	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 0950			.3		0.051	0.175	0.650	0.027	2.500	2.702	0.475	3.177	408.0	14.0
11 04 78 1500			.3		0.263	0.435	1.920	0.087	2.240	2.762	1.485	4.247	518.0	131.0
25 05 78 1210			.3		0.037	0.055	0.980	0.041	0.660	0.756	0.925	1.681	426.0	12.5
13 06 78 1310			.3		0.011	0.005L	0.475	0.003	0.010L	0.018	0.470	0.488	520.0	3.5
25 09 78 1530			.3		0.065	0.405	1.300	0.065	3.470	3.940	0.895	4.835	1054.0	52.0
25 10 78 1200			.3		0.073	0.475	1.100	0.045	1.660	2.180	0.625	2.805	714.0	21.0
29 11 78 1015			.3		0.039	0.045	0.775	0.036	7.710	7.791	0.730	8.521	680.0	15.0
MAXIMUM					0.263	0.475	1.920	0.087	7.710	7.791	1.485	8.521	1054.0	131.0
AVG OR GEOM MN (*)					0.077	0.228D	1.029	0.043	2.607D	2.878	0.801	3.679	617.1	35.6
MINIMUM					0.011	0.005	0.475	0.003	0.010	0.018	0.470	0.488	408.0	3.5
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
24 01 78 0950			.3		394	670	12.00	31.5	58.0	3.10	9.0	240	7.66	0.700
11 04 78 1500			.3		387	444	270.00	47.5	27.0	2.40	12.0	115	7.72	11.500
25 05 78 1210			.3		414	630	16.00	22.0	64.0	1.30	4.3	242	8.29	1.100
13 06 78 1310			.3		517	680	4.00	60.0	54.0	1.35	8.0	212	8.10	0.380
25 09 78 1530			.3		1002	1470	59.00	245.0	126.0	3.55	22.4	265	7.84	2.660
25 10 78 1200			.3		693	1000	14.00	110.0	120.0	0.80	12.3	250	8.07	0.760
29 11 78 1015			.3		665	940	12.00	82.0	102.0	4.70	13.6	238	7.89	0.590
MAXIMUM					1002	1470	270.00	245.0	126.0	4.70	22.4	265	8.29	11.500
AVG OR GEOM MN (*)					582	833	55.29	85.4	78.7	2.46	11.7	223	7.94	2.527
MINIMUM					387	444	4.00	22.0	27.0	0.80	4.3	115	7.66	0.380
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
24 01 78 0950			.3		1.0L	276.0	89.00	17.50	20	2.10	18.00	9.	21	
11 04 78 1500			.3		2.0	181.0	53.50	11.60		7.20	24.00	10.0	43	
25 05 78 1210			.3		1.0L	307.0	87.00	21.80	24	1.70	15.80	8.0	31	
13 06 78 1310			.3		2.0	319.0	93.00	21.00	20	0.70	17.40	8.1	55	
25 09 78 1530			.3		1.0L	473.0	145.00	26.80	44	6.15	124.00	8.8	67	
25 10 78 1200			.3		1.0	409.0	119.00	27.00	34	7.20	45.00		39	0.001
29 11 78 1015			.3		1.0L	412.0	122.00	26.00	24	3.55	41.00	6.8	35	
MAXIMUM					2.0	473.0	145.00	27.00	44	7.20	124.00	10.0	67	0.001
AVG OR GEOM MN (*)					1.3D	339.6	101.21	21.67	28	4.09	40.74	8.5	42	0.001
MINIMUM					1.0	181.0	53.50	11.60	20	0.70	15.80	6.8	21	0.001
NO OF SAMPLES					7	7	7	7	6	7	7	6	7	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
25 10 78 1200			.3		0.020L	0.010L	0.030L	0.005L	0.020	0.020L
MAXIMUM					0.020	0.010	0.030	0.005	0.020	0.020
AVG OR GEOM MN (*)					0.020D	0.010D	0.030D	0.005D	0.020	0.020D
MINIMUM					0.020	0.010	0.030	0.005	0.020	0.020
NO OF SAMPLES					1	1	1	1	1	1

STATION ID: 04-0027-001-83

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT HIGHWAY 40 WALLACEBURG
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 1 LAT: LONG: U T M: 17 0386125.0 4716225.0 4 REGION: 01 MILEAGE: 2.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
25 01 78	1145			.3		40017	4					1.0	11.2	0.4	
22 02 78	1400			.3		40031	4	4. L	4. L	20.	4. L	0.2	12.8	0.4	0.105
11 04 78	1230			.3		40082	6	3700.	328.	600. G	4. L	9.5	13.5	1.4	0.152
18 04 78	1115			.3		40088	6	1500. G	92.	80.	4. L	7.0	13.2	1.6	0.110
25 04 78	1230			.3		40094	6	700.	24.	16.	4. L	12.0	11.0	1.4	0.084
25 05 78	0925			.3		40108	6	30.	16.	10.	4. L	19.2	10.3	2.2	0.050
13 06 78	1000			.3		40132	6	1500. G	96.	136.	4. L	16.8	10.1	1.9	0.047
18 07 78	0820			.3		40162	6	780.	108.	84.	4. L	17.3		0.9	0.052
09 08 78	1413			.3		40189	6	1360.	56.	68.	4.	23.4	10.1	1.7	0.180
19 09 78	0900			.3		40215	6	4800.	172.	172.	4. L	19.0	9.5	1.1	0.043
17 10 78	1100			.3		40247	6	2900.	50.	40.	4. L	11.5	10.0	0.9	0.027
29 11 78	1000			.3		40278	6	1500.	40.	60.	4. L	4.2	13.2	0.8	0.016
12 12 78	1000			.3		40297	6 0	1500. G	60.	184.	4. L	2.0	13.4	1.5	0.038
MAXIMUM								4800.	328.	600.	4.	23.4	13.5	2.2	0.180
AVG OR GEOM MN (*)								731.* E	54.* D	68.* U	4.* D	11.0	11.5	1.2	0.075
MINIMUM								4.	4.	10.	4.	0.2	9.5	0.4	0.016
NO OF SAMPLES								12	12	12	12	13	12	13	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
25 01 78	1145			.3										174.0	4.5
22 02 78	1400			.3		0.094	0.055	0.255	0.004	0.420	0.479	0.200	0.679	144.0	5.0
11 04 78	1230			.3		0.079	0.160	1.010	0.041	3.690	3.891	0.850	4.741	374.0	35.0
18 04 78	1115			.3		0.057	0.115	0.850	0.035	3.100	3.250	0.735	3.985	328.0	23.0
25 04 78	1230			.3		0.030	0.095	0.575	0.029	3.200	3.324	0.480	3.804	364.0	35.0
25 05 78	0925			.3		0.005	0.025	0.790	0.033	2.130	2.188	0.765	2.953	376.0	11.0
13 06 78	1000			.3		0.007	0.065	0.600	0.032	0.660	0.757	0.535	1.292	332.0	11.5
18 07 78	0820			.3		0.012	0.030	0.450	0.019	0.220	0.269	0.420	0.689	272.0	7.0
09 08 78	1413			.3		0.004	0.005	0.405	0.008	0.150	0.163	0.400	0.563	198.0	18.0
19 09 78	0900			.3		0.043	0.105	0.470	0.013	0.160	0.278	0.365	0.643	176.0	7.5
17 10 78	1100			.3		0.009	0.030	0.275	0.009	0.240	0.279	0.245	0.524	204.0	0.5
29 11 78	1000			.3		0.005	0.025	0.180	0.005	0.220	0.250	0.155	0.405	142.0	4.0
12 12 78	1000			.3		0.010	0.035	0.405	0.009	2.200	2.244	0.370	2.614	396.0	8.0
MAXIMUM						0.094	0.160	1.010	0.041	3.690	3.891	0.850	4.741	396.0	35.0
AVG OR GEOM MN (*)						0.030	0.062	0.522	0.020	1.366	1.448	0.460	1.908	267.7	13.1
MINIMUM						0.004	0.005	0.180	0.004	0.150	0.163	0.155	0.405	142.0	0.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
25 01 78	1145			.3		169		300	2.90				7.96		1.0L
22 02 78	1400			.3			174	268	1.30	12.5	20.0	0.65	7.98	0.200	1.0
11 04 78	1230			.3		339		475	55.00	15.5	52.0	2.50	8.00	1.380	1.0L
18 04 78	1115			.3		305		484	61.00	14.5	47.0	2.05	8.16	2.200	1.0
25 04 78	1230			.3		329		475	33.00	16.0	52.0	1.45	8.11	1.520	1.0L
25 05 78	0925			.3		365		555	14.00	19.5	54.0	0.15	8.35	0.700	1.0L
13 06 78	1000			.3		320		460	15.00	17.0	44.5	0.35	8.25	0.700	1.0L
18 07 78	0820			.3		265		386	10.00	17.0	39.0	1.25	8.45	0.510	1.0L
09 08 78	1413			.3			200	302	10.00	13.5	28.0	1.15	8.14	0.250	1.0L
19 09 78	0900			.3		168	206	317	6.60	13.0	28.5	1.30	8.03	1.000	1.0L
17 10 78	1100			.3			185	285	3.00	12.5	25.0	0.85	7.88	0.490	1.0L
29 11 78	1000			.3		138		249	14.00	14.0	18.0	0.58	8.16	0.160	1.0
12 12 78	1000			.3		388		580	7.00	66.0	52.0	1.36	6.53	0.390	1.0L
MAXIMUM						388	206	580	61.00	66.0	54.0	2.50	8.45	2.200	1.0
AVG OR GEOM MN (*)						279	191	395	17.91	19.3	38.3	1.14	8.00	0.792	1.0D
MINIMUM						138	174	249	1.30	12.5	18.0	0.15	6.53	0.160	1.0
NO OF SAMPLES						10	4	13	13	12	12	12	13	12	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
25 01 78	1145			.3		5.		2	0.001	0.04 L	0.02 L	0.01 L	0.03 L	0.005L	0.02
22 02 78	1400			.3		2.0	13								
11 04 78	1230			.3		6.3	24	2	0.001	0.040	0.020	0.020	0.030L	0.005L	0.030
18 04 78	1115			.3		6.0	7	1	0.001		0.020	0.060	0.030L	0.005L	0.010L
25 04 78	1230			.3		4.8	15	0	0.003	0.040	0.050	0.010	0.030L	0.005L	0.010L
25 05 78	0925			.3		5.7	25				0.020L	0.040	0.030L		0.080
13 06 78	1000			.3		4.6	20				0.020L	0.010	0.030L		0.020
18 07 78	0820			.3			12	1	0.001	0.03 L	0.02 L	0.04	0.03 L	0.005L	0.01 L
09 08 78	1413			.3		2.6	12								
19 09 78	0900			.3		2.5	79								
17 10 78	1100			.3		2.2	26	3	0.001	0.020L	0.030	0.020	0.030L	0.005	0.010
29 11 78	1000			.3		2.0	58								
12 12 78	1000			.3		4.0	29				0.030	0.020L	0.030L	0.005L	0.010L
MAXIMUM						6.3	79	3	0.003	0.04	0.050	0.060	0.03	0.005	0.080
AVG OR GEOM MN (*)						4.0	27	2	0.001	0.034D	0.026D	0.026D	0.030D	0.005D	0.022D
MINIMUM						2.0	7	0	0.001	0.020	0.02	0.01	0.03	0.005	0.010
NO OF SAMPLES						12	12	6	6	5	9	9	9	7	9

(C O N T D)

```
                                                238      272
SAMP DTE HOUR  STN  STN SAMP  PJ               TOTAL  AVAILBLE
DY MO YR LMT   DIST BRG DEPTH                 NICKEL   CYANIDE
               FEET      MTRS                   MG/L   MG/L CN

25 01 78 1145               .3               0.02 L
11 04 78 1230               .3               0.020L
18 04 78 1115               .3               0.020L
25 04 78 1230               .3               0.020L
25 05 78 0925               .3               0.020L
13 06 78 1000               .3               0.020L
18 07 78 0820               .3               0.02 L
17 10 78 1100               .3               0.020L
12 12 78 1000               .3               0.020L    0.01L

                       MAXIMUM               0.02       0.01
            AVG OR GEOM MN (*)               0.020D     0.01D
                       MINIMUM               0.02       0.01

               NO OF SAMPLES                    9          1
```

```
B.O.W./ SITE: BEAR CREEK                                                                    STATION ID:  04-0027-004-02
SAMPLE POINT: AT FIRST CONCESSION WEST OF PETROLIA
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                       003
                                                      TERM STREAM: SYDENHAM RIVER                                  2980

STN NO:      4    LAT:                 LONG:          U T M: 17 0404475.0 4746150.0 4    REGION: D1       MILEAGE:    38.80

                                      934       901       80         81        84        88       805        3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL      FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM   COLIFORM    ENTER.      MPA     TEMP.        O2       BOD         P
               FEET      MTRS                         MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L

12 01 78 1345               .3       40003    4        51000.     2700.      350.      4.  L     0.3       8.1       1.1     0.116
27 02 78 1330               .3       40039    4                                                  0.5       9.0       5.7     1.730
28 03 78 1315               .3       40062    6 3      18000.      100. L    900.      8.        1.3      11.4       1.6     0.185
25 04 78 1415               .3       40098    6         4500.       72.       70.      4.  L    12.3      11.6       2.0     0.140
21 06 78 1411               .3       40142    6         2100.      170.      100.      4.  L    24.4      12.4       7.3     0.300
18 07 78 1109               .3       40168    6         1000.       70.       10.      4.  L    25.1                 6.8     0.340
09 08 78 1214               .3       40194    6        31000.       28.       52.      8.       23.6      10.2       5.6     0.304
19 09 78 1045               .3       40220    6         6400.      270.      460.     10.  L    17.5       7.6       9.4     0.086
17 10 78 1250               .3       40251    6         1600.       10.       10. L    4.  L     8.5      13.5       7.0     0.385
12 12 78 1220               .3       40301    4         9200.      400.      400.      4.  L     0.2      12.2       1.2     0.202

                       MAXIMUM                         51000.     2700.      900.     10.       25.1      13.5       9.4     1.730
            AVG OR GEOM MN (*)                         6648.*     124.* D    109.* D   5.* D    11.4      10.7       4.8     0.379
                       MINIMUM                          1000.       10.       10.      4.        0.2       7.6       1.1     0.086

               NO OF SAMPLES                               9         9         9         9        10         9        10        10

                                      34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET      MTRS      P MG/L      MG/L      MG/L   MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

12 01 78 1345               .3     0.076     0.385     0.760     0.027     5.000     5.412     0.375     5.787     558.0       3.0
27 02 78 1330               .3     0.350     2.100     2.600     0.026     2.360     4.486     0.500     4.986     612.0       6.5




28 03 78 1315               .3     0.130     0.325     1.020     0.051     3.430     3.806     0.695     4.501     272.0      21.0
25 04 78 1415               .3     0.043     0.075     0.640     0.043     4.800     4.918     0.565     5.483     456.0      74.0
21 06 78 1411               .3     0.017     0.030     1.550     0.041     0.970     1.041     1.520     2.561     518.0      66.0
18 07 78 1109               .3     0.010     0.015     1.800     0.004     0.010L    0.029     1.785     1.814     542.0     127.0
09 08 78 1214               .3     0.042     0.060     1.790     0.007     0.010L    0.077     1.730     1.807     524.0      48.0
19 09 78 1045               .3     0.033     0.600     0.655     0.120     0.420     1.140     0.055     1.195     414.0      96.0
17 10 78 1250               .3     0.175     0.015     1.580     0.021     0.010L    0.046     1.565     1.611     460.0      11.0
12 12 78 1220               .3     0.080     0.580     1.320     0.097    13.400    14.077     0.740    14.817     616.0       8.0

                       MAXIMUM     0.350     2.100     2.600     0.120    13.400    14.077     1.785    14.817     616.0     127.0
            AVG OR GEOM MN (*)     0.096     0.419     1.372     0.044     3.041D    3.503     0.953     4.456     497.2      46.1
                       MINIMUM     0.010     0.015     0.640     0.004     0.010     0.029     0.055     1.195     272.0       3.0

               NO OF SAMPLES          10        10        10        10        10        10        10        10        10        10

                                       7       107        14        16        56        55        25       361
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.   CALCUL       COND.     TURB.  CHLORIDE        PH   PHENOLS   SOLVENT
DY MO YR LMT   DIST BRG DEPTH      SOLIDS   D-SOLIDS      25C  FORMAZIN      MG/L    AT LAB             EXTRBLES
               FEET      MTRS        MG/L   MG/L        UMHOS     UNITS                           UG/L      MG/L

12 01 78 1345               .3        555                 950      6.40      75.0      7.71       1.0         0
27 02 78 1330               .3        606                1000      7.60      98.0      7.66       8.0         0
28 03 78 1315               .3                  241       371     55.00      12.5      7.85       1.5         0
25 04 78 1415               .3        382                 580     70.00      23.5      8.13       1.0L        0
21 06 78 1411               .3        452                 615     43.00      37.0      8.25       1.0L        1
18 07 78 1109               .3        415                 660    100.00      68.0      8.33       1.0L        0
09 08 78 1214               .3        476                 805     42.00     115.0      8.15       1.0         2
19 09 78 1045               .3        318                 635     74.00      90.0      7.81       2.0         1
17 10 78 1250               .3        449                 710     11.00      75.0      8.49       2.5         1
12 12 78 1220               .3        608                 850     10.00      71.0      8.18       1.0         1

                       MAXIMUM        608       241      1000    100.00     115.0      8.49       8.0         2
            AVG OR GEOM MN (*)        473       241       718     41.90      66.5      8.06       2.0D        1
                       MINIMUM        318       241       371      6.40      12.5      7.66       1.0         0

               NO OF SAMPLES            9         1        10        10        10        10        10        10
```

STATION ID: 04-0027-005-02

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT BRIDGE IN TUPPERVILLE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 5 LAT: LONG: U T M: 17 0396125.0 4715825.0 4 REGION: 01 MILEAGE: 6.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
25 01 78 1210			.3		40018	4					1.3	8.8	0.5	0.050
22 02 78 1420			.3		40032	4	5200.	92.	460.	4. L	0.2	9.4	0.5	0.066
11 04 78 1300			.3		40083	6	3100.	180.	1340.	4. L	7.5	11.5	1.2	0.310
25 05 78 0955			.3		40109	6	100.	20.	10.	4. L	18.8	10.2	2.1	0.117
13 06 78 1025			.3		40133	6	290.	24.	92.	4. L	16.4	9.4	2.8	0.094
18 07 78 0845			.3		40163	6	96.	12.	28.	4. L	16.9		1.3	0.046
MAXIMUM							5200.	180.	1340.	4.	18.8	11.5	2.8	0.310
AVG OR GEOM MN (*)							537.*	39.*	110.*	4.* D	10.2	9.9	1.4	0.114
MINIMUM							96.	12.	10.	4.	0.2	8.8	0.5	0.046
NO OF SAMPLES							5	5	5	5	6	5	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
25 01 78 1210			.3		0.039	0.195	0.540	0.021	3.200	3.416	0.345	3.761	378.0	3.5
22 02 78 1420			.3		0.049	0.205	0.610	0.015	2.900	3.120	0.405	3.525	394.0	4.0
11 04 78 1300			.3		0.151	0.290	1.280	0.069	2.910	3.269	0.990	4.259	600.0	203.0
25 05 78 0955			.3		0.007	0.020	0.820	0.025	1.770	1.815	0.800	2.615	374.0	20.0
13 06 78 1025			.3		0.011	0.055	0.745	0.025	0.740	0.820	0.690	1.510	234.0	35.0
18 07 78 0845			.3		0.003	0.060	0.625	0.015	0.220	0.295	0.565	0.860	364.0	10.0
MAXIMUM					0.151	0.290	1.280	0.069	3.200	3.416	0.990	4.259	600.0	203.0
AVG OR GEOM MN (*)					0.043	0.138	0.770	0.028	1.957	2.123	0.633	2.755	390.7	45.9
MINIMUM					0.003	0.020	0.540	0.015	0.220	0.295	0.345	0.860	234.0	3.5
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 78 1210			.3		375	655	5.10	17.5	8.01
22 02 78 1420			.3		390	665	5.30	40.0	7.70
11 04 78 1300			.3		397	463	280.00	15.0	7.99
25 05 78 0955			.3		354	545	18.00	17.5	8.33
13 06 78 1025			.3		199	555	27.00	16.5	8.12
18 07 78 0845			.3		354	498	5.40	18.0	8.25
MAXIMUM					397	665	280.00	40.0	8.33
AVG OR GEOM MN (*)					345	564	56.80	20.8	8.07
MINIMUM					199	463	5.10	15.0	7.70
NO OF SAMPLES					6	6	6	6	6

STATION ID: 04-0027-006-02

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT DOWN MILLS ROAD UPSTREAM OF DRESDEN
STATION TYPE: RIVER FLOW GAUGE FED 02GG007

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 6 LAT: LONG: U T M: 17 0407325.0 4715600.0 4 REGION: 01 MILEAGE: 14.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
25 01 78 1235			.3		40019	4	121.00					1.0	8.7	0.6
22 02 78 1445			.3		40033	4	138.00	600. G	80.	170.	4. L	0.0	9.8	0.4
11 04 78 1315			.3		40084	6 3	1650.00	1100.	76.	1210.	4. L	7.3	12.0	1.3
25 05 78 1020			.3		40110	6	184.00	490.	12.	50.	4. L	18.8	8.6	1.4
13 06 78 1100			.3		40134	6	101.00	1600.	84.	188.	4. L	15.8	8.7	2.7
18 07 78 0921			.3		40164	6	32.60	380.	176.	88.	4. L	16.3		0.7
09 08 78 1505			.3		40190	5 7 9	38.80	5500.	12.	64.	4. L	24.8	9.7	2.0
19 09 78 0830			.3		40216	7	50.50	2700.	104.	256.	16.	21.0	8.8	0.7
17 10 78 0930			.3		40246	6 9	51.70	70.	10. L	40.	4. L	8.0	10.6	1.1
29 11 78 0925			.3		40277	6	84.80	1220.	30.	190.	4. L	1.0	14.2	1.1
12 12 78 0920			.3		40296	4	261.00	1000.	60.	224.	4. L	0.0	13.6	1.9
MAXIMUM							1650.00	5500.	176.	1210.	16.	24.8	14.2	2.7
AVG OR GEOM MN (*)							246.67	870.* U	43.* D	147.*	5.* D	10.4	10.5	1.3
MINIMUM							32.60	70.	10.	40.	4.	0.0	8.6	0.4
NO OF SAMPLES							11	10	10	10	10	11	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
25 01 78 1235			.3		0.056	0.035	0.175	0.530	0.021	2.900	3.096	0.355	3.451	372.0
22 02 78 1445			.3		0.064	0.041	0.185	0.540	0.013	2.800	2.998	0.355	3.353	412.0
11 04 78 1315			.3		0.145	0.069	0.130	0.835	0.031	2.410	2.571	0.705	3.276	374.0
25 05 78 1020			.3		0.078	0.009	0.015	0.690	0.017	1.410	1.442	0.675	2.117	378.0
13 06 78 1100			.3		0.108	0.021	0.045	0.595	0.015	1.130	1.190	0.550	1.740	458.0
18 07 78 0921			.3		0.068	0.013	0.015	0.495	0.006	0.160	0.181	0.480	0.661	406.0
09 08 78 1505			.3		0.092	0.010	0.015	0.640	0.009	0.170	0.194	0.625	0.819	362.0
19 09 78 0830			.3		0.086	0.017	0.055	0.565	0.007	0.180	0.242	0.510	0.752	330.0
17 10 78 0930			.3		0.032	0.009	0.025	0.440	0.007	0.780	0.812	0.415	1.227	346.0
29 11 78 0925			.3		0.021	0.005	0.015	0.415	0.009	1.480	1.504	0.400	1.904	398.0
12 12 78 0920			.3		0.146	0.031	0.045	0.850	0.041	11.400	11.486	0.805	12.291	562.0
MAXIMUM					0.146	0.069	0.185	0.850	0.041	11.400	11.486	0.805	12.291	562.0
AVG OR GEOM MN (*)					0.081	0.024	0.065	0.600	0.016	2.256	2.338	0.534	2.872	399.8
MINIMUM					0.021	0.005	0.015	0.415	0.006	0.160	0.181	0.355	0.661	330.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
25 01 78 1235			.3		6.0	366	640	5.20	16.0	7.87	0.310
22 02 78 1445			.3		7.0	405	665	9.00	18.0	7.73	
11 04 78 1315			.3		63.0	311	460	70.00	12.5	8.02	
25 05 78 1020			.3		30.5	348	545	17.00	15.5	8.19	
13 06 78 1100			.3		47.0	411	555	41.00	15.0	8.14	
18 07 78 0921			.3		41.0	365	501	35.00	16.5	8.24	
09 08 78 1505			.3		49.0	313	457	28.00	16.5	8.31	
19 09 78 0830			.3		42.0	288	456	42.00	16.0	8.09	
17 10 78 0930			.3		1.5	344	520	11.00	18.0	7.96	
29 11 78 0925			.3		3.5	394	600	5.60	26.0	8.34	
12 12 78 0920			.3		72.0	490	680	42.00	34.0	8.13	
MAXIMUM					72.0	490	680	70.00	34.0	8.34	0.310
AVG OR GEOM MN (*)					33.0	367	553	27.80	18.5	8.09	0.310
MINIMUM					1.5	288	456	5.20	12.5	7.73	0.310
NO OF SAMPLES					11	11	11	11	11	11	1

B.O.W./ SITE: SYDENHAM RIVER   STATION ID: 04-0027-007-02
SAMPLE POINT: AT FIRST CONCESSION SOUTH OF HIGHWAY 22 STRATHROY
STATION TYPE: RIVER   FLOW GAUGE FED 02GG005   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: SYDENHAM RIVER   2980

STN NO: 7   LAT: LONG: U T M: 17 0445450.0 4753175.0 4   REGION: 01   MILEAGE: 81.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
27 02 78 1535			.3		40042	6	31.10					2.0	14.8	1.7
28 03 78 1030			.3		40059	3	230.00	600.	110.	20.	4. L	1.4	13.3	1.2
21 06 78 1638			.3		40146	6	23.20	20000.	770.	520.	4. L	20.3	7.7	3.2
18 07 78 1342			.3		40173	6	13.40	2600.	40.	110.	4. L	20.9		2.3
09 08 78 0857			.3		40199	6	11.80	3900.	60.	304.	4. L	20.2	7.2	2.2
19 09 78 1300			.3		40225	6	39.80	12800.	600. G	600. G	96.	11.0	9.0	2.0
17 10 78 1600			.3		40256	6	20.70	1200.	20.	10.	4. L	8.8	10.3	1.4
29 11 78 1435			.3		40286	6	28.00	2700.	10. L	350.	4. L	2.0	14.0	2.2
12 12 78 1530			.3		40306	6	47.80	468.	12.	120.	4. L	0.9	12.7	1.5
MAXIMUM							230.00	20000.	770.	600.	96.	20.9	14.8	3.2
AVG OR GEOM MN (*)							49.53	2640.*	64.* E	131.* U	6.* D	9.7	11.1	2.0
MINIMUM							11.80	468.	10.	10.	4.	0.9	7.2	1.2
NO OF SAMPLES							9	8	8	8	8	9	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
27 02 78 1535			.3		0.124	0.102	0.510	0.775	0.014	2.210	2.734	0.265	2.999	334.0
28 03 78 1030			.3		0.116	0.078	0.245	0.800	0.031	2.370	2.646	0.555	3.201	264.0
21 06 78 1638			.3		0.184	0.060	0.115	0.870	0.062	1.420	1.597	0.755	2.352	412.0
18 07 78 1342			.3		0.134	0.051	0.065	0.670	0.058	1.490	1.613	0.605	2.218	402.0
09 08 78 0857			.3		0.134	0.098	0.115	0.700	0.069	1.800	1.984	0.585	2.569	380.0
19 09 78 1300			.3		0.168	0.091	0.185	0.910	0.064	3.230	3.479	0.725	4.204	266.0
17 10 78 1600			.3		0.174	0.134	0.225	0.735	0.033	1.840	2.098	0.510	2.608	410.0
29 11 78 1435			.3		0.096	0.074	0.235	0.625	0.017	2.530	2.782	0.390	3.172	394.0
12 12 78 1530			.3		0.095	0.038	0.105	0.455	0.029	8.100	8.234	0.350	8.584	396.0
MAXIMUM					0.184	0.134	0.510	0.910	0.069	8.100	8.234	0.755	8.584	412.0
AVG OR GEOM MN (*)					0.136	0.081	0.200	0.727	0.042	2.777	3.019	0.527	3.545	362.0
MINIMUM					0.095	0.038	0.065	0.455	0.014	1.420	1.597	0.265	2.218	264.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
27 02 78 1535			.3		2.0	332	600	6.50	15.5	8.11	
28 03 78 1030			.3		7.0	257	444	7.60	9.0	7.92	1.0
21 06 78 1638			.3		29.5	383	555	8.80	14.5	7.85	
18 07 78 1342			.3		25.0	377	559	10.00	15.0	8.10	
09 08 78 0857			.3		17.0	363	555	7.40	15.5	7.97	
19 09 78 1300			.3		14.5	251	518	10.00	17.5	8.02	
17 10 78 1600			.3		1.0	409	605	1.50	21.5	7.78	
29 11 78 1435			.3		3.0	391	610	3.00	23.0	8.28	
12 12 78 1530			.3		5.0	391	625	3.30	23.0	8.06	
MAXIMUM					29.5	409	625	10.00	23.0	8.28	1.0
AVG OR GEOM MN (*)					11.6	350	563	6.46	17.2	8.01	1.0
MINIMUM					1.0	251	444	1.50	9.0	7.78	1.0
NO OF SAMPLES					9	9	9	9	9	9	1

STATION ID: 04-0027-008-02

B.O.W./ SITE: BEAR CREEK
SAMPLE POINT: AT TOWNSHIP LINE NORTH EAST OF AVONRY SEWAGE TREATMENT PLANT
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER
STORET CODE: 02
003
2980

STN NO: 8 LAT: LONG: U T M: 17 0390200.0 4735250.0 4 REGION: 01 MILEAGE: 21.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML.	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 01 78 1230			.3		40002	4	9000.	400.	110.	4. L	0.3	8.4	1.4	0.120
27 02 78 1230			.3		40038	4					1.2	5.1	1.4	0.196
28 03 78 1400			.3		40064	6	4100.	28.	570.	4.	1.0	12.5	1.2	0.204
25 04 78 1325			.3		40096	6	2400.	108.	104.	4. L	11.0	12.3	1.6	0.145
21 06 78 1300			.3		40140	6	1400.	180.	640.	4. L	24.0	10.0	4.2	0.260
18 07 78 1026			.3		40166	6	400.	10.	100.	4. L	24.7		2.4	0.124
09 08 78 1302			.3		40192	6	9400.	12.	80.	4. L	23.8	9.2	3.6	0.134
19 09 78 1000			.3		40218	6	6100.	290.	520.	10. L	18.0	8.5	8.4	0.119
17 10 78 1155			.3		40249	6	1700.	30.	70.	4. L	7.0	10.6	919.0	0.074
29 11 78 1050			.3		40280	4	3100.	20.	300.	4. L	1.2	12.6	3.8	0.298
12 12 78 1140			.3		40299	4 6	13000.	600. G	236.	4. L	0.5	13.3	3.1	0.360
MAXIMUM							13000.	600.	640.	10.	24.7	13.3	919.0	0.360
AVG OR GEOM MN (*)							3380.*	70.* U	197.*	4.* D	10.2	10.3	86.4	0.185
MINIMUM							400.	10.	70.	4.	0.3	5.1	1.2	0.074
NO OF SAMPLES							10	10	10	10	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78 1230			.3		0.071	0.340	0.760	0.027	4.980	5.347	0.420	5.767	684.0	4.5
27 02 78 1230			.3		0.160	0.875	1.160	0.017	2.600	3.492	0.285	3.777	732.0	7.0
28 03 78 1400			.3		0.140	0.355	1.110	0.051	2.360	2.766	0.755	3.521	306.0	41.0
25 04 78 1325			.3		0.050	0.065	0.720	0.045	4.600	4.710	0.655	5.365	518.0	88.0
21 06 78 1300			.3		0.030	0.075	1.430	0.020	0.740	0.835	1.355	2.190	760.0	158.0
18 07 78 1026			.3		0.009	0.025	0.980	0.004	0.010L	0.039	0.955	0.994	1466.0	55.0
09 08 78 1302			.3		0.006	0.005	1.060	0.003	0.010L	0.018	1.055	1.073	1356.0	60.0
19 09 78 1000			.3		0.009	0.065	0.810	0.020	0.070	0.155	0.745	0.900	1948.0	92.5
17 10 78 1155			.3		0.012	0.055	0.870	0.005	0.010L	0.070	0.815	0.885	922.0	3.0
29 11 78 1050			.3		0.153	1.090	2.650	0.061	0.750	1.901	1.560	3.461	896.0	11.0
12 12 78 1140			.3		0.023	0.690	1.750	0.075	8.000	8.765	1.060	9.825	844.0	13.0
MAXIMUM					0.160	1.090	2.650	0.075	8.000	8.765	1.560	9.825	1948.0	158.0
AVG OR GEOM MN (*)					0.060	0.331	1.209	0.030	2.194D	2.554	0.878	3.433	948.4	48.5
MINIMUM					0.006	0.005	0.720	0.003	0.010	0.018	0.285	0.885	306.0	3.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L	361 SOLVENT EXTRBLES MG/L
12 01 78 1230			.3		680		1090	9.10	115.0	7.69	1.0	3
27 02 78 1230			.3		725		1160	8.90	135.0	7.67	1.0L	1
28 03 78 1400			.3			233	359	80.00	13.0	7.85	1.5	1
25 04 78 1325			.3		430		600	92.00	30.0	8.15	1.0L	1
21 06 78 1300			.3		602		870	126.00	140.0	8.08	1.0L	3
18 07 78 1026			.3		1411		1960	46.00	435.0	7.97	1.0L	1
09 08 78 1302			.3		1296		1860	40.00	430.0	8.04	1.0L	0
19 09 78 1000			.3		1855		2770	67.00	800.0	7.83	1.0	1
17 10 78 1155			.3				1350	11.00	275.0	7.77	2.0	1
29 11 78 1050			.3		885		1410	16.00	295.0	8.13	1.0L	1
12 12 78 1140			.3		831		1210	16.00	205.0	8.17	1.5	0
MAXIMUM					1855	233	2770	126.00	800.0	8.17	2.0	3
AVG OR GEOM MN (*)					968	233	1331	46.55	261.2	7.94	1.2D	1
MINIMUM					430	233	359	8.90	13.0	7.67	1.0	0
NO OF SAMPLES					9	1	11	11	11	11	11	11

STATION ID: 04-0027-009-02

B.O.W./ SITE: BLACK CREEK
SAMPLE POINT: AT COUNTY ROAD 9 WEST OF OIL SPRINGS
STATION TYPE: RIVER FLOW GAUGE MOE 02GG101
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER
STORET CODE: 02
003
2980

STN NO: 9 LAT: LONG: U T M: 17 0404100.0 4737700.0 4 REGION: 01 MILEAGE: 30.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 01 78 1130			.3		40001	4	6800.	910.	360.	4. L	0.2	9.3	1.1	0.076
27 02 78 1115			.3		40037	4					0.8	9.5	1.8	0.078
28 03 78 1330			.3		40063	6 3	1600.	76.	690.	4. L	0.2	12.2	1.2	0.190
25 04 78 1355			.3		40097	6	350.	4. L	20.	4. L	13.3	13.3	2.2	0.110
21 06 78 1228			.3		40139	6 9	3800.	600. G	600. G	28.	23.8	9.2	2.1	0.134
18 07 78 1051			.3		40167	6	80.	80.	190.	8.	24.5		2.8	0.154
09 08 78 1243			.3		40193	6	2200.	80.	152.	4. L	23.9	11.2	3.2	0.082
19 09 78 1030			.3		40219	6	11800.	700.	1320.	10. L	17.5	9.8	4.0	0.032
17 10 78 1230			.3		40250	6	1300.	30.	10.	4. L	8.8	10.8	1.2	0.022
29 11 78 1115			.3		40281	4	900.	40.	140.	4. L	1.8	13.0	2.0	0.066
12 12 78 1200			.3		40300	4	2200.	48.	204.	4. L	0.5	12.9	2.0	0.072
MAXIMUM							11800.	910.	1320.	28.	24.5	13.3	4.0	0.190
AVG OR GEOM MN (*)							1545.*	92.* E	178.* U	6.* D	10.5	11.1	2.1	0.092
MINIMUM							80.	4.	10.	4.	0.2	9.2	1.1	0.022
NO OF SAMPLES							10	10	10	10	11	10	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78 1130			.3		0.051	0.340	0.850	0.035	3.910	4.285	0.510	4.795	918.0	3.0
27 02 78 1115			.3		0.061	0.455	0.890	0.015	1.370	1.840	0.435	2.275	1138.0	5.0
28 03 78 1330			.3		0.118	0.265	1.150	0.053	2.260	2.578	0.885	3.463	258.0	20.0
25 04 78 1355			.3		0.059	0.095	0.910	0.051	1.970	2.116	0.815	2.931	638.0	45.0
21 06 78 1228			.3		0.017	0.035	1.170	0.079	0.930	1.044	1.135	2.179	922.0	48.0
18 07 78 1051			.3		0.017	0.070	1.250	0.010	0.010	0.090	1.180	1.270	1412.0	96.0
09 08 78 1243			.3		0.005	0.040	0.940	0.004	0.010L	0.054	0.900	0.954	4912.0	25.0
19 09 78 1030			.3		0.005	0.085	0.520	0.011	0.020	0.116	0.435	0.551	7582.0	24.0
17 10 78 1230			.3		0.001	0.025	0.560	0.002	0.010L	0.037	0.535	0.572	4088.0	0.5
29 11 78 1115			.3		0.011	0.105	0.750	0.044	0.870	1.019	0.645	1.664	2062.0	4.5
12 12 78 1200			.3		0.028	0.030	0.830	0.014	10.200	10.244	0.800	11.044	952.0	7.0
MAXIMUM					0.118	0.455	1.250	0.079	10.200	10.244	1.180	11.044	7582.0	96.0
AVG OR GEOM MN (*)					0.034	0.140	0.893	0.029	1.9600	2.129	0.752	2.882	2262.0	25.3
MINIMUM					0.001	0.025	0.520	0.002	0.010	0.037	0.435	0.551	258.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L	361 SOLVENT EXTRBLES MG/L
12 01 78 1130			.3		915		1370	11.00	215.0	7.69	1.0	2
27 02 78 1115			.3		1133		1650	12.00	360.0	7.75	1.0	0
28 03 78 1330			.3			196	302	60.00	14.0	7.66	1.5	2
25 04 78 1355			.3		593		820	44.00	90.0	8.23	1.0	1
21 06 78 1228			.3		874		1150	38.00	183.0	7.99	1.0L	3
18 07 78 1051			.3		1316		1730	116.00	380.0	8.00	1.0L	7
09 08 78 1243			.3		4887		6450	19.00	1650.0	8.14	1.0L	0
19 09 78 1030			.3		7558		8750	16.00	2500.0	7.94	2.0	1
17 10 78 1230			.3		4087		1640	3.80	1400.0	7.77	2.5	1
29 11 78 1115			.3		2057		3020	9.40	810.0	8.16	1.0L	2
12 12 78 1200			.3		945		1260	16.00	210.0	7.93	1.0	1
MAXIMUM					7558	196	8750	116.00	2500.0	8.23	2.5	7
AVG OR GEOM MN (*)					2437	196	2558	31.38	710.2	7.93	1.30	2
MINIMUM					593	196	302	3.80	14.0	7.66	1.0	0
NO OF SAMPLES					10	1	11	11	11	11	11	11

STATION ID: 04-0027-010-02

B.O.W./ SITE: BEAR CREEK
SAMPLE POINT: AT HIGHWAY 21 2 MILES NORTH EAST OF PETROLIA
STATION TYPE: RIVER FLOW GAUGE FED 02GG006

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 10 LAT: LONG: U T M: 17 0408250.0 4749815.0 4 REGION: 01 MILEAGE: 45.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
12 01 78 1450			.3		40004	4	18.00	990.	220.	650.		0.2	10.2	1.1
27 02 78 1400			.3		40040	4	9.00					1.0	8.0	1.2
28 03 78 1215			.3		40061	6 3	392.00	1400.	12.	1500. G	4. L	0.0	13.7	1.8
25 04 78 1440			.3		40099	6	69.20	200.	16.	100. L	4. L	12.0	12.0	1.0
21 06 78 1436			.3		40143	5 7	7.00	900.	248.	124.	4. L	25.2	14.7	3.9
18 07 78 1130			.3		40169	5 7	0.57	100.	10.	60.	4. L	26.0		2.6
09 08 78 1139			.3		40195	5 7	0.72	7000.	4.	48.	4. L	23.0	7.9	3.6
19 09 78 1100			.3		40221	5 7	7.30	350.	28.	380.	10. L	17.8	8.2	3.6
17 10 78 1315			.3		40252	6	2.30	200.	10. L	10.	4. L	7.8	10.5	1.7
29 11 78 1230			.3		40282	6	7.50	420.	20.	80.	4. L	2.2	11.0	1.7
12 12 78 1315			.3		40302	4	29.70	1100.	120.	560.	4. L	0.2	12.6	2.1
MAXIMUM							392.00	7000.	248.	1500.	10.	26.0	14.7	3.9
AVG OR GEOM MN (*)							49.39	596.*	28.* D	150.* E	4.* D	10.5	10.9	2.2
MINIMUM							0.57	100.	4.	10.	4.	0.0	7.9	1.0
NO OF SAMPLES							11	10	10	10	9	11	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
12 01 78 1450			.3		0.062	0.028	0.185	0.640	0.023	5.230	5.438	0.455	5.893	448.0
27 02 78 1400			.3		0.090	0.073	0.490	0.770	0.019	3.000	3.509	0.280	3.789	448.0
28 03 78 1215			.3		0.165	0.105	0.275	0.975	0.043	3.600	3.918	0.700	4.618	254.0
25 04 78 1440			.3		0.104	0.029	0.045	0.550	0.036	4.900	4.981	0.505	5.486	416.0
21 06 78 1436			.3		0.110	0.006	0.040	0.775	0.017	0.740	0.797	0.735	1.532	464.0
18 07 78 1130			.3		0.161	0.033	0.110	1.000	0.019	0.020	0.149	0.890	1.039	534.0
09 08 78 1139			.3		0.164	0.030	0.060	1.360	0.013	0.020	0.093	1.300	1.393	404.0
19 09 78 1100			.3		0.089	0.030	0.105	0.755	0.022	0.250	0.377	0.650	1.027	358.0
17 10 78 1315			.3		0.038	0.005	0.055	0.580	0.002	0.010L	0.067	0.525	0.592	362.0
29 11 78 1230			.3		0.037	0.013	0.025	0.420	0.009	0.570	0.604	0.395	0.999	470.0
12 12 78 1315			.3		0.094	0.045	0.210	0.790	0.100	14.400	14.710	0.580	15.290	624.0
MAXIMUM					0.165	0.105	0.490	1.360	0.100	14.400	14.710	1.300	15.290	624.0
AVG OR GEOM MN (*)					0.101	0.036	0.145	0.783	0.028	2.976D	3.149	0.638	3.787	434.7
MINIMUM					0.037	0.005	0.025	0.420	0.002	0.010	0.067	0.280	0.592	254.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

B.O.W./ SITE: BEAR CREEK
SAMPLE POINT: AT HIGHWAY 21 2 MILES NORTH EAST OF PETROLIA
STATION TYPE: RIVER   FLOW GAUGE FED 02GG006

STATION ID: 04-0027-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 10   LAT: LONG: U T M: 17 0408250.0 4749815.0 4   REGION: 01   MILEAGE: 45.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L	361 SOLVENT EXTRBLES MG/L
12 01 78 1450			.3		9.0	439		770	7.70	37.5	7.80	1.0L	3
27 02 78 1400			.3		5.5	443		795	9.50	39.5	7.81	1.0	1
28 03 78 1215			.3		15.0		254	390	41.00	11.5	7.85	1.5	0
25 04 78 1440			.3		60.0	356		560	57.00	19.0	8.24	1.0L	0
21 06 78 1436			.3		60.0	404		555	44.00	25.0	8.15	1.0L	1
18 07 78 1130			.3		136.0	398		539	88.00	26.5	8.22	1.0L	1
09 08 78 1139			.3		48.0	356		491	65.00	28.5	7.87	1.0L	1
19 09 78 1100			.3		68.0	290		457	85.00	37.5	7.94		1
17 10 78 1315			.3		1.5	360		450	10.00	22.0	8.06	1.5	3
29 11 78 1230			.3		4.5	465		710	9.10	60.0	7.97	1.0L	1
12 12 78 1315			.3		6.0	618		850	9.60	72.0	8.06	1.5	0
MAXIMUM					136.0	618	254	850	88.00	72.0	8.24	1.5	3
AVG OR GEOM MN (*)					37.6	413	254	597	38.72	34.5	8.00	1.2D	1
MINIMUM					1.5	290	254	390	7.70	11.5	7.80	1.0	0
NO OF SAMPLES					11	10	1	11	11	11	11	10	11

B.O.W./ SITE: BROWN CREEK
SAMPLE POINT: FIRST CONCESSION SOUTH OF WATFORD
STATION TYPE: RIVER   FLOW GAUGE MOE 02GA105

STATION ID: 04-0027-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO: 11   LAT: LONG: U T M: 17 0429140.0 4753275.0 4   REGION: 01   MILEAGE: 72.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 01 78 1520			.3		40005	4	230.	8.	40.		0.2	10.2	0.6	0.155
27 02 78 1510			.3		40041	4					1.0	12.4	1.4	0.232
21 06 78 1613			.3		40145	6 9	10400.	40.	100.	4. L	24.4	9.5	2.8	0.152
18 07 78 1242			.3		40171	6	400.	10. L	120.	8.	25.1		1.2	0.410
09 08 78 0951			.3		40197	6	7200.	156.	320.	4.	21.2	7.1	4.0	0.250
19 09 78 1200			.3		40223	6	20000.	210.	436.	110.	17.5	8.7	4.2	0.146
17 10 78 1440			.3		40254	6	40.	10. L	30.	4. L	9.0	12.1	1.1	0.070
29 11 78 1350			.3		40284	6 8	1100.	10.	360.	4. L	1.8	12.7	1.8	0.470
12 12 78 1445			.3		40304	4	600. G	68.	220.	4. L	0.3	12.2	1.3	0.220
MAXIMUM							20000.	210.	436.	110.	25.1	12.7	4.2	0.470
AVG OR GEOM MN (*)							1175.* U	30.* D	141.*	7.* D	11.2	10.6	2.0	0.234
MINIMUM							40.	8.	30.	4.	0.2	7.1	0.6	0.070
NO OF SAMPLES							8	8	8	7	9	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78 1520			.3		0.140	0.165	0.550	0.035	4.920	5.120	0.385	5.505	386.0	4.0
27 02 78 1510			.3		0.205	0.235	0.690	0.009	2.700	2.944	0.455	3.399	422.0	0.5
21 06 78 1613			.3		0.027	0.015	1.040	0.004	0.010L	0.029	1.025	1.054	364.0	51.0
18 07 78 1242			.3		0.187	0.040	1.540	0.010	0.010	0.060	1.500	1.560	396.0	72.0
09 08 78 0951			.3		0.009	0.010	1.430	0.003	0.010L	0.023	1.420	1.443	426.0	81.0
19 09 78 1200			.3		0.131	0.220	0.905	0.047	0.140	0.407	0.685	1.092	484.0	55.0
17 10 78 1440			.3		0.014	0.025	0.860	0.013	0.320	0.358	0.835	1.193	436.0	5.5
29 11 78 1350			.3		0.400	0.065	0.990	0.040	3.600	3.705	0.925	4.630	510.0	5.0
12 12 78 1445			.3		0.164	0.060	0.750	0.078	26.400	26.538	0.690	27.228	592.0	5.0
MAXIMUM					0.400	0.235	1.540	0.078	26.400	26.538	1.500	27.228	592.0	81.0
AVG OR GEOM MN (*)					0.142	0.093	0.973	0.027	4.230D	4.340	0.880	5.230	446.2	31.0
MINIMUM					0.009	0.010	0.550	0.003	0.010	0.023	0.385	1.054	364.0	0.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
12 01 78 1520			.3		382	660	4.80	21.5	7.74	0.220	1.0L	0.020L	0.010	0.030L
27 02 78 1510			.3		422	665	4.50	22.5	7.84		10.0L	0.020	0.010L	0.030L
21 06 78 1613			.3		313	467	32.00	20.0	8.03	2.320	1.0L	0.020L	0.010L	0.030L
18 07 78 1242			.3		324	476	84.00	28.0	8.12	4.880	1.0L	0.02 L	0.01	0.03 L
09 08 78 0951			.3		345	535	80.00	37.5	7.28	4.000	1.0L	0.020	0.010L	0.030L
19 09 78 1200			.3		429	519	210.00	37.0	8.07	12.300	1.0L	0.020L	0.020	0.030L
17 10 78 1440			.3		430	578	20.00	38.5	7.91	1.200	2.0		0.020	0.030L
29 11 78 1350			.3		505	705	14.00	63.0	8.29	0.760			0.020	0.030L
12 12 78 1445			.3		587	825	7.30	48.0	7.90	0.350	1.0L		0.020	0.030L
MAXIMUM					587	825	210.00	63.0	8.29	12.300	10.0	0.020	0.020	0.030
AVG OR GEOM MN (*)					415	603	50.73	35.1	7.91	3.254	2.3D	0.020D	0.014D	0.030D
MINIMUM					313	467	4.50	20.0	7.28	0.220	1.0	0.020	0.010	0.030
NO OF SAMPLES					9	9	9	9	9	8	8	6	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
12 01 78 1520			.3		0.010L	0.020L
27 02 78 1510			.3		0.010	0.070
21 06 78 1613			.3		0.010L	0.020L
18 07 78 1242			.3		0.02	0.02
09 08 78 0951			.3		0.110	0.020
19 09 78 1200			.3		0.010L	0.020
17 10 78 1440			.3		0.010	0.020L
29 11 78 1350			.3		0.010	0.020L
12 12 78 1445			.3		0.010	0.020L
MAXIMUM					0.110	0.070
AVG OR GEOM MN (*)					0.022D	0.026D
MINIMUM					0.010	0.020
NO OF SAMPLES					9	9

```
 B.O.W./ SITE: SYDENHAM RIVER                                                             STATION ID:  04-0027-012-02
 SAMPLE POINT: AT FIRST CONCESSION ROAD NORTH OF ALVINSTON
 STATION TYPE: RIVER   FLOW GAUGE FED 02GG002          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                         003
                                                       TERM STREAM: SYDENHAM RIVER                                    2980

STN NO:      12     LAT:              LONG:             U T M: 17 0430400.0 4742200.0 4    REGION: 01             MILEAGE:    60.30

                                    934       901      444        80        81        84         88        805         3          1
SAMP DTE HOUR   STN  STN SAMP  PJ  SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH        NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
                FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML   MF/100ML    DEG C       MG/L       MG/L

12 01 78 1030               .3     40000    4         18.00   5400.      332.       220.        4.  L     0.7       10.2        0.7
27 02 78 1030               .3     40036    4          9.00                                               1.7       11.4        1.7
28 03 78 1510               .3     40066    6 3      392.00    700.       20.      1500.  G     4.  L     1.2       12.0        1.7
21 06 78 1143               .3     40138    6          7.00   1500.      520.       870.        4.  L    22.2        7.6        1.5
18 07 78 1311               .3     40172    6          0.57    500.       80.        50.        4.  L    22.9                   1.1
09 08 78 0930               .3     40198    6          0.72   2000.       28.       108.        4.  L    22.5        7.1        1.0
19 09 78 1230               .3     40224    6          7.30   5200.      336.       384.        4.       18.0       10.0        1.3
17 10 78 1500               .3     40255    6          2.30     10.  L    10.  L     10.  L     4.  L     8.0       16.8        1.3
29 11 78 1400               .3     40285    6          7.50    270.       10.  L     40.        4.  L     1.3       15.0        1.3
12 12 78 1500               .3     40305    6         29.70    600.  G    40.        96.        4.  L     0.0       14.2        1.7

                       MAXIMUM                       392.00   5400.      520.      1500.        4.       22.9       16.8        1.7
           AVG OR GEOM MN (*)                         47.41    713.* E    60.* D    142.* E     4.* D     9.9       11.6        1.3
                       MINIMUM                         0.57     10.       10.        10.        4.        0.0        7.1        0.7

                NO OF SAMPLES                            10        9         9          9         9        10          9         10

                                     33       34        19        20        21        22         17        18         23          5
SAMP DTE HOUR   STN  STN SAMP  PJ  TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL    TOTAL N      TOTAL
DY MO YR LMT    DIST BRG DEPTH         P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N                SOLIDS
                FEET      MTRS      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L       MG/L       MG/L

12 01 78 1030               .3     0.064     0.043     0.260     0.600     0.019     3.130     3.409     0.340      3.749      342.0
27 02 78 1030               .3     0.083     0.057     0.295     0.640     0.014     2.500     2.809     0.345      3.154      376.0
28 03 78 1510               .3     0.146     0.082     0.275     0.890     0.033     2.370     2.678     0.615      3.293      252.0
21 06 78 1143               .3     0.164     0.039     0.065     0.660     0.043     1.450     1.558     0.595      2.153      474.0
18 07 78 1311               .3     0.132     0.036     0.035     0.630     0.013     1.000     1.048     0.595      1.643      456.0
09 08 78 0930               .3     0.115     0.026     0.055     0.560     0.012     0.950     1.017     0.505      1.522      426.0
19 09 78 1230               .3     0.116     0.034     0.040     0.635     0.017     1.250     1.307     0.595      1.902      324.0
17 10 78 1500               .3     0.033     0.010     0.025     0.450     0.013     1.100     1.138     0.425      1.563      368.0
29 11 78 1400               .3     0.052     0.033     0.075     0.480     0.022     2.230     2.327     0.405      2.732      416.0
12 12 78 1500               .3     0.074     0.036     0.090     0.690     0.039     9.700     9.829     0.600     10.429      440.0

                       MAXIMUM     0.164     0.082     0.295     0.890     0.043     9.700     9.829     0.615     10.429      474.0
           AVG OR GEOM MN (*)      0.098     0.040     0.122     0.624     0.023     2.568     2.712     0.502      3.214      387.4
                       MINIMUM     0.033     0.010     0.025     0.450     0.012     0.950     1.017     0.340      1.522      252.0

                NO OF SAMPLES         10        10        10        10        10        10        10        10         10         10

                                      6         7      107        14        16        56         55
SAMP DTE HOUR   STN  STN SAMP  PJ   SUSP.     DISS.  CALCUL      COND.     TURB.  CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH     SOLIDS    SOLIDS  D-SOLIDS     25C  FORMAZIN      MG/L    AT LAB
                FEET      MTRS      MG/L      MG/L  MG/L        UMHOS     UNITS

12 01 78 1030               .3       2.0       340                620      4.30      17.0      7.88
27 02 78 1030               .3       8.0       368                605      8.50      13.5      7.99
28 03 78 1510               .3      28.0                 257      396     28.00       9.0      7.88
21 06 78 1143               .3      85.0       389                550     53.00      15.0      8.00



18 07 78 1311               .3      55.0       401                538     48.00      15.5      8.30
09 08 78 0930               .3      68.0       358                515     70.00      15.0      8.14
19 09 78 1230               .3      38.5       285                500     40.00      14.5      8.17
17 10 78 1500               .3       1.5       366                530      2.20      20.0      8.28
29 11 78 1400               .3       5.5       410                610      5.50      25.0      8.35
12 12 78 1500               .3      11.0       329                660      9.80      25.5      8.13

                       MAXIMUM      85.0       410       257      660     70.00      25.5      8.35
           AVG OR GEOM MN (*)       30.3       361       257      552     26.93      17.0      8.11
                       MINIMUM       1.5       285       257      396      2.20       9.0      7.88

                NO OF SAMPLES         10         9         1       10        10        10        10


 B.O.W./ SITE: WELLAND SHIP CANAL                                                         STATION ID:  06-0014-001-02
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE ONTARIO                                      004
                                                       TERM STREAM: WELLAND SHIP CANAL                                5170

STN NO:       1     LAT:              LONG:             U T M: 17 0645025.0 4786890.0 4    REGION: 02             MILEAGE:     2.00

                                    934       901       80        81        84       805          3          1         33          34
SAMP DTE HOUR   STN  STN SAMP  PJ  SAMPLE       SCD    TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY      TOTAL    FILTERED
DY MO YR LMT    DIST BRG DEPTH        NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2        BOD          P    REACTIVE
                FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L       MG/L       MG/L      P MG/L

02 02 78 1345               .3     38333    4         370.        8.       32.        2.5       11.2        1.6      0.024      0.011
01 03 78 1445               .3     38381    4          10.        8.       28.        1.0       14.3        0.2      0.024      0.013
22 03 78 1345               .3     38421    6        9000.       40.      100.        2.8       12.0        1.6      0.044      0.021
20 04 78 1340               .3     38461    6          70.        8.        8.        4.9       14.0        0.2      0.038      0.001L
25 05 78 1205               .3     38503    6          70.        2.  L    10.  L    14.0       13.4        1.0      0.064      0.005
19 06 78 1315               .3     38543    6          60.        4.  L     4.       20.0        9.4        0.8      0.032      0.006
10 07 78 1425               .3     38585    6         150.       30.       22.       23.0        8.9        2.8      0.038      0.012
28 08 78 1550               .3     38628    6         110.       16.       20.       24.0        8.9        0.8      0.034      0.006
11 09 78 1000               .3     38669    6         100.       32.        8.       21.7        8.3        0.2      0.038      0.004
31 10 78 1515               .3     38708    6        2300.       20.       36.       12.5       12.0        0.8      0.036      0.013
28 11 78 1415               .3     38733    6         200.       10.       20.        5.2       13.7                 0.028      0.008
12 12 78 1235               .3     38771    6          20.       10.  L    30.        3.8       15.4        0.2      0.070      0.019

                       MAXIMUM                       9000.       40.      100.       24.0       15.4        2.8      0.070      0.021
           AVG OR GEOM MN (*)                         152.*      11.* D    19.* D    11.3       11.8        0.9      0.039      0.0100
                       MINIMUM                         10.        2.        4.        1.0        8.3        0.2      0.024      0.001

                NO OF SAMPLES                          12        12        12         12         12         11         12         12
```

(C O N T D)

```
 B.O.W./ SITE: WELLAND SHIP CANAL                                                       STATION ID:  06-0014-001-02
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                       004
                                                      TERM STREAM: WELLAND SHIP CANAL                                 5170

STN NO:      1    LAT:              LONG:             U T M: 17 0645025.0 4786890.0 4     REGION: 02          MILEAGE:      2.00

                                          19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

02 02 78 1345              .3         0.046     0.330     0.007     0.225     0.278     0.284     0.562     235.0       7.9       227
01 03 78 1445              .3         0.054     0.330     0.013     0.262     0.329     0.276     0.605     221.0       3.9       217
22 03 78 1345              .3         0.162     0.530     0.014     0.506     0.682     0.368     1.050     243.0      14.0       229
20 04 78 1340              .3         0.026     0.40      0.005     0.220     0.251     0.374     0.625     219.       24.        195
25 05 78 1205              .3         0.030     0.340     0.005     0.160     0.195     0.310     0.505     226.0      39.0       187
19 06 78 1315              .3         0.038     0.310     0.008     0.240     0.286     0.272     0.558     208.0      16.0       192
10 07 78 1425              .3         0.046     0.320     0.011     0.270     0.327     0.274     0.601     210.0      22.0       188
28 08 78 1550              .3         0.030     0.380     0.008     0.090     0.128     0.350     0.478     203.0      20.0       183
11 09 78 1000              .3         0.030     0.180     0.006     0.075     0.111     0.150     0.261     223.0      28.0       195
31 10 78 1515              .3         0.750     1.060     0.007     0.175     0.932     0.310     1.242     228.0      17.0       211
28 11 78 1415              .3         0.026     0.32      0.005     0.190     0.221     0.294     0.515     218.       13.        205
12 12 78 1235              .3         0.030     0.48      0.009     0.281     0.320     0.450     0.770     231.0      24.0       207

                      MAXIMUM         0.750     1.060     0.014     0.506     0.932     0.450     1.242     243.0      39.0       229
           AVG OR GEOM MN (*)         0.106     0.415     0.008     0.225     0.338     0.309     0.648     222.1      19.1       203
                      MINIMUM         0.026     0.180     0.005     0.075     0.111     0.150     0.261     203.0       3.9       183

                NO OF SAMPLES            12        12        12        12        12        12        12        12        12        12

                                          14        16        56        59       280        55       208        25        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH           25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C
               FEET      MTRS         UMHOS     UNITS                MG/L  SI MG/L                 MG/L      UG/L      MG/L      MG/L

02 02 78 1345              .3           349     14.00      28.5      32.0      0.30      7.44     0.640      1.0L      6.          40
01 03 78 1445              .3           334      6.60      24.5      32.5      0.35      8.02     0.400      5.0       3.0         16
22 03 78 1345              .3           353     17.00      31.0      33.0      0.65      7.98     0.950      1.0       2.0         24
20 04 78 1340              .3           300     19.        20.5      30.5      0.20      8.19     1.25      10.        2.0         18
25 05 78 1205              .3           288     24.00      21.0      28.0      0.10      8.35     1.300      4.0       2.5         22
19 06 78 1315              .3           295     16.00      22.0      28.0      0.20      8.24     0.920      1.0L      2.0         20
10 07 78 1425              .3           290     17.00      21.5      28.5      0.50      8.18     1.100      1.0L                  26
28 08 78 1550              .3           282     16.00      22.0      27.5      0.25      8.36     0.850      1.0L      1.8         34
11 09 78 1000              .3           300      1.90      21.5      27.5      0.25      8.19     1.200      1.0L      2.5         22
31 10 78 1515              .3           325     18.00      36.0      35.5      0.55      7.98     0.800      1.0       2.8         28
28 11 78 1415              .3           315     19.        22.       32.       0.05      7.91     1.3        1.        2.6          2
12 12 78 1235              .3           320     26.00      23.       32.5      0.15      8.25     1.4        1.0L      3.         10L

                      MAXIMUM           353     26.00      36.0      35.5      0.65      8.36     1.4       10.        6.          40
           AVG OR GEOM MN (*)           313     16.21      24.5      30.6      0.30      8.09     1.009      2.3D      2.7         22D
                      MINIMUM           282      1.90      20.5      27.5      0.05      7.44     0.400      1.0       1.8          2

                NO OF SAMPLES            12        12        12        12        12        12        12        12        11        12

                                         361       265       235       221       225       229       215       249       238
SAMP DTE HOUR  STN  STN SAMP  PJ    SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL
               FEET      MTRS          MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L




02 02 78 1345              .3             0     0.001    0.040L    0.020L    0.010L    0.030L    0.005L    0.020     0.020L
20 04 78 1340              .3             0     0.001    0.06      0.02 L    0.01      0.03 L    0.005L    0.05      0.02 L
10 07 78 1425              .3             1     0.001    0.030L    0.020     0.020     0.030L    0.005L    0.020     0.020L
31 10 78 1515              .3             1     0.001    0.010L    0.02 L    0.01 L    0.03 L    0.005L    0.01 L    0.02 L

                      MAXIMUM             1     0.001    0.06      0.020     0.020     0.030     0.005     0.05      0.020
           AVG OR GEOM MN (*)             1     0.001    0.035D    0.020D    0.013D    0.030D    0.005D    0.025D    0.020D
                      MINIMUM             0     0.001    0.010     0.020     0.010     0.030     0.005     0.01      0.020

                NO OF SAMPLES             4         4         4         4         4         4         4         4         4


 B.O.W./ SITE: WELLAND SHIP CANAL                                                       STATION ID:  06-0014-002-02
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                       004
                                                      TERM STREAM: WELLAND SHIP CANAL                                 5170

STN NO:      2    LAT:              LONG:             U T M: 17 0642990.0 4749500.0 4     REGION: 02          MILEAGE:     27.00

                                         934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

01 03 78 1130              .3         38385   6        8.        2.  L     2.  L      0.8      13.8       0.2     0.019     0.009
22 03 78 1515              .3         38425   6        4.        2.  L     2.  L      1.8      11.5       0.2     0.016     0.010
20 04 78 1150              .3         38465   6       28.        2.  L     4.         3.2      12.8       0.2     0.016     0.003
25 05 78 1045              .3         38507   6        4.  L     2.  L     6.        13.5      15.0       1.0     0.019     0.005
19 06 78 1100              .3         38547   6        4.  L     2.  L     2.  L     17.5       9.6       0.4     0.017     0.003
10 07 78 1105              .3         38589   6       12.        6.        2.  L     20.5       8.1       1.0     0.021     0.002
28 08 78 1155              .3         38632   6       16.        2.       10.        22.0       8.9       0.4     0.014     0.001
11 09 78 1205              .3         38673   6        8.        2.  L     4.        21.5       7.4       0.2     0.023     0.002
31 10 78 1050              .3         38712   6        4.        2.  L     4.        11.3      10.3       0.4     0.012     0.003
28 11 78 1130              .3         38737   6       30.       10.  L    10.  L      6.0      11.4       1.0     0.017     0.006
12 12 78 1100              .3         38775   6       10.  L     4.        4.         2.5      13.6       0.2     0.060     0.012

                      MAXIMUM                         30.       10.       10.        22.0      15.0       1.0     0.060     0.012
           AVG OR GEOM MN (*)                          9.* D     3.* D     4.* D     11.0      11.1       0.5     0.021     0.005
                      MINIMUM                          4.        2.        2.         0.8       7.4       0.2     0.012     0.001

                NO OF SAMPLES                         11        11        11        11        11        11        11        11
```

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
01 03 78	1130			.3		0.008	0.230	0.002	0.258	0.268	0.222	0.490	206.0	0.7	205
22 03 78	1515			.3		0.008	0.250	0.002	0.283	0.293	0.242	0.535	207.0	5.2	202
20 04 78	1150			.3		0.008	0.26	0.002	0.185	0.195	0.252	0.447	188.	3.3	185
25 05 78	1045			.3		0.040	0.410	0.003	0.137	0.180	0.370	0.550	187.0	2.2	185
19 06 78	1100			.3		0.014	0.290	0.007	0.225	0.246	0.276	0.522	189.0	4.1	185
10 07 78	1105			.3		0.030	0.360	0.007	0.220	0.257	0.330	0.587	190.0	2.0	188
28 08 78	1155			.3		0.032	0.360	0.006	0.065	0.103	0.328	0.431	185.0	4.0	181
11 09 78	1205			.3		0.014	0.140	0.005	0.055	0.074	0.126	0.200	193.0	5.4	188
31 10 78	1050			.3		0.011	0.24	0.002	0.160	0.173	0.229	0.402	200.	4.8	195
28 11 78	1130			.3		0.014	0.28	0.002	0.173	0.189	0.266	0.455	201.	6.	195
12 12 78	1100			.3		0.028	0.32	0.004	0.286	0.318	0.292	0.610	227.	25.	202
MAXIMUM						0.040	0.410	0.007	0.286	0.318	0.370	0.610	227.	25.	205
AVG OR GEOM MN (*)						0.019	0.285	0.004	0.186	0.209	0.267	0.475	197.5	5.7	192
MINIMUM						0.008	0.140	0.002	0.055	0.074	0.126	0.200	185.0	0.7	181
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L
01 03 78	1130			.3		316	3.10	21.5	
22 03 78	1515			.3		310	2.00	21.5	1.0L
20 04 78	1150			.3		285	1.3	19.0	1. L
25 05 78	1045			.3		284	1.60	20.0	1.0L
19 06 78	1100			.3		285	1.90	20.5	1.0L
10 07 78	1105			.3		290	1.60	20.0	1.0L
28 08 78	1155			.3		278	2.10	21.0	1.0L
11 09 78	1205			.3		290	2.90	21.0	1.0L
31 10 78	1050			.3		300	3.2	21.0	1.
28 11 78	1130			.3		300	5.0	21.5	1. L
12 12 78	1100			.3		310	17.	22.	1. L
MAXIMUM						316	17.	22.	1.0
AVG OR GEOM MN (*)						295	3.79	20.8	1.0D
MINIMUM						278	1.3	19.0	1.0
NO OF SAMPLES						11	11	11	10

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 1 LAT: LONG: U T M: 17 0640900.0 4784440.0 4 REGION: 02 MILEAGE: 0.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78	1400			.3		38332	6	3700.	330.	110.	1.5	10.8	3.8	0.019	0.002
01 03 78	1430			.3		38380	6	1000.	400.	100.	1.0	14.3	0.4	0.020	0.005
22 03 78	1325			.3		38420	6	2800.	260.	350.	2.5	11.8	1.9	0.054	0.007
06 04 78	1240			.3		38460	6	1300.	80.	100.	3.4	11.8	1.0	0.029	0.002
15 05 78	1320			.3		38999	6	4700.	300.	80.	9.9	12.6	1.4	0.035	0.002
29 05 78	1430			.3		38502	6	1100.	50.	10.	17.5	11.4	2.4	0.030	0.005
22 06 78	1205			.3		38542	6	5600.	144.	152.	19.5	8.8	2.0	0.035	0.002
17 07 78	1425			.3		38584	6 9	100.	600. G	60.	23.0	8.1	0.6	0.041	0.003
08 08 78	2305			.3		19000					24.7	7.6	1.0	0.037	0.005
09 08 78	0215			.3		19013					24.2	7.5	1.4		
	0625			.3		19025		6200.	1500.	120.	24.0	7.4	1.0	0.043	0.004
	1108			.3		19043					22.5	7.6	1.2		
	1453			.3		19055					23.0	7.9	1.2		
	2045			.3		19067		35000.	49000.	324.	22.2	7.8	1.8	0.039	0.005
	2235			.3		19085					22.5	7.6	1.4		
10 08 78	0235			.3		19097					21.5	7.8	0.2		
	0545			.3		19109					21.2	7.8	1.2		
	1150			.3		19121					22.0	7.8	1.0	0.039	0.002
	1430			.3		19134					23.0	6.6	1.0		
	1840			.3		19146					23.1	8.1	1.0		
28 08 78	1520			.3		38627	6	6200.	320.	124.	23.0	8.4	1.4	0.054	0.002
21 09 78	1220			.3		38668	6	18000.	190.	190.	20.0	8.4	0.4	0.039	0.005
25 09 78	0955			.3		19300	6	31000.	2000.	120.	19.1	8.8	1.2		
26 09 78	1210			.3		19311	6	11000.	100.	324.	17.5	9.4	0.8		
31 10 78	1430			.3		38707	6	22000.	1310.	120.	12.0	10.7	2.2	0.033	0.002
15 11 78	1145			.3		38732	6	5200.	460.	50.	9.3	10.2	1.6	0.024	0.002
07 12 78	1305			.3		38770	6	2000.	130.	190.	4.1	13.3	3.0	0.054	0.009
MAXIMUM								35000.	49000.	350.	24.7	14.3	3.8	0.054	0.009
AVG OR GEOM MN (*)								4357.*	409.* U	115.*	16.9	9.3	1.4	0.037	0.004
MINIMUM								100.	50.	10.	1.0	6.6	0.2	0.019	0.002
NO OF SAMPLES								17	17	17	27	27	27	17	17

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 1 LAT: LONG: U T M: 17 0640900.0 4784440.0 4 REGION: 02 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78 1400			.3		0.006	0.300	0.003	0.165	0.174	0.294	0.468	216.0	4.8	
01 03 78 1430			.3		0.038	0.320	0.006	0.214	0.258	0.282	0.540	217.0	3.2	
22 03 78 1325			.3		0.002L	0.460	0.009	0.331	0.342	0.458	0.800	227.0	18.0	
06 04 78 1240			.3		0.021	0.390	0.007	0.220	0.248	0.369	0.617	219.0	11.0	
15 05 78 1320			.3		0.002L	0.340	0.005	0.210	0.217	0.338	0.555	221.0	16.0	205
29 05 78 1430			.3		0.040	0.33	0.006	0.105	0.151	0.290	0.441	209.	14.	
22 06 78 1205			.3		0.004	0.310	0.008	0.210	0.222	0.306	0.528	219.0	24.0	
17 07 78 1425			.3		0.176	0.360	0.007	0.138	0.321	0.184	0.505	220.0	25.0	
08 08 78 2305			.3		0.026	0.300	0.005	0.112	0.143	0.274	0.417	229.0	34.0	195
09 08 78 0625			.3		0.030	0.360	0.005	0.102	0.137	0.330	0.467	228.0	33.0	195
2045			.3		0.026	0.340	0.005	0.095	0.126	0.314	0.440	222.0	24.0	198
10 08 78 0235			.3									209.0	21.0	188
1150			.3		0.028	0.340	0.004	0.096	0.128	0.312	0.440	219.0	21.0	198
1840			.3									212.0	14.0	198
28 08 78 1520			.3		0.014	0.510	0.007	0.090	0.111	0.496	0.607	218.0	28.0	
21 09 78 1220			.3		0.004	0.470	0.007	0.115	0.126	0.466	0.592	227.0	32.0	
25 09 78 0955			.3									226.0	28.0	
26 09 78 1210			.3									216.0	21.0	
31 10 78 1430			.3		0.005	0.290	0.005	0.155	0.165	0.285	0.450	217.0	22.0	
15 11 78 1145			.3		0.006	0.280	0.003	0.157	0.166	0.274	0.440	224.0	22.0	
07 12 78 1305			.3		0.016	0.360	0.005	0.280	0.301	0.344	0.645	236.0	34.0	
MAXIMUM					0.176	0.510	0.009	0.331	0.342	0.496	0.800	236.0	34.0	205
AVG OR GEOM MN (*)					0.026D	0.356	0.006	0.164	0.196	0.330	0.527	220.5	21.4	197
MINIMUM					0.002	0.280	0.003	0.090	0.111	0.184	0.417	209.	3.2	188
NO OF SAMPLES					17	17	17	17	17	17	17	21	21	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
02 02 78 1400			.3		211	325	6.30	23.0	30.0	0.20	7.33	0.260	16.0	
01 03 78 1430			.3		214	330	5.20	22.0	32.5	0.20	7.87	0.310	15.0	
22 03 78 1325			.3		209	321	16.00	23.0	33.5	0.50	8.01	0.780	18.0	
06 04 78 1240			.3		208	320	6.30	21.5	32.5	0.25	7.98	0.340	15.0	
15 05 78 1320			.3			315	11.00	20.5	36.0		8.23	0.460	28.0	127.0
29 05 78 1430			.3		195	300	4.4	21.5	32.0	0.10	8.29	0.66	13.	
22 06 78 1205			.3		195	300	16.00	21.5	30.5	0.10	8.24	0.690	13.0	
17 07 78 1425			.3		195	300	16.00	21.5	32.0	0.25	8.04	1.100	17.0	
08 08 78 2305			.3			300	14.00	21.5	31.0		8.14		11.0	
09 08 78 0625			.3			300	15.00	21.5	31.5		8.02	0.980	13.0	
1108			.3			300								
1453			.3			300								
2045			.3			305	10.00	21.5	32.5		7.80	1.100	26.5	
2235			.3			315								
10 08 78 0235			.3			290							20.5	
0545			.3			305								
1150			.3			305	12.00	21.5	31.5		7.82		14.0	
1430			.3			305								
1840			.3			305							15.0	
28 08 78 1520			.3		190	293	14.00	21.5	28.5	0.20	8.04	1.150	16.0	
21 09 78 1220			.3		195	300	2.40	21.0	26.0	0.30	7.97	0.720	11.0	
25 09 78 0955			.3		198	305			30.5		7.92		27.0	
26 09 78 1210			.3		195	300			29.0		7.91		25.0	
31 10 78 1430			.3		195	300	19.00	24.0	30.0	0.25	8.08	0.590	11.0	
15 11 78 1145			.3		202	310	6.00	21.5	28.5	0.05	7.91	0.240	9.0	
07 12 78 1305			.3		202	310	24.00	22.5	32.0	0.15	7.94	1.300	17.0	
MAXIMUM					214	330	24.00	24.0	36.0	0.50	8.29	1.300	28.0	127.0
AVG OR GEOM MN (*)					200	306	11.62	21.8	31.1	0.21	7.98	0.712	16.7	127.0
MINIMUM					190	290	2.40	20.5	26.0	0.05	7.33	0.240	9.0	127.0
NO OF SAMPLES					14	26	17	17	19	12	19	15	21	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
02 02 78 1400			.3					4.	44		0.001	0.040L		0.020L
01 03 78 1430			.3					2.0	12					
22 03 78 1325			.3					3.0	24					
06 04 78 1240			.3					3.6	23	1	0.001	0.03		0.04 L
15 05 78 1320			.3		36.00	9.00	15	3.2	31	1	0.001	0.020L	0.200	0.020L
29 05 78 1430			.3					2.9	20					
22 06 78 1205			.3					3.0	19					
17 07 78 1425			.3					3.0	26	1	0.001	0.380		0.020L
08 08 78 2305			.3					2.8	15			0.020L	2.200	
09 08 78 0215			.3					3.6	26					
0625			.3				19	3.4	28	0				
1108			.3					2.8	15					
1453			.3					3.2	10L					
2045			.3				12	3.8	19	0	0.001	0.020L	0.860	0.040
2235			.3					4.5	21					
10 08 78 0235			.3					3.	21					
0545			.3					3.1	23					
1150			.3					3.0	16			0.020L	0.550	
1430			.3					3.2	43					
1840			.3					3.1	35					
28 08 78 1520			.3					2.8	43					
21 09 78 1220			.3					2.6	19					
25 09 78 0955			.3				14	3.2	19			0.010L	0.870	
26 09 78 1210			.3				14	3.0	18			0.020L	0.840	
31 10 78 1430			.3					3.6	21	1	0.001	0.010L		0.02 L
15 11 78 1145			.3					9.4	57					
07 12 78 1305			.3					3.2	33					
MAXIMUM					36.00	9.00	19	9.4	57	1	0.001	0.380	2.200	0.04
AVG OR GEOM MN (*)					36.00	9.00	15	3.4	25D	1	0.001	0.057D	0.920	0.027D
MINIMUM					36.00	9.00	12	2.0	10	0	0.001	0.010	0.200	0.020
NO OF SAMPLES					1	1	5	27	27	6	6	10	6	6

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN
02 02 78	1400			.3		0.010L	0.030L	0.005L	0.010L		0.020L	
06 04 78	1240			.3		0.01 L	0.03 L	0.005L	0.01 L		0.02 L	
15 05 78	1320			.3		0.010L	0.030L	0.005L	0.010L	0.018	0.060	0.01L
17 07 78	1425			.3		0.020	0.030L	0.005L	0.010L		0.020L	
08 08 78	2305			.3		0.050			0.020L	0.040	0.040L	
09 08 78	2045			.3		0.010	0.030L	0.005L	0.010		0.020	0.01L
10 08 78	0235			.3						0.036		
	1150			.3		0.020L			0.010L		0.040L	
25 09 78	0955			.3		0.010L			0.010L			
26 09 78	1210			.3		0.020			0.010L			
31 10 78	1430			.3		0.01 L	0.03	0.005L	0.01 L		0.02 L	
MAXIMUM						0.050	0.030	0.005	0.020	0.040	0.060	0.01
AVG OR GEOM MN (*)						0.017D	0.030D	0.005D	0.011D	0.031	0.030D	0.01D
MINIMUM						0.010	0.030	0.005	0.010	0.018	0.020	0.01
NO OF SAMPLES						10	6	6	10	3	8	2

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 2 LAT: LONG: U T M: 17 0641375.0 4779900.0 4 REGION: 02 MILEAGE: 3.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78	1440			.3		38331	6 9 0	3700.	370.	170.	2.4	10.2	2.0	0.030	
01 03 78	1415			.3		38379	6	4900.	740.	170.	1.0	14.4	0.4	0.021	0.002
22 03 78	1215			.3		38419	6 9	2600.	900.	220.	2.0	11.8	2.3	0.048	0.006
06 04 78	1200			.3		38459	6 9	3000.	500.	270.	2.5	12.2	1.4	0.027	0.002
15 05 78	1210			.3		38998	6 9 0	3600.	660.	130.	9.0	12.9	1.6	0.041	0.003
29 05 78	1410			.3		38501	6 9	1900.	60.	70.	15.5	11.6	2.4	0.032	0.005
22 06 78	1150			.3		38541	6 9	13800.	860.	370.	19.0	9.3	3.0	0.052	0.002
17 07 78	1350			.3		38583	6 9	11000.	2900.	300.	22.0	8.2	1.2	0.058	0.009
08 08 78	2225			.3		19002					25.0	7.8	0.8		
09 08 78	0145			.3		19015					25.0	7.7	1.6		
	0550			.3		19027		6700.	490.	80.	24.8	7.6	1.6	0.036	0.005
	1040			.3		19045					22.2	7.9	1.6		
	1428			.3		19057					23.8	7.8	3.0		
	1945			.3		19069		47000.	2500.	284.	23.0	8.2	5.2	0.066	0.006
	2210			.3		19087					23.0	8.4	1.2		
10 08 78	0210			.3		19099					21.8	8.1	1.0		
	0525			.3		19111					21.8	8.1	1.2		
	1110			.3		19123					22.7	7.8	1.6	0.050	0.006
	1405			.3		19136					22.8	7.2	6.0		
	1810			.3		19148					23.0	7.9	2.4		
28 08 78	1720			.3		38626	6	7000.	1000.	70.	23.0	8.3	1.6	0.072	0.002
21 09 78	1205			.3		38667	6 9 0	15000.	1100.	180.	19.8	8.4	1.4	0.035	0.002
25 09 78	1010			.3		19301	6 0	12000.	300.	72.	18.2	9.0	1.0		
26 09 78	1155			.3		19312	6 0				18.0	9.4	1.0		
31 10 78	1215			.3		38706	6 9 0	24000.	1700.	190.	11.6	10.8	2.8	0.025	0.002
15 11 78	1140			.3		38731	6 0	2000.	200.	100.	9.2	12.0	1.0	0.024	0.003
07 12 78	1205			.3		38769	6 9 0	1200.	110.	260.	4.0	13.5	2.0	0.062	0.009
MAXIMUM								47000.	2900.	370.	25.0	14.4	6.0	0.072	0.009
AVG OR GEOM MN (*)								6066.*	584.*	160.*	16.9	9.5	1.9	0.042	0.004
MINIMUM								1200.	60.	70.	1.0	7.2	0.4	0.021	0.002
NO OF SAMPLES								16	16	16	27	27	27	16	15

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78	1440			.3		0.012	0.320	0.003	0.182	0.197	0.308	0.505	217.0	6.0	
01 03 78	1415			.3		0.022	0.340	0.005	0.220	0.247	0.318	0.565	218.0	4.2	
22 03 78	1215			.3		0.002L	2.650	0.007	0.313	0.322	2.648	2.970	227.0	19.0	
06 04 78	1200			.3		0.008	0.380	0.006	0.210	0.224	0.372	0.596	218.0	16.0	
15 05 78	1210			.3		0.002L	0.380	0.006	0.210	0.218	0.378	0.596	220.0	18.0	202
29 05 78	1410			.3		0.036	0.34	0.005	0.130	0.171	0.304	0.475	214.	19.	
22 06 78	1150			.3		0.006	0.400	0.008	0.225	0.239	0.394	0.633	224.0	32.0	
17 07 78	1350			.3		0.010	0.520	0.007	0.005L	0.022	0.510	0.532	232.0	34.0	
08 08 78	2225			.3		0.028	0.400	0.005	0.103	0.136	0.372	0.508	227.0	35.0	192
09 08 78	0550			.3		0.034	0.330	0.005	0.107	0.146	0.296	0.442	227.0	32.0	195
	1945			.3		0.042	0.450	0.005	0.110	0.157	0.408	0.565	238.0	43.0	195
10 08 78	0210			.3									228.0	30.0	198
	1110			.3		0.056	0.350	0.003	0.102	0.161	0.294	0.455	222.0	24.0	198
	1810			.3									230.0	22.0	208
28 08 78	1720			.3		0.008	0.460	0.008	0.050	0.066	0.452	0.518	238.0	30.0	
21 09 78	1205			.3		0.002	0.400	0.007	0.135	0.144	0.398	0.542	222.0	27.0	
25 09 78	1010			.3									221.0	26.	
26 09 78	1155			.3									223.0	28.0	
31 10 78	1215			.3		0.004	0.40	0.004	0.170	0.178	0.396	0.574	218.	18.	
15 11 78	1140			.3		0.006	0.300	0.004	0.161	0.171	0.294	0.465	219.0	21.0	
07 12 78	1205			.3		0.018	0.400	0.005	0.280	0.303	0.382	0.685	248.0	37.0	
MAXIMUM						0.056	2.650	0.008	0.313	0.322	2.648	2.970	248.0	43.0	208
AVG OR GEOM MN (*)						0.017D	0.519	0.005	0.160D	0.182	0.501	0.684	225.3	24.8	198
MINIMUM						0.002	0.300	0.003	0.005	0.022	0.294	0.442	214.	4.2	192
NO OF SAMPLES						17	17	17	17	17	17	17	21	21	7

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 2 LAT: LONG: U T M: 17 0641375.0 4779900.0 4 REGION: 02 MILEAGE: 3.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
02 02 78	1440			.3		211	324	6.40	22.5	29.5					
01 03 78	1415			.3		214	330	5.60	22.5	33.0					
22 03 78	1215			.3		208	320	15.00	22.5	32.0	0.55	2.5	98	7.91	0.820
06 04 78	1200			.3		202	310	7.20	21.0	30.0	0.25	1.2	98	8.00	0.480
15 05 78	1210			.3			310	11.00	20.5	36.0				8.23	0.880
29 05 78	1410			.3		195	300	5.5	21.	33.0	0.20	0.	93	8.36	0.42
22 06 78	1150			.3		192	295	17.00	21.0	30.5	0.05	0.0	94	8.32	0.750
17 07 78	1350			.3		198	305	18.00	21.0	33.0	0.30	0.6	93	8.24	1.300
08 08 78	2225			.3			295	14.00	21.0	30.5				8.22	
09 08 78	0550			.3			300	15.00	21.5	30.5				8.36	1.000
	1040			.3			295								
	1428			.3			310								
	1945			.3			300	18.00	21.0	30.5				7.94	1.300
	2210			.3			305								
10 08 78	0210			.3			305								
	0525			.3			300								
	1110			.3			305	11.00	21.5	32.0				7.94	
	1405			.3			320								
	1810			.3			320								
28 08 78	1720			.3		208	320	19.00	22.0	37.0	0.30	0.0	98	8.26	0.940
21 09 78	1205			.3		195	300	14.00	21.0	28.0	0.30	1.5	97	8.07	0.860
25 09 78	1010			.3		195	300			29.0				8.03	
26 09 78	1155			.3		195	300			29.0				7.83	
31 10 78	1215			.3		200	310	11.	22.	28.	0.10	1.8	98	8.01	0.56
15 11 78	1140			.3		198	305	7.50	21.5	28.0	0.05	1.0	99	8.09	0.630
07 12 78	1205			.3		211	325	29.00	22.5	32.0	0.35	3.3	105	7.92	1.400
MAXIMUM						214	330	29.00	22.5	37.0	0.55	3.3	105	8.36	1.400
AVG OR GEOM MN (*)						202	308	13.19	21.5	31.1	0.25	1.2	97	8.10	0.872
MINIMUM						192	295	5.5	20.5	28.0	0.05	0.	93	7.83	0.42
NO OF SAMPLES						14	26	17	17	19	10	10	10	17	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L
22 03 78	1215			.3		17.0	132.0	39.00	8.50	20	1.50	15.00		85	
06 04 78	1200			.3		17.0	135.0	40.00	8.50	15	1.45	12.00		21	
15 05 78	1210			.3		20.0	127.0	36.00	9.00	10			3.6	35	1
29 05 78	1410			.3		28.	125.	37.	8.0	15	1.45	13.		12	
22 06 78	1150			.3		15.0	120.0	35.00	8.00	20	1.55	15.00		10L	
17 07 78	1350			.3		42.0	115.0	32.00	8.50	44	1.60	14.00		30	
08 08 78	2225			.3		11.0								32	
09 08 78	0145			.3									3.4	25	
	0550			.3		18.0				24			3.8	23	
	1040			.3									2.8	17	
	1428			.3									4.8	26	
	1945			.3		13.0				15			3.2	26	
	2210			.3									3.2	19	
10 08 78	0210			.3		19.0							3.2	30	
	0525			.3									2.8	25	
	1110			.3		14.0							3.3	12	
	1405			.3									5.6	64	
	1810			.3		30.0							4.5	37	
28 08 78	1720			.3		17.0	125.0	36.00	8.50	27	1.30	16.00		45	
21 09 78	1205			.3		10.0	123.0	36.00	8.00	8	1.45	11.00		19	
25 09 78	1010			.3		18.0				14			2.8	19	
26 09 78	1155			.3		27.0				15			3.0	23	
31 10 78	1215			.3		11.	123.	37.	7.5	13	1.45	11.		10L	
15 11 78	1140			.3		11.0	118.0	34.00	8.00	11	1.60	12.00		53	
07 12 78	1205			.3		17.0	137.0	40.00	9.00	27	1.90	13.00		29	
MAXIMUM						42.0	137.0	40.00	9.00	44	1.90	16.00	5.6	85	1
AVG OR GEOM MN (*)						18.7	125.5	36.55	8.32	19	1.53	13.20	3.6	29D	1
MINIMUM						10.0	115.0	32.00	7.5	8	1.30	11.00	2.8	10	1
NO OF SAMPLES						19	11	11	11	15	10	10	14	25	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
22 03 78	1215			.3										0.032	
06 04 78	1200			.3										0.014	
15 05 78	1210			.3			0.020L							0.022	
29 05 78	1410			.3										0.018	
22 06 78	1150			.3										0.029	
17 07 78	1350			.3										0.044	
08 08 78	2225			.3			0.030	2.000		0.040			0.030	0.040	0.040L
09 08 78	0550			.3										0.038	
	1945			.3		0.001	0.020L	1.200	0.040L	0.020	0.030L	0.005L	0.020	0.040	0.020L
10 08 78	1110			.3			0.020	0.560		0.020L			0.010L	0.030	0.040L
28 08 78	1720			.3										0.060	
21 09 78	1205			.3										0.040	
25 09 78	1010			.3			0.010L	1.100		0.010L			0.010L		
26 09 78	1155			.3			0.020L	0.980		0.010			0.010L		
31 10 78	1215			.3										0.020	
15 11 78	1140			.3										0.024	
07 12 78	1205			.3										0.042	
MAXIMUM						0.001	0.030	2.000	0.040	0.040	0.030	0.005	0.030	0.060	0.040
AVG OR GEOM MN (*)						0.001	0.020D	1.168	0.040D	0.020D	0.030D	0.005D	0.016D	0.033	0.033D
MINIMUM						0.001	0.010	0.560	0.040	0.010	0.030	0.005	0.010	0.014	0.020
NO OF SAMPLES						1	6	5	1	5	1	1	5	15	3

B.O.W./ SITE: OLD WELLAND CANAL
SAMPLE POINT: AT GLENRIDGE AVE ST. CATHARINES.
STATION TYPE: RIVER

STATION ID: 06-0017-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 3 LAT: LONG: U T M: 17 0642550.0 4779100.0 4 REGION: 02 MILEAGE: 4.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78	1420			.3		38330	6 9 0	50000E+1	22000.	9000.	9.0	6.7	145.0	0.200	0.010
01 03 78	1400			.3		38378	6 9 0	18000E+1	25000.	11000.	6.5	10.6	100.0	0.130	0.005
22 03 78	1150			.3		38418	6 9 0	80000.	25000.	14000.	8.2	9.4	75.0	0.235	0.007
06 04 78	1145			.3		38458	6 9 0	40000E+1	83000.	17000.	9.8	9.6	110.0	0.275	0.029
15 05 78	1130			.3		38993	6 9 0	46000E+2	27000.	4700.	14.5	9.1	60.0	0.615	0.008
29 05 78	1345			.3		38500	6 9 0	48000E+1	36000.	4000.	23.5	9.6	70.	0.250	0.005
22 06 78	1140			.3		38540	6 9 0	42000E+1	11000.	5000.	24.0	6.2	82.0	0.165	0.011
17 07 78	1325			.3		38582	6 9 0	36000E+1	50000.	4700.	27.0	3.1	60.0	0.160	0.008
08 08 78	2200			.3		19007					30.0	5.4	80.0	0.225	0.008
09 08 78	0130			.3		19020					29.5	5.6	80.0		
	0530			.3		19033		19000.	32000.	4000.	29.2	6.3	85.0	0.190	0.038
	1125			.3		19050					27.5	5.0	90.0		
	1414			.3		19062					28.2	6.2	55.0		
	1910			.3		19075		39000E+1	23000E+1		27.5	6.0	110.0	0.350	0.021
	2155			.3		19092					27.0	5.7	60.0		
10 08 78	0155			.3		19104					26.0	5.4	75.0		
	0515			.3		19116					25.0	5.5	70.0		
	1045			.3		19128					27.1	5.5	85.0	0.320	0.018
	1350			.3		19141					27.2	4.7	65.0		
	1800			.3		19153					27.5	5.1			
28 08 78	1620			.3		38625	6 9 0	14000E+2	7500.	2900.	28.0	2.2	120.0	1.400	
21 09 78	1150			.3		38666	6 9 0	50000E+1	1400.	1300.	25.8	2.6	80.0	0.230	0.011
25 09 78	1030			.3		19305	6 9 0	48000E+2	40000.		24.1	2.2	70.0		
26 09 78	1130			.3		19316	6 9 0	35000E+2	3800.		24.5	2.1	75.0		
31 10 78	1225			.3		38705	6 9 0	24000E+2	10000.	8000.	19.2	2.3	120.	0.37	0.034
15 11 78	1105			.3		38730	6 9 0	32000E+1	25000.	6000.	16.2	4.7	105.0	0.254	0.011
07 12 78	1145			.3		38768	6 9 0	70000.	15000.	5400.	11.5	4.7	120.0	0.450	0.026
MAXIMUM								48000E+2	23000E+1	17000.	30.0	10.6	145.0	1.400	0.038
AVG OR GEOM MN (*)								48473E+*	20866.*	5725.*	22.4	5.6	86.4	0.342	0.016
MINIMUM								19000.	1400.	1300.	6.5	2.1	55.0	0.130	0.005
NO OF SAMPLES								17	17	14	27	27	26	17	16

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78	1420			.3		0.002	2.250	0.118	0.004	0.124	2.248	2.372	877.0	64.0	813
01 03 78	1400			.3		0.002L	1.050	0.009	0.041	0.052	1.048	1.100	927.0	93.0	834
22 03 78	1150			.3		0.002L	2.250	0.030	0.310	0.342	2.248	2.590	828.0	84.0	744
06 04 78	1145			.3		0.038	2.850	0.029	0.045	0.112	2.812	2.924	823.0	153.0	670
15 05 78	1130			.3		0.002	5.100	0.016	0.115	0.133	5.098	5.231	803.0	87.0	719
29 05 78	1345			.3		0.002L	1.80	0.005	0.035	0.042	1.798	1.840	709.	68.	641
22 06 78	1140			.3		0.002	2.450	0.008	0.040	0.050	2.448	2.498	629.0	88.0	541
17 07 78	1325			.3		0.056	1.500	0.008	0.017	0.081	1.444	1.525	567.0	82.0	485
08 08 78	2200			.3		0.008	1.300	0.005	0.061	0.074	1.292	1.366	644.0	96.0	548
09 08 78	0130			.3									543.0	8.8	534
	0530			.3		0.014	1.100	0.008	0.062	0.084	1.086	1.170	562.0	8.1	554
	1125			.3									575.0	73.0	502
	1414			.3									566.0	84.0	482
	1910			.3		0.042	2.250	0.020	0.075	0.137	2.208	2.345	770.0	129.0	641
	2155			.3									339.0	92.0	247
10 08 78	0155			.3									590.0	78.0	512
	0515			.3									371.0	111.0	260
	1045			.3		0.022	2.100	0.006	0.074	0.102	2.078	2.160	679.0	92.0	587
	1350			.3									669.0	125.0	544
28 08 78	1620			.3		0.008	1.150	0.051	0.005	0.064	1.142	1.206	1785.0	147.0	1638
21 09 78	1150			.3		0.040	2.300	0.019	0.115	0.174	2.260	2.434	502.0	151.0	351
25 09 78	1030			.3									650.0	144.0	506
26 09 78	1130			.3									675.0	144.0	531
31 10 78	1225			.3		0.009	1.04	0.008	0.165	0.182	1.031	1.213	596.	112.	484
15 11 78	1105			.3		0.004	1.860	0.010	0.170	0.184	1.856	2.040	511.0	78.0	433
07 12 78	1145			.3		0.006	1.720	0.027	0.368	0.401	1.714	2.115	583.0	148.0	435
MAXIMUM						0.056	5.100	0.118	0.368	0.401	5.098	5.231	1785.0	153.0	1638
AVG OR GEOM MN (*)						0.015D	2.004	0.022	0.100	0.138	1.989	2.126	683.7	97.7	586
MINIMUM						0.002	1.04	0.005	0.004	0.042	1.031	1.100	339.0	8.1	247
NO OF SAMPLES						17	17	17	17	17	17	17	26	26	26

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 02 78	1420			.3		990	49.00	73.0	233.0						
01 03 78	1400			.3		1055	73.00	49.5	330.0						775.0
22 03 78	1150			.3		1015	39.00	57.0	240.0	1.15	10.7	207	7.67	1.450	1100.0
06 04 78	1145			.3		830	47.00	42.5	217.0	0.80	4.3	157	7.89	1.200	1600.0
15 05 78	1130			.3		950	33.00	32.5	270.0				7.65	0.940	1000.0
29 05 78	1345			.3		860	28.00	26.5	239.	0.60	14.9	160	7.43	0.84	1300.
22 06 78	1140			.3		700	79.00	31.0	175.0	0.70	18.2	152	7.65	1.080	675.0
17 07 78	1325			.3		650	43.00	25.5	183.0	0.45	14.7	130	7.32	1.700	2300.0
08 08 78	2200			.3		700	66.00	30.0	180.0				7.52		750.0
09 08 78	0130			.3		660									850.0
	0530			.3		650	49.00	30.5	160.0				7.45	0.750	950.0
	1125			.3		640									750.0
	1414			.3		600									775.0
	1910			.3		780	51.00	32.5	215.0				7.25	2.500	1100.0
	2155			.3		380									800.0
10 08 78	0155			.3		680									750.0
	0515			.3		400									750.0
	1045			.3		740	55.00	30.0	227.0				7.02		700.0
	1350			.3		700									600.0
	1800			.3											525.0
28 08 78	1620			.3		1950	12.00	41.0	650.0	1.05	0.0	327	9.12	6.000	750.0
21 09 78	1150			.3		445	55.00	33.0	75.0	0.90	23.7	108	7.07	3.950	450.0
25 09 78	1030			.3		680			168.0				7.28		1200.0
26 09 78	1130			.3		680			163.0				6.92		1550.0
31 10 78	1225			.3		550	83.	29.5	125.	0.85	18.9	107	7.24	0.56	570.
15 11 78	1105			.3		470	56.00	29.0	90.0	0.60	10.0	102	7.18	0.900	770.0
07 12 78	1145			.3		500	120.00	33.5	100.0	1.15	31.0	118	7.06	1.100	1388.0
MAXIMUM						1950	120.00	73.0	650.0	1.15	31.0	327	9.12	6.000	2300.0
AVG OR GEOM MN (*)						741	55.18	36.9	212.6	0.83	15.6	157	7.45	1.767	951.1
MINIMUM						380	12.00	25.5	75.0	0.45	0.0	102	6.92	0.56	450.0
NO OF SAMPLES						26	17	17	19	10	10	10	17	13	26

(C O N T D)

STATION ID: 06-0017-003-02

B.O.W./ SITE: OLD WELLAND CANAL
SAMPLE POINT: AT GLENRIDGE AVE ST. CATHARINES
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 3 LAT: LONG: U T M: 17 0642550.0 4779100.0 4 REGION: 02 MILEAGE: 4.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L
22 03 78 1150			.3		184.0	53.00	12.50		3.40	165.00		255		
06 04 78 1145			.3		156.0	46.00	10.00	70G	3.15	130.00		335		
15 05 78 1130			.3		139.0	41.00	9.00				47.5	223	3	0.001
29 05 78 1345			.3		137.	41.	8.5	76	2.85	145.		247		
22 06 78 1140			.3		130.0	39.00	8.00	120	2.70	105.00		281		
17 07 78 1325			.3		124.0	39.00	9.00	295	2.65	94.00		349		
08 08 78 2200			.3									274		
09 08 78 0130			.3								63.0	278		
0530			.3					200			71.0	301		
1125			.3								57.5	257		
1414			.3								54.0	243		
1910			.3					195			87.0	332		0.002
2155			.3								27.5	340		
10 08 78 0155			.3								52.0	234		
0515			.3								56.0	281		
1045			.3								62.0	360		
1350			.3								52.0	240		
1800			.3								52.0	240		
28 08 78 1620			.3		100.0	27.00	8.00		5.15	420.00		520		
21 09 78 1150			.3		144.0	43.00	9.00	183	2.90	38.00		380		
25 09 78 1030			.3					120			45.	340		
26 09 78 1130			.3					470			63.0	287		
31 10 78 1225			.3		150.	46.	8.5	84	2.60	56.		336		
15 11 78 1105			.3		134.0	39.00	9.00	167	2.70	46.00		361		
07 12 78 1145			.3		151.0	45.00	9.50	250	2.80	50.00		390		
MAXIMUM					184.0	53.00	12.50	470	5.15	420.00	87.0	520	3	0.002
AVG OR GEOM MN (*)					140.8	41.73	9.18	186U	3.09	124.90	56.4	307	3	0.002
MINIMUM					100.0	27.00	8.00	70	2.60	38.00	27.5	223	3	0.001
NO OF SAMPLES					11	11	11	12	10	10	14	25	1	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN
02 02 78 1420			.3		0.040									
01 03 78 1400			.3		0.030L									
22 03 78 1150			.3		0.060L							0.230		
06 04 78 1145			.3		0.080							0.200		
15 05 78 1130			.3		0.140	2.800	0.020L	0.080	0.030L	0.005L	0.050	0.176	0.060	0.01L
29 05 78 1345			.3									0.136		
22 06 78 1140			.3		0.03 L							0.132		
17 07 78 1325			.3		0.040L							0.168		
08 08 78 2200			.3		0.060	5.800		0.130			0.990	0.160	0.040L	
09 08 78 0530			.3		0.020L	5.400		0.260			0.650	0.160	0.040L	
1910			.3		0.040	6.400	0.040L	0.120	0.030L	0.005L	0.150	0.240	0.020L	0.01L
10 08 78 1045			.3		0.060	3.400		0.110			0.100	0.146	0.040L	
28 08 78 1620			.3		0.030							1.200		
21 09 78 1150			.3		0.020L							2.200		
25 09 78 1030			.3		0.010L	3.400		0.070			0.020			
26 09 78 1130			.3		0.020L	5.900		0.120			0.030	0.069		
31 10 78 1225			.3		0.04							0.188		
15 11 78 1105			.3		0.020L							0.150		
07 12 78 1145			.3		0.020L									
MAXIMUM					0.140	6.400	0.040	0.260	0.030	0.005	0.990	2.200	0.060	0.01
AVG OR GEOM MN (*)					0.042D	4.729	0.030D	0.127	0.030D	0.005D	0.284	0.370	0.040D	0.010
MINIMUM					0.010	2.800	0.020	0.070	0.030	0.005	0.020	0.069	0.020	0.01
NO OF SAMPLES					18	7	2	7	2	2	7	15	5	2

STATION ID: 06-0017-004-02

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT GLENDALE AVE. ST CATHARINES
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 4 LAT: LONG: U T M: 17 0642275.0 4776950.0 4 REGION: 02 MILEAGE: 5.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1500			.3		38329	6	410.	12.	24.	2.0	10.4	0.6	0.020	0.006
01 03 78 1340			.3		38377	6	10. L	4. L	4.	0.8	14.5	0.2	0.007	0.008
22 03 78 1135			.3		38417	6	840.	72.	144.	1.8	11.8	0.4	0.033	0.012
06 04 78 1135			.3		38457	6	60.	4.	16.	2.2	12.6		0.030	0.003
15 05 78 1145			.3		38997	6 9	160.	10. L	10.	12.6	10.4	0.4	0.031	0.002
29 05 78 1230			.3		38499	6 9	30.	4. L	4. L	14.5	12.8	1.0	0.029	0.006
22 06 78 1130			.3		38539	6	110.	4. L	4. L	19.0	9.4	0.2	0.040	0.004
17 07 78 1310			.3		38581	6 9	210.	8.	60.	21.5	9.0	0.4	0.060	0.010
08 08 78 2140			.3		19003					24.5	8.0	0.6	0.057	0.010
09 08 78 0115			.3		19016					24.2	7.8	0.4		
0505			.3		19028		70.	4. L	44.	24.8	7.9	0.2	0.029	0.004
1000			.3		19046					22.2	8.3	0.5		
1350			.3		19058					23.0	8.2	1.0		
1820			.3		19070		1900.	400.	80.	21.8	8.1	0.4	0.048	0.006
2140			.3		19088					22.2	8.8	0.4		
10 08 78 0135			.3		19100					21.3	8.3	0.2		
0500			.3		19112					21.0	8.3	0.2		
1020			.3		19124					21.2	8.3	0.4	0.046	0.005
1330			.3		19137					22.2	7.4	0.2		
1730			.3		19149					23.0	8.4	2.2		
28 08 78 1640			.3		38624	6	5500.	100. L	24.	23.0	8.2	0.5	0.032	0.004
21 09 78 1135			.3		38665	6	300.	10. L	50.	19.8	8.4	0.6	0.033	0.003
25 09 78 1225			.3		19302	6	400.	10. L		18.0	9.1	0.2		
26 09 78 1120			.3		19313	6	370.	4.		17.5	9.7	0.4		
31 10 78 1410			.3		38704	6	110.	4. L	8.	10.8	11.1	0.4	0.025	0.003
15 11 78 1050			.3		38729	6	30.	4. L	20.	9.3	9.8	0.4	0.022	0.002
07 12 78 1115			.3		38767	6	230.	12.	68.	3.8	13.7	1.0	0.048	0.012

(C O N T D)

```
                                         934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
                FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

                       MAXIMUM                             5500.      400.      144.      24.8      14.5       2.2     0.060     0.012
            AVG OR GEOM MN (*)                           190.* D    10.* D    22.* D      16.6       9.6       0.5     0.035     0.006
                       MINIMUM                               10.        4.        4.       0.8       7.4       0.2     0.007     0.002

                 NO OF SAMPLES                                17        17        15        27        27        26        17        17

                                          19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT    DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
                FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 02 78 1500               .3         0.016     0.260     0.003     0.117     0.136     0.244     0.380     212.0       5.3
01 03 78 1340               .3         0.010     0.230     0.003     0.257     0.270     0.220     0.490     210.0       2.4
22 03 78 1135               .3         0.022     0.310     0.005     0.305     0.332     0.288     0.620     212.0      12.0
06 04 78 1135               .3         0.002     0.320     0.004     0.235     0.241     0.318     0.559     210.0      12.0
15 05 78 1145               .3         0.010     0.310     0.005     0.210     0.225     0.300     0.525     208.0      16.0       192
29 05 78 1230               .3         0.048     0.31      0.004     0.145     0.197     0.262     0.459     200.       15.0
22 06 78 1130               .3         0.036     0.330     0.008     0.215     0.259     0.294     0.553     219.0      30.0
17 07 78 1310               .3         0.056     0.480     0.008     0.147     0.211     0.424     0.635     221.0      33.0
08 08 78 2140               .3         0.032     0.300     0.005     0.103     0.140     0.268     0.408     217.0      29.0       188
09 08 78 0505               .3         0.036     0.320     0.004     0.103     0.143     0.284     0.427     218.0      30.0       188
         1820               .3         0.044     0.310     0.005     0.108     0.157     0.266     0.423     208.0      20.0       188
10 08 78 0135               .3                                                                               210.0      18.0       192
         1020               .3         0.036     0.300     0.004     0.096     0.136     0.264     0.400     275.0      21.0       254
         1730               .3                                                                               226.0      18.0       208
28 08 78 1640               .3         0.004     0.380     0.007     0.070     0.081     0.376     0.457     218.0      29.0
21 09 78 1135               .3         0.022     0.310     0.007     0.120     0.149     0.288     0.437     218.0      26.0
25 09 78 1225               .3                                                                               211.0      22.0
26 09 78 1120               .3                                                                               211.0      23.0
31 10 78 1410               .3         0.011     0.25      0.002     0.185     0.198     0.239     0.437     215.       17.
15 11 78 1050               .3         0.012     0.300     0.002     0.168     0.182     0.288     0.470     215.0      17.0
07 12 78 1115               .3         0.020     0.340     0.005     0.280     0.305     0.320     0.625     228.0      30.0

                       MAXIMUM         0.056     0.480     0.008     0.305     0.332     0.424     0.635     275.0      33.0       254
            AVG OR GEOM MN (*)         0.025     0.315     0.005     0.168     0.198     0.291     0.489     217.2      20.3       201
                       MINIMUM         0.002     0.230     0.002     0.070     0.081     0.220     0.380     200.        2.4       188

                 NO OF SAMPLES            17        17        17        17        17        17        17        21        21         7

                                         107        14        16        56        59       280        95        52        55       208
SAMP DTE HOUR   STN  STN SAMP  PJ   CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT    DIST BRG DEPTH      D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
                FEET      MTRS      MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L

02 02 78 1500               .3           207       319      5.90      22.5      29.0
01 03 78 1340               .3           208       320      4.80      22.0      30.0
22 03 78 1135               .3           200       308     15.00      21.5      28.5      0.60       1.5        97      8.04     0.800
06 04 78 1135               .3           198       305      7.80      20.5      30.5      0.25       1.3        96      8.18     0.450
15 05 78 1145               .3                     295      9.60      20.5      29.5                                   8.23     0.550
29 05 78 1230               .3           185       285      7.50      20.5      27.0      0.45        0.        92      8.50      0.43
22 06 78 1130               .3           189       290     17.00      21.0      27.5      0.10       0.0        91      8.42     1.050
17 07 78 1310               .3           188       290     22.00      21.0      29.0      0.25       0.0        93      8.34     1.400
08 08 78 2140               .3                     290     16.00      21.0      28.5                                   8.33
09 08 78 0505               .3                     290     16.00      21.0      28.5                                   8.32     1.120



         1000               .3                     290
         1350               .3                     290
         1820               .3                     290      7.80      20.5      27.5                                   8.24     0.620
         2140               .3                     295
10 08 78 0135               .3                     295
         0500               .3                     290
         1020               .3                     390     11.00      21.0      27.5                                   8.29
         1330               .3                     295
         1730               .3                     320
28 08 78 1640               .3           189       291     13.00      21.5      27.5      0.30       0.0        94      8.32     0.880
21 09 78 1135               .3           192       295     16.00      21.0      27.0      0.25       0.3        93      8.25     0.790
25 09 78 1225               .3           189       290                          26.5                                   8.16
26 09 78 1120               .3           188       290                          26.0                                   8.10
31 10 78 1410               .3           198       305     14.        21.5      28.       0.15       0.6        99      8.11      0.59
15 11 78 1050               .3           198       305     13.00      21.5      28.0      0.20       0.4        99      8.23     0.540
07 12 78 1115               .3           198       305     29.00      22.5      32.0      0.25       1.3       105      8.16     1.400

                       MAXIMUM           208       390     29.00      22.5      32.0      0.60       1.5       105      8.50     1.400
            AVG OR GEOM MN (*)           195       301     13.26      21.2      28.3      0.28       0.6        96      8.25     0.817
                       MINIMUM           185       285      4.80      20.5      26.0      0.10        0.        91      8.04      0.43

                 NO OF SAMPLES            14        26        17        17        19        10        10        10        17        13

                                          25        76        72        74        68        67        66        47        41       361
SAMP DTE HOUR   STN  STN SAMP  PJ    PHENOLS    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM   ORGANIC       COD   SOLVENT
DY MO YR LMT    DIST BRG DEPTH                HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA    C AS C            EXTRBLES
                FEET      MTRS          UG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L

22 03 78 1135               .3          1.0L     132.0     39.00      8.50        20      1.60     13.00                 202
06 04 78 1135               .3          1.0L     132.0     39.00      8.50        10      1.45     11.00                  16
15 05 78 1145               .3          2.0      125.0     36.00      8.50        10                           2.3        37         1
29 05 78 1230               .3          3.       123.      36.        8.0         12      1.40     10.                    12
22 06 78 1130               .3          2.0      118.0     34.00      8.00        20      1.50      9.80                  12
17 07 78 1310               .3          1.0L     115.0     32.00      8.50        40      1.90     12.00                  28
08 08 78 2140               .3          1.0                                                                               17
09 08 78 0115               .3                                                                             2.4        25
         0505               .3          1.0                                       13                       2.4        15
         1000               .3                                                                             2.3        13
         1350               .3                                                                             2.4        10L
         1820               .3          1.0L                                      11                       2.4        10L
         2140               .3                                                                             2.2        17
10 08 78 0135               .3          1.0                                                                2.3        15
         0500               .3                                                                             2.2        21
         1020               .3          1.0L                                                               2.3        10
         1330               .3                                                                             2.2        47
         1730               .3          1.0L                                                               2.3        33
28 08 78 1640               .3          1.0L     127.0     36.00      9.00         8      1.60     11.00                  41
21 09 78 1135               .3          1.0      121.0     36.00      7.50         4      1.50     11.00                  25
25 09 78 1225               .3          1.0L                                      13                       2.2        33
26 09 78 1120               .3          1.0L                                      11                       2.2        18
31 10 78 1410               .3          1.       123.      36.        8.0         10      1.45     11.                    15
15 11 78 1050               .3          1.0      122.0     35.00      8.50         8      1.55     12.00                  57
07 12 78 1115               .3          1.0      132.0     38.00      9.00        25      1.95     11.00                  67

                       MAXIMUM          3.       132.0     39.00      9.00        40      1.95     13.00       2.4       202         1
            AVG OR GEOM MN (*)          1.2D     124.5     36.09      8.36        14      1.59     11.18       2.3       32D         1
                       MINIMUM          1.0      115.0     32.00      7.50         4      1.40      9.80       2.2        10         1

                 NO OF SAMPLES            19        11        11        11        15        10        10        14        25         1

                                                                                                                    ( C O N T D )
```

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT GLENDALE AVE, ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 4 LAT: LONG: U T M: 17 0642275.0 4776950.0 4 REGION: 02 MILEAGE: 5.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
22 03 78 1135			.3										0.028	
06 04 78 1135			.3										0.014	
15 05 78 1145			.3		0.001	0.020L	0.240	0.020L	0.010L	0.030L	0.005L	0.010L	0.018	0.060
29 05 78 1230			.3										0.016	
22 06 78 1130			.3										0.032	
17 07 78 1310			.3										0.040	
08 08 78 2140			.3			0.020L	1.500		0.040			0.020L	0.036	0.040L
09 08 78 0505			.3										0.034	
1820			.3		0.001	0.020L	0.340		0.020L	0.030L			0.020	0.020L
10 08 78 1020			.3			0.030	0.510		0.020L			0.010L	0.046	0.040L
28 08 78 1640			.3										0.040	
21 09 78 1135			.3										0.029	
25 09 78 1225			.3			0.010L	1.100		0.010L			0.010L		
26 09 78 1120			.3			0.020L	0.460		0.010			0.010L		
31 10 78 1410			.3										0.019	
15 11 78 1050			.3										0.020	
07 12 78 1115			.3										0.040	
MAXIMUM					0.001	0.030	1.500	0.020	0.040	0.030	0.005	0.020	0.046	0.060
AVG OR GEOM MN (*)					0.001	0.020D	0.692	0.020D	0.018D	0.030D	0.005D	0.012D	0.029	0.040D
MINIMUM					0.001	0.010	0.240	0.020	0.010	0.030	0.005	0.010	0.014	0.020
NO OF SAMPLES					2	6	6	1	6	2	1	5	15	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	272 AVAILBLE CYANIDE MG/L CN
15 05 78 1145			.3		0.01L
09 08 78 1820			.3		0.01L
MAXIMUM					0.01
AVG OR GEOM MN (*)					0.01D
MINIMUM					0.01
NO OF SAMPLES					2

B.O.W./ SITE: GIBSON LAKE
SAMPLE POINT: AT BEAVER DAM ROAD
STATION TYPE: LAKE

STATION ID: 06-0017-005-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 5 LAT: LONG: U T M: 17 0644200.0 4773250.0 4 REGION: 02 MILEAGE: 10.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805. WATER TEMP. DLG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1515			.3		38328	6	190.	4. L	24.	2.0	10.6	0.2	0.024	0.012
01 03 78 1310			.3		38376	6	4.	4. L	4. L	1.0	14.2	0.2	0.022	0.010
22 03 78 1125			.3		38416	6	780.	40.	88.	1.5	11.7	0.8	0.033	0.013
06 04 78 1120			.3		38456	6	60.	4. L	4.	2.2	12.4		0.026	0.007
MAXIMUM							780.	40.	88.	2.2	14.2	0.8	0.033	0.013
AVG OR GEOM MN (*)							77.*	7.* D	14.* D	1.7	12.2	0.4	0.026	0.011
MINIMUM							4.	4.	4.	1.0	10.6	0.2	0.022	0.007
NO OF SAMPLES							4	4	4	4	4	3	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 02 78 1515			.3		0.014	0.240	0.003	0.172	0.189	0.226	0.415	209.0	3.1	206
01 03 78 1310			.3		0.022	0.300	0.003	0.312	0.337	0.278	0.615	208.0	1.2	207
22 03 78 1125			.3		0.022	0.320	0.005	0.300	0.327	0.298	0.625	210.0	8.6	201
06 04 78 1120			.3		0.017	0.440	0.003	0.235	0.255	0.423	0.678	205.0	10.0	195
MAXIMUM					0.022	0.440	0.005	0.312	0.337	0.423	0.678	210.0	10.0	207
AVG OR GEOM MN (*)					0.019	0.325	0.004	0.255	0.277	0.306	0.583	208.0	5.7	202
MINIMUM					0.014	0.240	0.003	0.172	0.189	0.226	0.415	205.0	1.2	195
NO OF SAMPLES					4	4	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 02 78 1515			.3		317	5.20	22.0	28.5	0.30	5.4	101	7.46	0.250	1.0L
01 03 78 1310			.3		319	3.40	22.0	29.0	0.25	1.9	103	7.94	0.130	1.0L
22 03 78 1125			.3		309	14.00	21.5	29.0	0.40	1.5	97	8.08	0.720	1.0L
06 04 78 1120			.3		300	6.60	20.5	28.5	0.25	0.7	96	8.20	0.460	6.0
MAXIMUM					319	14.00	22.0	29.0	0.40	5.4	103	8.20	0.720	6.0
AVG OR GEOM MN (*)					311	7.30	21.5	28.8	0.30	2.4	99	7.92	0.390	2.3D
MINIMUM					300	3.40	20.5	28.5	0.25	0.7	96	7.46	0.130	1.0
NO OF SAMPLES					4	4	4	4	4	4	4	4	4	4

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
02 02 78 1515			.3		123.0	37.00	7.50	10	1.45	9.30	51	0.007
01 03 78 1310			.3		134.0	39.00	9.00	10	1.40	11.00	22	0.005
22 03 78 1125			.3		132.0	39.00	8.50	20	1.60	12.00	63	0.024
06 04 78 1120			.3		132.0	39.00	8.50	10	1.45	11.00	16	0.014
MAXIMUM					134.0	39.00	9.00	20	1.60	12.00	63	0.024
AVG OR GEOM MN (*)					130.3	38.50	8.38	13	1.48	10.83	38	0.013
MINIMUM					123.0	37.00	7.50	10	1.40	9.30	16	0.005
NO OF SAMPLES					4	4	4	4	4	4	4	4

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT FIRST STREET LOUTH TOWNSHIP NEAR POWER GLEN
STATION TYPE: RIVER

STATION ID: 06-0017-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

STN NO: 7 LAT: LONG: U T M: 17 0640425.0 4774825.0 4 REGION: 02 MILEAGE: 7.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP, DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1530			.3		38327	6	840.	16.	164.	2.0	9.9	0.2	0.036	0.014
01 03 78 1330			.3		38375	4	264.	124.	440.	0.8	13.6	0.2	0.008	0.008
22 03 78 1110			.3		38415	3	5800.	180.	280.	2.0	11.2	2.0	0.252	0.058
06 04 78 1110			.3		38455	6	500.	30.	240.	5.2	13.0	1.2	0.027	0.009
29 05 78 1130			.3		38497	8	330.	40.	60.	22.0	8.0	1.4	0.041	0.006
22 06 78 1105			.3		38537	3	10500.	1210.	1500. G	19.0	8.1	1.8	0.216	0.041
17 07 78 1245			.3		38579	8	240.	16.	100.	21.0	10.1	0.5	0.056	0.013
08 08 78 2125			.3		19004					23.0	8.2	0.6	0.104	0.068
09 08 78 0105			.3		19017					23.0	7.8	0.8		
0450			.3		19029		2800.	124.	470.	22.2	7.1	0.5	0.105	0.031
0950			.3		19047					20.2	7.3	1.2		
1335			.3		19059					22.5	7.9	1.2		
1800			.3		19071		2100.	200.	252.	21.2	8.4	0.8	0.076	0.023
2135			.3		19089					21.2	8.6	0.5		
10 08 78 0125			.3		19101					20.0	7.8	0.5		
0455			.3		19113					18.8	7.4	0.8		
1000			.3		19125					19.0	7.8	1.0	0.222	0.041
1320			.3		19138					21.2	7.8	0.6		
1725			.3		19150					23.0	8.9	0.8		
28 08 78 1700			.3		38622	8	2100.	328.	224.	22.0	8.8	0.6	0.098	0.032
21 09 78 1115			.3		38663	3	2400.	280.	310.	19.4	8.2	1.2	0.120	0.051
31 10 78 1245			.3		38702	6	500.	20.	10. L	9.0	13.2	1.2	0.028	0.011
15 11 78 1030			.3		38727	6	690.	80.	360.	7.3	11.8	0.4	0.024	0.005
07 12 78 1055			.3		38765	3	770.	150.	350.	3.4	14.1	0.8	0.062	0.025
MAXIMUM							10500.	1210.	1500.	23.0	14.1	2.0	0.252	0.068
AVG OR GEOM MN (*)							1108.*	95.*	215.* E	16.2	9.4	0.9	0.092	0.027
MINIMUM							240.	16.	10.	0.8	7.1	0.2	0.008	0.005
NO OF SAMPLES							14	14	14	24	24	24	16	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78 1530			.3		0.038	0.270	0.007	0.813	0.858	0.232	1.090	365.0	8.2	357
01 03 78 1330			.3		0.012	0.190	0.006	0.944	0.962	0.178	1.140	370.0	3.0	367
22 03 78 1110			.3		0.166	1.060	0.027	1.450	1.643	0.894	2.537	336.0	149.0	
06 04 78 1110			.3		0.008	0.410	0.009	0.650	0.667	0.402	1.069	366.0	25.0	341
29 05 78 1130			.3		0.078	0.44	0.018	0.400	0.496	0.362	0.858	386.	17.	369
22 06 78 1105			.3		0.102	0.760	0.039	0.645	0.786	0.658	1.444	450.0	114.0	336
17 07 78 1245			.3		0.009	0.360	0.009	0.411	0.429	0.351	0.780	371.0	26.0	345
08 08 78 2125			.3		0.038	0.370	0.012	0.393	0.443	0.332	0.775	409.0	46.0	363
09 08 78 0450			.3		0.048	0.420	0.011	0.631	0.690	0.372	1.062	395.0	51.0	344
1800			.3		0.046	0.420	0.011	0.674	0.731	0.374	1.105	434.0	49.0	385
10 08 78 0125			.3									404.0	48.0	356
1000			.3		0.050	0.600	0.009	0.791	0.850	0.550	1.400	410.0	57.0	353
1725			.3									386.0	48.0	338
28 08 78 1700			.3		0.044	0.310	0.016	0.695	0.755	0.266	1.021	413.0	54.0	359
21 09 78 1115			.3		0.020	0.560	0.015	1.030	1.065	0.540	1.605	435.0	47.0	388
31 10 78 1245			.3		0.005	0.25	0.004	0.530	0.539	0.245	0.784	399.	10.	389
15 11 78 1030			.3		0.002	0.180	0.005	0.470	0.477	0.178	0.655	370.0	9.0	361
07 12 78 1055			.3		0.012	0.420	0.009	1.240	1.261	0.408	1.669	377.0	13.0	364
MAXIMUM					0.166	1.060	0.039	1.450	1.643	0.894	2.537	450.0	149.0	389
AVG OR GEOM MN (*)					0.042	0.439	0.013	0.735	0.791	0.396	1.187	393.1	43.0	360
MINIMUM					0.002	0.180	0.004	0.393	0.429	0.178	0.655	336.0	3.0	336
NO OF SAMPLES					16	16	16	16	16	16	16	18	18	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L
02 02 78 1530			.3			590	7.10	25.5	68.0					
01 03 78 1330			.3			595	4.30	17.0	75.0					
22 03 78 1110			.3		187	288	91.00	14.0	31.0					
06 04 78 1110			.3			530	11.00	23.5	64.0					
29 05 78 1130			.3			550	9.5	14.5	64.					
22 06 78 1105			.3			520	59.00	14.5	60.0					
17 07 78 1245			.3			520	16.00	14.5	69.0					
08 08 78 2125			.3			540	31.00	14.5	64.0	8.18		1.0L		2.
09 08 78 0105			.3											2.2
0450			.3			540	28.00	14.0	65.0	8.34	2.600	1.0L	29	2.1
0950			.3			530								2.3
1335			.3			530								2.2
1800			.3			530	27.00	13.5	64.0	8.26	2.200	1.0L	40	2.2
2135			.3			530								2.0
10 08 78 0125			.3			520						1.0L		2.0
0455			.3			530								2.0
1000			.3			530	31.00	13.5	65.0	8.19		1.0L		2.0
1320			.3			530								2.0
1725			.3			540						1.0L		2.2
28 08 78 1700			.3			495	27.00	14.0	61.0					2.2

(C O N T D)

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT FIRST STREET LOUTH TOWNSHIP NEAR POWER GLEN
STATION TYPE: RIVER

STATION ID: 06-0017-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02 004 5130

STN NO: 7 LAT: LONG: U T M: 17 0640425.0 4774825.0 4 REGION: 02 MILEAGE: 7.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L
21 09 78	1115			.3			570	31.00	24.5	75.0					2.2
31 10 78	1245			.3			580	8.5	17.5	72.					2.2
15 11 78	1030			.3			590	7.40	18.5	87.0					2.2
07 12 78	1055			.3			540	26.00	22.0	75.0					2.2
MAXIMUM						187	595	91.00	25.5	87.0	8.34	2.600	1.0	40	2.3
AVG OR GEOM MN (*)						187	531	25.93	17.2	66.2	8.24	2.400	1.0D	35	2.1
MINIMUM						187	288	4.30	13.5	31.0	8.18	2.200	1.0	29	2.
NO OF SAMPLES						1	23	16	16	16	4	2	6	2	17

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
08 08 78	2125			.3		65		0.020L	4.400		0.020L			0.020L	0.134
09 08 78	0105			.3		28									
	0450			.3		19									0.144
	0950			.3		15									
	1335			.3		13									
	1800			.3		10	0.003	0.040	2.100	0.040L	0.010L	0.030L	0.005L	0.010L	0.134
	2135			.3		23									
10 08 78	0125			.3		23									
	0455			.3		21									
	1000			.3		10		0.020L	3.200		0.030			0.010L	0.078
	1320			.3		43									
	1725			.3		33									
28 08 78	1700			.3		33									
21 09 78	1115			.3		33									
31 10 78	1245			.3		33									
15 11 78	1030			.3		33									
07 12 78	1055			.3		33									
MAXIMUM						65	0.003	0.040	4.400	0.040	0.030	0.030	0.005	0.020	0.144
AVG OR GEOM MN (*)						28	0.003	0.027D	3.233	0.040D	0.020D	0.030D	0.005D	0.013D	0.123
MINIMUM						10	0.003	0.020	2.100	0.040	0.010	0.030	0.005	0.010	0.078
NO OF SAMPLES						17	1	3	3	1	3	1	1	3	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
08 08 78	2125			.3		0.040L
09 08 78	1800			.3		0.020L
10 08.78	1000			.3		0.040L
MAXIMUM						0.040
AVG OR GEOM MN (*)						0.033D
MINIMUM						0.020
NO OF SAMPLES						3

B.O.W./ SITE: TWELVE MILE CREEK
SAMPLE POINT: AT DECEW ROAD
STATION TYPE: RIVER

STATION ID: 06-0017-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02 004 5130

STN NO: 8 LAT: LONG: U T M: 17 0641300.0 4775300.0 4 REGION: 02 MILEAGE: 6.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 05 78	1210			.3		38498	6	100.	4. L	4. L	14.0	13.2	1.0	0.031	0.005
22 06 78	1115			.3		38538	6	290.	4.	8.	18.5	9.2	0.6	0.037	0.002
17 07 78	1255			.3		38580	6	90.	4.	4.	21.0	9.8	0.2	0.038	0.002
08 08 78	2105			.3		19005					25.1	7.7	0.8	0.048	0.006
09 08 78	0100			.3		19018					24.5	7.7	0.6		
	0430			.3		19030		130.	4. L	36.	24.1	8.3	0.4	0.034	0.005
	0940			.3		19048					22.0	8.0	0.4		
	1330			.3		19060					23.2	8.0	0.5		
	1730			.3		19072		170.	60.	22.	22.2	8.2	0.2	0.031	0.005
	2130			.3		19090					22.3	8.3	0.2		
10 08 78	0115			.3		19102					21.3	8.0	0.2		
	0450			.3		19114					21.0	8.1	0.2		
	0945			.3		19126					20.9	7.9	0.4	0.030	0.005
	1315			.3		19139					22.0	7.9	0.2		
	1710			.3		19151					22.9	7.3	0.2		
28 08 78	1650			.3		38623	6	400.	28.	8.	23.0	8.4	0.4	0.031	0.006
21 09 78	1120			.3		38664	6	500.	4.	4.	20.0	8.2	0.6	0.034	0.008
25 09 78	1210			.3		19303	6	310.	2. L		18.2	10.0	0.5		
26 09 78	1030			.3		19314	6	252.	2. L		17.8	9.1	0.4		
31 10 78	1250			.3		38703	6	180.	4. L	4. L	11.3	10.5	0.8	0.030	0.003
15 11 78	1040			.3		38728	6	210.	4. L	20.	9.2	10.5	0.2	0.024	0.003
07 12 78	1105			.3		38766	6	120.	4.	12.	4.0	14.0	1.6	0.056	0.013
MAXIMUM								500.	60.	36.	25.1	14.0	1.6	0.056	0.013
AVG OR GEOM MN (*)								200.*	5.* D	9.* D	19.5	9.0	0.5	0.035	0.005
MINIMUM								90.	2.	4.	4.0	7.3	0.2	0.024	0.002
NO OF SAMPLES								12	12	10	22	22	22	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
29 05 78	1210			.3		0.044	0.30	0.005	0.150	0.199	0.256	0.455	199.	14.	
22 06 78	1115			.3		0.034	0.360	0.008	0.215	0.257	0.326	0.583	217.0	28.0	
17 07 78	1255			.3		0.054	0.560	0.007	0.163	0.224	0.506	0.730	222.0	34.0	
08 08 78	2105			.3		0.028	0.290	0.005	0.099	0.132	0.262	0.394	225.0	33.0	192
09 08 78	0430			.3		0.034	0.030	0.005	0.097	0.136	0.004	0.132	216.0	28.0	188
	1730			.3		0.040	0.290	0.005	0.095	0.140	0.250	0.390	205.0	17.0	188
10 08 78	0115			.3									210.0	18.0	192
	0945			.3		0.040	0.290	0.004	0.101	0.145	0.250	0.395	210.0	18.0	192
	1710			.3									203.0	11.0	192
28 08 78	1650			.3		0.018	0.310	0.006	0.075	0.099	0.292	0.391	214.0	28.0	
21 09 78	1120			.3		0.020	0.300	0.007	0.115	0.142	0.280	0.422	216.0	24.0	
25 09 78	1210			.3									209.0	20.0	
26 09 78	1030			.3									208.0	20.0	
31 10 78	1250			.3		0.011	0.28	0.002	0.175	0.188	0.269	0.457	214.	16.	
15 11 78	1040			.3		0.014	0.280	0.002	0.158	0.174	0.266	0.440	216.0	18.0	
07 12 78	1105			.3		0.020	0.330	0.005	0.275	0.300	0.310	0.610	234.0	36.0	
MAXIMUM						0.054	0.560	0.008	0.275	0.300	0.506	0.730	234.0	36.0	192
AVG OR GEOM MN (*)						0.030	0.302	0.005	0.143	0.178	0.273	0.450	213.6	22.7	191
MINIMUM						0.011	0.030	0.002	0.075	0.099	0.004	0.132	199.	11.0	188
NO OF SAMPLES						12	12	12	12	12	12	12	16	16	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
29 05 78	1210			.3		185	285	7.6	21.	27.5	0.60	0.	92	8.54	0.42
22 06 78	1115			.3		189	290	16.00	21.0	27.0	0.10	0.0	92	8.49	0.950
17 07 78	1255			.3		188	290	19.00	21.0	28.0	0.15	0.0	93	8.31	1.300
08 08 78	2105			.3			295	13.00	21.0	29.5				8.36	
09 08 78	0430			.3			290	12.00	21.0	29.0				8.41	0.850
	0940			.3			285								
	1330			.3			290								
	1730			.3			290	10.00	21.0	27.5				8.34	0.660
	2130			.3			295								
10 08 78	0115			.3			295								
	0450			.3			290								
	0945			.3			295	10.00	21.0	28.0				8.29	
	1315			.3			295								
	1710			.3			295								
28 08 78	1650			.3		186	286	11.00	21.5	27.0	0.25	0.0	94	8.26	0.860
21 09 78	1120			.3		192	295	14.00	21.0	26.0	0.30	0.7	94	8.17	0.750
25 09 78	1210			.3		189	290			26.0				8.21	
26 09 78	1030			.3		188	290			26.0				8.16	
31 10 78	1250			.3		198	305	10.	21.5	28.	0.15	0.8	98	8.18	0.61
15 11 78	1040			.3		198	305	12.00	21.5	28.0	0.25	0.9	99	7.84	0.650
07 12 78	1105			.3		198	305	34.00	22.5	31.0	0.25	0.7	105	8.05	1.600
MAXIMUM						198	305	34.00	22.5	31.0	0.60	0.9	105	8.54	1.600
AVG OR GEOM MN (*)						191	293	14.05	21.3	27.8	0.26	0.4	96	8.26	0.865
MINIMUM						185	285	7.6	21.	26.0	0.10	0.	92	7.84	0.42
NO OF SAMPLES						10	21	12	12	14	8	8	8	14	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
29 05 78	1210			.3		1.	123.	36.	8.0	12	1.45	11.		12	
22 06 78	1115			.3		1.0	120.0	35.00	8.00	14	1.45	10.10		10L	
17 07 78	1255			.3		1.0L	115.0	32.00	8.50	36	1.65	10.70		17	
08 08 78	2105			.3		1.0L							2.2	21	
09 08 78	0100			.3									2.4	34	
	0430			.3		1.0L				7			2.6	17	
	0940			.3									2.2	15	
	1330			.3									2.4	10	
	1730			.3		1.0L				7			2.5	10L	0.001
	2130			.3									2.2	19	
10 08 78	0115			.3		1.0L							2.4	25	
	0450			.3									2.4	19	
	0945			.3		1.0L							2.2	35	
	1315			.3									2.3	41	
	1710			.3		1.0L							2.4	31	
28 08 78	1650			.3		1.0L	127.0	36.00	9.00	7	1.60	11.00		37	
21 09 78	1120			.3		1.0	123.0	36.00	8.00	2	1.50	11.00		19	
25 09 78	1210			.3		1.0L				11			2.2	25	
26 09 78	1030			.3		1.0L				11			3.0	16	
31 10 78	1250			.3		1.	123.	36.	8.0	5	1.45	11.		19	
15 11 78	1040			.3		1.0L	122.0	35.00	8.50	8	1.50	12.00		47	
07 12 78	1105			.3		1.0L	134.0	39.00	9.00	26	2.00	11.00		61	
MAXIMUM						1.	134.0	39.00	9.00	36	2.00	12.00	3.0	61	0.001
AVG OR GEOM MN (*)						1.0D	123.4	35.63	8.38	12	1.58	10.98	2.4	25D	0.001
MINIMUM						1.	115.0	32.00	8.0	2	1.45	10.10	2.2	10	0.001
NO OF SAMPLES						16	8	8	8	12	8	8	14	22	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
29 05 78	1210			.3							0.016	
22 06 78	1115			.3							0.032	
17 07 78	1255			.3							0.040	
08 08 78	2105			.3		0.020L	1.800	0.020		0.020L	0.036	0.040L
09 08 78	0430			.3							0.030	
	1730			.3		0.020L	0.230	0.020L	0.030L		0.020	0.020L
10 08 78	0945			.3		0.020L	0.400	0.030		0.010L	0.020	0.040L
28 08 78	1650			.3							0.060	
21 09 78	1120			.3							0.026	
25 09 78	1210			.3		0.010L	1.100	0.010		0.010L		
26 09 78	1030			.3		0.020L	0.700	0.020		0.010L		
31 10 78	1250			.3							0.020	
15 11 78	1040			.3							0.020	
07 12 78	1105			.3							0.040	
MAXIMUM						0.020	1.800	0.030	0.030	0.020	0.060	0.040
AVG OR GEOM MN (*)						0.018D	0.846	0.020D	0.030D	0.013D	0.030	0.033D
MINIMUM						0.010	0.230	0.010	0.030	0.010	0.016	0.020
NO OF SAMPLES						5	5	5	1	4	12	3

STATION ID: 06-0024-001-02

B.O.W./ SITE: TWENTY MILE CREEK
SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02HA006

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
004
5040

STN NO: 1 LAT: LONG: U T M: 17 0632150.0 4778780.0 4 REGION: 02 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
02 02 78 1600			.3		38326	4	27.00	10. L	10. L	30.	1.2	9.9	1.8	0.184
01 03 78 1520			.3		38374	4	13.00	200.	100.	100.	0.5	13.9	2.0	0.365
22 03 78 1055			.3		38414	3	2810.00	37000.	600.	7400.	1.0	11.8	5.0	0.455
06 04 78 1050			.3		38454	3	399.00	700.	16.	1000.	6.2	11.2	1.0	0.180
29 05 78 1105			.3		38496	8	12.70	300.	20.	40.	21.5	10.9	1.0	0.077
22 06 78 1050			.3		38536	8	1.50	840.	116.	160.	20.0	7.2	0.8	0.040
17 07 78 1135			.3		38578	8	0.04				24.0	5.6	0.5	0.055
28 08 78 1750			.3		38621	8	0.19	70.	4. L	24.	25.0	10.5	1.6	0.048
21 09 78 1055			.3		38662	6	19.30	10000.	50.	170.	20.0	8.3	2.2	0.092
31 10 78 1450			.3		38701	6	17.50	900.	10. L	20.	9.9	13.1	2.0	0.060
15 11 78 1015			.3		38726	6	11.00	190.	10. L	60.	7.0	11.8	0.8	0.026
07 12 78 1035			.3		38764	3	210.00	3500.	1100.	1050.	2.3	12.3	3.2	0.268
MAXIMUM							2810.00	37000.	1100.	7400.	25.0	13.9	5.0	0.455
AVG OR GEOM MN (*)							293.44	623.* D	41.* D	148.*	11.6	10.5	1.8	0.154
MINIMUM							0.04	10.	4.	20.	0.5	5.6	0.5	0.026
NO OF SAMPLES							12	11	11	11	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
02 02 78 1600			.3		0.160	0.518	1.240	0.024	1.580	2.122	0.722	2.844	434.0	6.7
01 03 78 1520			.3		0.135	0.158	1.900	0.015	2.080	2.253	1.742	3.995	818.0	133.0
22 03 78 1055			.3		0.160	0.340	2.120	0.057	0.918	1.315	1.780	3.095	287.0	186.0
06 04 78 1050			.3		0.090	0.233	1.200	0.044	1.350	1.627	0.967	2.594	221.0	26.0
29 05 78 1105			.3				0.80						471.	2.4
22 06 78 1050			.3		0.019	0.008	0.660	0.003	0.005	0.016	0.652	0.668	527.0	1.2
17 07 78 1135			.3		0.024	0.028	0.770	0.002	0.008	0.038	0.742	0.780	545.0	2.1
28 08 78 1750			.3		0.007	0.002L	0.650	0.002	0.005L	0.009	0.648	0.657	782.0	1.7
21 09 78 1055			.3		0.030	0.046	1.280	0.125	5.370	5.541	1.234	6.775	764.0	5.4
31 10 78 1450			.3		0.014	0.015	1.110	0.008	1.190	1.213	1.095	2.308	589.0	7.4
15 11 78 1015			.3		0.006	0.004	0.650	0.003	0.117	0.124	0.646	0.770	602.0	2.0
07 12 78 1035			.3		0.155	0.062	1.420	0.051	4.100	4.213	1.358	5.571	258.0	14.0
MAXIMUM					0.160	0.518	2.120	0.125	5.370	5.541	1.780	6.775	818.0	186.0
AVG OR GEOM MN (*)					0.073	0.129D	1.150	0.030	1.520D	1.679	1.053	2.732	524.8	32.3
MINIMUM					0.006	0.002	0.650	0.002	0.005	0.009	0.646	0.657	221.0	1.2
NO OF SAMPLES					11	11	12	11	11	11	11	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 02 78 1600			.3		427		670	16.00	56.0	118.0	3.00	7.32	0.930	7.5
01 03 78 1520			.3		685		975	130.00	63.0	205.0	4.15	7.89	9.500	2.0
22 03 78 1055			.3			101	156	170.00	11.5	18.5	1.15	7.35	10.000	2.0
06 04 78 1050			.3			195	300	45.00	14.5	44.5	2.00	7.99	3.400	1.0L
29 05 78 1105			.3		469		650	- 2.6	51.	107.	0.80	8.43	0.10	1. L
22 06 78 1050			.3		526		740	0.90	63.0	130.0	0.15	7.95	0.050	2.0
17 07 78 1135			.3		543		760	1.50	88.0	133.0	0.90	7.86	0.090	1.0L
28 08 78 1750			.3		780		950	1.10	120.0	193.0	1.95	8.35	0.090	1.0L
21 09 78 1055			.3		759		990	4.50	83.0	236.0	1.75	8.08	0.200	1.0L
31 10 78 1450			.3		582		770	6.80	54.0	188.0	1.25	8.27	0.330	1.0
15 11 78 1015			.3		600		860	3.90	74.0	217.0	0.45	8.02	0.140	1.0
07 12 78 1035			.3			244	375	71.00	25.5	80.0	3.10	7.64	4.600	2.0
MAXIMUM					780	244	990	170.00	120.0	236.0	4.15	8.43	10.000	7.5
AVG OR GEOM MN (*)					597	180	683	37.78	58.6	139.2	1.72	7.93	2.453	1.9D
MINIMUM					427	101	156	0.90	11.5	18.5	0.15	7.32	0.050	1.0
NO OF SAMPLES					9	3	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
02 02 78 1600			.3		12.	57		0.001	0.040L	0.020L	0.050	0.030L	0.005L	0.050
01 03 78 1520			.3		10.0	16								
22 03 78 1055			.3		12.0	50								
06 04 78 1050			.3		7.8	42	1	0.001	0.04	0.04 L	0.01 L	0.03 L	0.005L	0.01 L
29 05 78 1105			.3		10.4	31								
22 06 78 1050			.3		8.2	19								
17 07 78 1135			.3		8.4	41	1	0.002	0.040L	0.020L	0.010L	0.030L	0.005L	0.010
28 08 78 1750			.3		7.5	57								
21 09 78 1055			.3		9.8	46								
31 10 78 1450			.3		9.6	43	1	0.001	0.01	0.02 L	0.01 L	0.03 L	0.005L	0.01 L
15 11 78 1015			.3		5.5	64								
07 12 78 1035			.3		12.5	84								
MAXIMUM					12.5	84	1	0.002	0.040	0.04	0.050	0.030	0.005	0.050
AVG OR GEOM MN (*)					9.5	46	1	0.001	0.033D	0.025D	0.020D	0.030D	0.005D	0.020D
MINIMUM					5.5	16	1	0.001	0.01	0.020	0.01	0.030	0.005	0.01
NO OF SAMPLES					12	12	3	4	4	4	4	4	4	4

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
02 02 78	1600			.3		0.020L
06 04 78	1050			.3		0.02 L
17 07 78	1135			.3		0.020L
31 10 78	1450			.3		0.02 L
MAXIMUM						0.020
AVG OR GEOM MN (*)						0.020D
MINIMUM						0.020
NO OF SAMPLES						4

B.O.W./ SITE: TWENTY MILE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF SMITHVILLE
STATION TYPE: RIVER

STATION ID: 06-0024-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
004
5040

STN NO: 2 LAT: LONG: U T M: 17 0619070.0 4771750.0 4 REGION: 02 MILEAGE: 17.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78	1700			.3		38324	4				1.0	6.3	0.8	0.101	0.052
01 03 78	1610			.3		38372	4	270.	20.	72.	2.5	14.5	0.2	0.062	0.037
22 03 78	0945			.3		38412	3	7600.	700.	8900.	0.5	9.2	3.4	0.268	0.150
06 04 78	0940			.3		38452	3	500.	40.	900.	5.0	9.7	2.0	0.155	0.097
29 05 78	1025			.3		38494	8	350.	4.	210.	22.0	12.0	1.4	0.116	0.070
22 06 78	1005			.3		38534	8	900.	440.	1400.	20.0	6.6	1.4	0.240	0.210
17 07 78	1055			.3		38576	8	300.	330.	240.	21.0	8.1	1.0	0.076	0.002
28 08 78	0950			.3		38619	7	600.	160.	470.	21.0	4.8	3.4	0.066	0.002
21 09 78	1005			.3		38660	6	4300.	670.	530.	18.2	6.8	2.6	0.220	0.096
31 10 78	0925			.3		38699	6	300.	10.	40.	8.8	13.8	1.2	0.048	0.027
15 11 78	0940			.3		38724	6	600.	10.	160.	7.2	11.9	1.6	0.096	0.055
07 12 78	0955			.3		38762	3	11200.	452.	1240.	2.2	11.2	3.4	0.184	0.100
MAXIMUM								11200.	700.	8900.	22.0	14.5	3.4	0.268	0.210
AVG OR GEOM MN (*)								940.*	85.*	424.*	10.8	9.6	1.9	0.136	0.075
MINIMUM								270.	4.	40.	0.5	4.8	0.2	0.048	0.002
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78	1700			.3		0.558	1.040	0.089	1.080	1.727	0.482	2.209	496.0	3.8	492
01 03 78	1610			.3		0.086	0.540	0.022	1.320	1.428	0.454	1.882	605.0	2.5	603
22 03 78	0945			.3		0.590	1.620	0.051	1.320	1.961	1.030	2.991	174.0	61.0	
06 04 78	0940			.3		0.203	1.200	0.045	1.950	2.198	0.997	3.195	237.0	26.0	
29 05 78	1025			.3		0.060	0.85	0.006	0.005	0.071	0.790	0.861	488.	20.	468
22 06 78	1005			.3		0.034	0.780	0.200	2.530	2.764	0.746	3.510	796.0	5.6	790
17 07 78	1055			.3		0.024	1.100	0.003	0.017	0.044	1.076	1.120	5889.0	14.0	5875
28 08 78	0950			.3		0.004	0.780	0.005	0.035	0.044	0.776	0.820	6933.0	36.0	6897
21 09 78	1005			.3		0.046	1.500	0.047	2.150	2.243	1.454	3.697	583.0	25.0	558
31 10 78	0925			.3		0.013	0.64	0.006	0.380	0.399	0.627	1.026	614.	3.8	610
15 11 78	0940			.3		0.021	0.820	0.009	0.251	0.281	0.799	1.080	633.0	4.0	629
07 12 78	0955			.3		0.160	1.360	0.048	4.700	4.908	1.200	6.108	272.0	12.0	
MAXIMUM						0.590	1.620	0.200	4.700	4.908	1.454	6.108	6933.0	61.0	6897
AVG OR GEOM MN (*)						0.150	1.019	0.044	1.312	1.506	0.869	2.375	1476.7	17.8	1880
MINIMUM						0.004	0.540	0.003	0.005	0.044	0.454	0.820	174.0	2.5	468
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
02 02 78	1700			.3			760	7.40	62.0	123.0
01 03 78	1610			.3			900	5.40	52.0	173.0
22 03 78	0945			.3		113	174	91.00	13.5	18.5
06 04 78	0940			.3		211	325	50.00	15.0	46.0
29 05 78	1025			.3			670	5.7	41.5	117.
22 06 78	1005			.3			1040	4.60	100.0	225.0
17 07 78	1055			.3			6900	3.80	2025.0	900.0
28 08 78	0950			.3			7800	6.40	2450.0	950.0
21 09 78	1005			.3			780	16.00	60.0	171.0
31 10 78	0925			.3			815	5.3	49.0	213.
15 11 78	0940			.3			910	5.60	70.0	205.0
07 12 78	0955			.3		260	400	54.00	27.5	75.0
MAXIMUM						260	7800	91.00	2450.0	950.0
AVG OR GEOM MN (*)						195	1790	21.27	413.8	268.0
MINIMUM						113	174	3.80	13.5	18.5
NO OF SAMPLES						3	12	12	12	12

```
B.O.W./ SITE: TWENTY MILE CREEK                                                          STATION ID:  06-0024-004-02
SAMPLE POINT: HIGHWAY 20 DOWNSTREAM OF SMITHVILLE
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                      004
                                                     TERM STREAM: TWENTY MILE CREEK                                 5130

STN NO:      4    LAT:              LONG:             U T M: 17 0621100.0 4770400.0 4    REGION: 02          MILEAGE:   15.50

                                      934   901      80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE   SCD   TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

02 02 78 1645              .3       38325   4     5400.      632.      600.       1.8       5.6       0.8     0.137     0.070
01 03 78 1550              .3       38373   4     6800.      200.      560.       0.5      10.2       1.0     0.168     0.150
22 03 78 0955             ..3       38413   3    10100.      300.    11500.       0.5       9.3       3.8     0.306     0.165
06 04 78 0950              .3       38453   3     1100.      200.      400.       5.0       9.8       2.2     0.165     0.095
29 05 78 1035              .3       38495   8      900.      270.      150.      22.5       6.6       1.2     0.174     0.077
22 06 78 1015              .3       38535   8      800.      280.      480.      21.0       6.4       1.5     0.164     0.058
17 07 78 1100              .3       38577   8      200.       60.      230.      25.0       8.3       0.2     0.140     0.085
28 08 78 1000              .3       38620   8     4100.      650.     1500. G    22.0       5.3       4.5     0.266     0.150
21 09 78 1015              .3       38661   3    16000.     2100.     1100.      19.5       4.4       2.8     0.610     0.390
31 10 78 0940              .3       38700   3     1400.       40.      300.       8.4      10.1       1.8     0.126     0.054
15 11 78 0950              .3       38725   6     2400.      100.      600.       7.2       8.7       2.4     0.142     0.043
07 12 78 1005              .3       38763   3    11400.      320.     1420.       2.0      11.6       3.0     0.226     0.130

                      MAXIMUM                    16000.     2100.    11500.      25.0      11.6       4.5     0.610     0.390
           AVG OR GEOM MN (*)                     2696.*     250.*     686.* U   11.3       8.0       2.1     0.219     0.122
                      MINIMUM                      200.       40.      150.       0.5       4.4       0.2     0.126     0.043

                NO OF SAMPLES                        12        12        12        12        12        12        12        12

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 02 78 1645              .3      0.672     1.280     0.080     1.010     1.762     0.608     2.370     486.0       3.4       483
01 03 78 1550              .3      0.480     1.200     0.052     1.390     1.922     0.720     2.642     696.0       5.6       690
22 03 78 0955              .3      0.640     1.800     0.050     1.250     1.940     1.160     3.100     173.0      69.0
06 04 78 0950              .3      0.246     1.200     0.044     1.700     1.990     0.954     2.944     227.0      25.0
29 05 78 1035              .3      0.054      0.92     0.012     0.020     0.086     0.866     0.952      579.       33.       546
22 06 78 1015              .3      0.036     0.960     0.006     0.065     0.107     0.924     1.031    1085.0      45.0      1040
17 07 78 1100              .3      0.084     1.050     0.006     0.009     0.099     0.966     1.065    2030.0      13.0      2017
28 08 78 1000              .3      0.156     1.300     0.006     0.045     0.207     1.144     1.351    2086.0      18.0      2068
21 09 78 1015              .3      0.460     1.940     0.380     6.620     7.460     1.480     8.940     893.0      52.0       841
31 10 78 0940              .3      0.018      0.94     0.011     0.720     0.749     0.922     1.671      689.       21.       668
15 11 78 0950              .3      0.006     0.980     0.007     0.083     0.096     0.974     1.070     793.0      34.0       759
07 12 78 1005              .3      0.080     1.300     0.045     4.460     4.585     1.220     5.805     269.0       9.0

                      MAXIMUM      0.672     1.940     0.380     6.620     7.460     1.480     8.940    2086.0      69.0      2068
           AVG OR GEOM MN (*)      0.244     1.239     0.058     1.448     1.750     0.995     2.745     833.8      27.3      1012
                      MINIMUM      0.006      0.92     0.006     0.009     0.086     0.608     0.952     173.0       3.4       483

                NO OF SAMPLES         12        12        12        12        12        12        12        12        12         9

                                     107        14        16        56        59
SAMP DTE HOUR  STN  STN SAMP  PJ CALCUL       COND.     TURB.  CHLORIDE  SULPHATE
DY MO YR LMT   DIST BRG DEPTH    D-SOLIDS       25C  FORMAZIN      MG/L
               FEET      MTRS    MG/L         UMHOS     UNITS                MG/L




02 02 78 1645              .3                  745      9.70      57.0     133.0
01 03 78 1550              .3                 1000      7.20      57.0     210.0
22 03 78 0955              .3        104       160     95.00      10.5      17.5
06 04 78 0950              .3        202       310     51.00      14.5      45.0
29 05 78 1035              .3                  740       22.       61.      124.
22 06 78 1015              .3                 1380     26.00     195.0     300.0
17 07 78 1100              .3                 2400      3.80     451.0     500.0
28 08 78 1000              .3                 2190      5.60     355.0     600.0
21 09 78 1015              .3                 1100     17.00     129.0     231.0
31 10 78 0940              .3                  870       17.       71.      218.
15 11 78 0950              .3                 1050     26.00     105.0     240.0
07 12 78 1005              .3        260       400     60.00      28.0      80.0

                      MAXIMUM        260      2400     95.00     451.0     600.0
           AVG OR GEOM MN (*)        189      1029     28.36     127.8     224.9
                      MINIMUM        104       160      3.80      10.5      17.5

                NO OF SAMPLES          3        12        12        12        12


B.O.W./ SITE: TWENTY MILE CREEK                                                          STATION ID:  06-0024-005-02
SAMPLE POINT: AT COUNTY ROAD 34 WOODBURN
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                      004
                                                     TERM STREAM: TWENTY MILE CREEK                                 5040

STN NO:      5    LAT:              LONG:             U T M: 17 0602050.0 4776300.0 4    REGION: 02          MILEAGE:   35.60

                                      934   901      80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE   SCD   TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

02 02 78 0920              .3       38323   4      740.       32.       52.       3.1       2.5       1.4     0.056     0.034
01 03 78 1635              .3       38371   4      650.      332.       28.       1.0       6.3       2.8     0.040     0.029
22 03 78 0915              .3       38411   3    12700.      200.     6900.       1.0       9.8       2.2     0.250     0.100
06 04 78 0910              .3       38451   3      800.       60.     1100.       4.5       9.9               0.088     0.051
29 05 78 0920              .3       38493   8 9    310.      120.      100.      21.0       4.0       1.6     0.063     0.033
22 06 78 0915              .3       38533   8 9    790.       16.       80.      19.5       4.5       1.8     0.181     0.110
17 07 78 1005              .3       38575   7      170.       20.       60.      19.0       3.6       3.5     0.280     0.115
28 08 78 0910              .3       38618   7     4600.      140.     1220.      20.0       4.7       2.0     0.088     0.066
21 09 78 0850              .3       38659   6    13000.       30.      700.      17.0       3.5       1.4     0.200     0.185
31 10 78 0900              .3       38698   6      200.       10. L    100. L     6.8       7.7       1.0     0.029     0.014
15 11 78 0920              .3       38723   6     9000.      370.     1500. G     6.2       6.2       1.8     0.110     0.059
07 12 78 0930              .3       38761   6     6500.      290.     2100.       2.0      11.7       2.0     0.082     0.044

                      MAXIMUM                    13000.      370.     6900.      21.0      11.7       3.5     0.280     0.185
           AVG OR GEOM MN (*)                     1512.*      73.* D   326.* E   10.1       6.2       2.0     0.122     0.070
                      MINIMUM                      170.       10.       28.       1.0       2.5       1.0     0.029     0.014

                NO OF SAMPLES                        12        12        12        12        12        11        12        12
```

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78	0920			.3		0.196	0.630	0.037	3.690	3.923	0.434	4.357	441.0	4.6	436
01 03 78	1635			.3		0.146	0.540	0.041	2.550	2.737	0.394	3.131	451.0	2.0	449
22 03 78	0915			.3		0.318	1.260	0.052	2.620	2.990	0.942	3.932	199.0	59.0	
06 04 78	0910			.3		0.153	0.750	0.038	3.150	3.341	0.597	3.938	278.0	21.0	
29 05 78	0920			.3		0.044	0.76	0.004	0.005	0.053	0.716	0.769	408.	2.1	406
22 06 78	0915			.3		0.102	1.020	0.008	0.020	0.130	0.918	1.048	357.0	6.8	350
17 07 78	1005			.3		0.016	1.600	0.003	0.005L	0.024	1.584	1.608	356.0	20.0	336
28 08 78	0910			.3		0.104	1.000	0.019	0.240	0.363	0.896	1.259	286.0	29.0	
21 09 78	0850			.3		0.110	0.940	0.145	7.600	7.855	0.830	8.685	617.0	2.5	615
31 10 78	0900			.3		0.007	0.62	0.014	1.84	1.861	0.613	2.474	408.	0.6	497
15 11 78	0920			.3		0.012	0.900	0.023	1.480	1.515	0.888	2.403	473.0	7.0	466
07 12 78	0930			.3		0.070	0.800	0.037	8.660	8.767	0.730	9.497	410.0	4.0	406
MAXIMUM						0.318	1.600	0.145	8.660	8.767	1.584	9.497	617.0	59.0	615
AVG OR GEOM MN (*)						0.107	0.902	0.035	2.6550	2.797	0.795	3.592	397.8	13.2	440
MINIMUM						0.007	0.540	0.003	0.005	0.024	0.394	0.769	199.0	0.6	336
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
02 02 78	0920			.3			680	4.70	37.0	85.0
01 03 78	1635			.3			720	4.40	36.0	90.0
22 03 78	0915			.3		140	215	130.00	13.5	24.5
06 04 78	0910			.3		257	395	26.00	18.0	49.0
29 05 78	0920			.3			600	1.5	34.	61.
22 06 78	0915			.3			560	2.90	28.5	31.0
17 07 78	1005			.3			530	3.90	31.5	15.5
28 08 78	0910			.3		257	395	5.10	32.0	13.0
21 09 78	0850			.3			750	2.60	33.0	210.0
31 10 78	0900			.3			680	1.5	42.	118.
15 11 78	0920			.3			680	17.00	41.5	117.0
07 12 78	0930			.3			540	17.00	38.5	85.0
MAXIMUM						257	750	130.00	42.	210.0
AVG OR GEOM MN (*)						218	562	18.05	32.1	74.9
MINIMUM						140	215	1.5	13.5	13.0
NO OF SAMPLES						3	12	12	12	12

B.O.W./ SITE: FORTY MILE CREEK
SAMPLE POINT: DOWNSTREAM FROM TOWN OF GRIMSBY
STATION TYPE: RIVER   FLOW GAUGE MOE 02HA100

STATION ID: 06-0038-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: FORTY MILE CREEK

STORET CODE: 02
004
4780

STN NO: 1   LAT: LONG: U T M: 17 0617280.0 4783860.0 4   REGION: 02   MILEAGE: 0.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78	1730			.3		38340	4	970.	24.	156.	2.8	8.8	0.6	0.132	0.076
02 03 78	1000			.3		38388	4	130.	40.	72.	2.0	12.8	0.2	0.075	0.053
22 03 78	1640			.3		38428	3 9	8100.	210.	580.	2.5	11.8	3.6	0.316	0.155
20 04 78	1445			.3		38468	3	900.	100.	240.	6.2	12.0	0.5	0.122	0.060
25 05 78	0915			.3		38510	8	900.	120.	190.	17.0	13.5	1.0	0.128	0.074
19 06 78	1350			.3		38550	7	1400.	330.	530.	23.0	13.8	1.0	0.132	0.089
10 07 78	1510			.3		38592	7	500.	180.	140.	24.0	13.9	0.5	0.131	0.089
28 08 78	1815			.3		38635	7	2000.	180.	310.	24.0	8.8	1.0	0.180	0.140
11 09 78	1450			.3		38676	7	410.	20.	320.	26.0	17.2	0.2	0.180	0.080
26 10 78	1545			.3		38714	6	9300.	190.	270.	10.2	11.3	1.0	0.040	0.020
28 11 78	1515			.3		38739	6	300.	40.	320.	1.5	14.1	1.8	0.730	0.725
07 12 78	1350			.3		38777	3	2060.	200.	980.	2.2	13.0	2.2	0.164	0.088
MAXIMUM								9300.	330.	980.	26.0	17.2	3.6	0.730	0.725
AVG OR GEOM MN (*)								1087.*	98.*	275.*	11.8	12.6	1.1	0.194	0.137
MINIMUM								130.	20.	72.	1.5	8.8	0.2	0.040	0.020
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 02 78	1730			.3		0.490	1.390	0.033	0.785	1.308	0.900	2.208	368.0	3.8	364
02 03 78	1000			.3		0.400	1.270	0.230	2.070	2.700	0.870	3.570	1115.0	2.0	1113
22 03 78	1640			.3		0.380	1.640	0.049	0.676	1.105	1.260	2.365	202.0	96.0	
20 04 78	1445			.3		0.012	0.92	0.016	0.910	0.938	0.908	1.846	427.	8.9	418
25 05 78	0915			.3		0.042	1.060	0.014	0.466	0.522	1.018	1.540	469.0	6.5	463
19 06 78	1350			.3		0.042	0.840	0.018	0.050	0.110	0.798	0.908	700.0	2.7	697
10 07 78	1510			.3		0.030	0.730	0.005	0.025	0.060	0.700	0.760		1.9	
28 08 78	1815			.3		0.044	0.500	0.006	0.035	0.085	0.456	0.541	756.0	2.5	754
11 09 78	1450			.3		0.036	0.300	0.011	0.335	0.382	0.264	0.646	690.0	41.0	649
26 10 78	1545			.3		0.006	0.500	0.005	0.165	0.176	0.494	0.670	2338.0	2.3	2336
28 11 78	1515			.3		0.065	1.06	0.026	1.12	1.211	0.995	2.206	1395.	11.	1384
07 12 78	1350			.3		0.026	1.360	0.035	2.210	2.271	1.334	3.605	283.0	13.0	
MAXIMUM						0.490	1.640	0.230	2.210	2.700	1.334	3.605	2338.0	96.0	2336
AVG OR GEOM MN (*)						0.131	0.964	0.037	0.737	0.906	0.833	1.739	794.8	16.0	909
MINIMUM						0.006	0.300	0.005	0.025	0.060	0.264	0.541	202.0	1.9	364
NO OF SAMPLES						12	12	12	12	12	12	12	11	12	9

(CONTD)

STATION ID: 06-0038-001-02

B.O.W./ SITE: FORTY MILE CREEK
SAMPLE POINT: DOWNSTREAM FROM TOWN OF GRIMSBY
STATION TYPE: RIVER FLOW GAUGE MOE 02HA100

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: FORTY MILE CREEK

STORET CODE: 02
004
4780

STN NO: 1 LAT: LONG: U T M: 17 0617280.0 4783860.0 4 REGION: 02 MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
02 02 78 1730			.3			575	16.00	66.0	69.0	3.30	7.46	1.200	1.0L	13.
02 03 78 1000			.3			1580	6.10	225.0	335.0	3.70	8.02	0.360	1.0L	4.0
22 03 78 1640			.3		106	163	100.00	12.5	25.0	1.00	7.35	6.500	1.0	10.0
20 04 78 1445			.3			580	14.	49.	95.	0.35	8.41	0.95	1.	11.8
25 05 78 0915			.3			640	6.80	55.0	103.0	0.45	8.41	0.810	1.0L	17.0
19 06 78 1350			.3			960	2.50	133.0	171.0	1.50	8.65	0.330	1.0L	8.8
10 07 78 1510			.3				2.00	183.0	260.0	1.40	8.78	0.280	1.0L	10.0
28 08 78 1815			.3			950	1.40	155.0	158.0	2.90	8.34	0.220	1.0L	7.8
11 09 78 1450			.3			880	2.50	129.0	154.0	2.50	8.90	0.330	1.0L	7.1
26 10 78 1545			.3			2750	4.40	460.0	838.0	1.05	8.09	0.290	1.0L	4.5
28 11 78 1515			.3			2200	30.	500.	264.	3.15	7.63	1.4	3.	8.2
07 12 78 1350			.3		270	415	50.00	41.5	92.0	3.30	7.68	3.300	2.0	14.5
MAXIMUM					270	2750	100.00	500.	838.0	3.70	8.90	6.500	3.	17.0
AVG OR GEOM MN (*)					188	1063	19.64	167.4	213.7	2.05	8.14	1.331	1.3D	9.7
MINIMUM					106	163	1.40	12.5	25.0	0.35	7.35	0.220	1.0	4.0
NO OF SAMPLES					2	11	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
02 02 78 1730			.3		61	1	0.001	0.040	0.020L	0.010	0.030L	0.005L	0.010L	0.020L
02 03 78 1000			.3		42									
22 03 78 1640			.3		24									
20 04 78 1445			.3		47	0	0.001	0.07	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
25 05 78 0915			.3		54									
19 06 78 1350			.3		30									
10 07 78 1510			.3		40	1	0.004	0.030L	0.020	0.010L	0.030L	0.005L	0.010	0.020L
28 08 78 1815			.3		50									
11 09 78 1450			.3		53									
26 10 78 1545			.3		65	1	0.001	0.01	0.06	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
28 11 78 1515			.3		17									
07 12 78 1350			.3		1L									
MAXIMUM					65	1	0.004	0.07	0.06	0.010	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					40D	1	0.002	0.038D	0.030D	0.010D	0.030D	0.005D	0.010D	0.020D
MINIMUM					1	0	0.001	0.01	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					12	4	4	4	4	4	4	4	4	4

STATION ID: 06-0060-001-02

B.O.W./ SITE: BRONTE CREEK
SAMPLE POINT: HIGHWAY 2. BRONTE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

STN NO: 1 LAT: LONG: U T M: 17 0604125.0 4804925.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1245			.3		37209	4	400.	20.	80.	0.0	13.0	3.5	0.840	0.005
20 02 78 1430			.3		37225	4	300.	4. L	50.	0.0	13.0	3.0	0.060	0.007
22 03 78 1100			.3		37241	4	2700.	130.	370.	0.0	14.0	9.0	0.196	0.019
18 04 78 1300			.3		37257	8	48.	10. L	10. L	10.0	9.0	0.2	0.043	0.019
24 05 78 1245			.3		37273	8	88.	36.	8.	17.0	10.0	1.0	0.032	0.003
27 06 78 1145			.3		37289	8	2200.	70.	72.	24.0	7.0	1.0	0.500	0.005
18 07 78 1245			.3		37305	6 B	800.	2. L	74.	21.5	7.0	1.0	0.056	0.027
22 08 78 1300			.3		37321	6 B	700.	40.	72.	20.0	9.0	1.0	0.043	0.005
27 09 78 1245			.3		37337	6	520.	2. L	70.	14.5	10.0	1.0	0.024	0.002
18 10 78 1145			.3		37353	6	640.	14.	452.	6.5	12.0	0.2	0.022	0.001
22 11 78 1100			.3		37369	6	260.	20.	32.	1.0	13.0	1.6	0.023	0.003
18 12 78 1245			.3		37385	4	260.	40.	50.	0.0	14.0	0.4	0.036	0.003
MAXIMUM							2700.	130.	452.	24.0	14.0	9.0	0.840	0.027
AVG OR GEOM MN (*)							428.*	17.* D	60.* D	9.5	10.9	1.9	0.156	0.008
MINIMUM							48.	2.	8.	0.0	7.0	0.2	0.022	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 1245			.3		0.026	2.300	0.006	1.320	1.352	2.274	3.626	823.0	421.0	402
20 02 78 1430			.3		0.010	0.940	0.008	1.640	1.658	0.930	2.588	431.0	27.0	404
22 03 78 1100			.3		0.120	1.170	0.020	0.830	0.970	1.050	2.020	424.0	251.0	
18 04 78 1300			.3		0.004	0.350	0.005	1.920	1.929	0.346	2.275	302.0	6.7	295
24 05 78 1245			.3		0.056	0.590	0.009	0.690	0.755	0.534	1.289	338.0	8.0	330
27 06 78 1145			.3		0.086	0.025	0.016	1.310	1.412	0.061	1.351	346.0	9.6	336
18 07 78 1245			.3		0.094	0.510	0.015	0.980	1.089	0.416	1.505	325.0	17.0	308
22 08 78 1300			.3		0.076	0.500	0.013	0.860	0.949	0.424	1.373	326.0	21.0	305
27 09 78 1245			.3		0.038	0.700	0.008	0.865	0.911	0.662	1.573	446.0	16.0	430
18 10 78 1145			.3		0.028	0.490	0.008	1.540	1.576	0.462	2.038	419.0	6.5	412
22 11 78 1100			.3		0.014	0.600	0.003	1.110	1.127	0.586	1.713	437.0	14.0	423
18 12 78 1245			.3		0.022	0.610	0.004	1.500	1.526	0.588	2.114	280.0	22.0	258
MAXIMUM					0.120	2.300	0.020	1.920	1.929	2.274	3.626	823.0	421.0	430
AVG OR GEOM MN (*)					0.048	0.732	0.010	1.214	1.271	0.694	1.955	408.1	68.3	355
MINIMUM					0.004	0.025	0.003	0.690	0.755	0.061	1.289	280.0	6.5	258
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1245			.3			635	77.00	28.0
20 02 78	1430			.3			650	4.30	27.0
22 03 78	1100			.3		173	266	93.00	19.0
18 04 78	1300			.3			465	8.50	19.0
24 05 78	1245			.3			525	7.40	22.0
27 06 78	1145			.3			490	6.60	27.0
18 07 78	1245			.3			445	11.00	29.5
22 08 78	1300			.3			450	15.0	32.5
27 09 78	1245			.3			620	7.40	31.5
18 10 78	1145			.3			620	5.50	34.5
22 11 78	1100			.3			630	6.00	32.5
18 12 78	1245			.3			650	6.90	37.5
MAXIMUM						173	650	93.00	37.5
AVG OR GEOM MN (*)						173	537	20.72	28.3
MINIMUM						173	266	4.30	19.0
NO OF SAMPLES						1	12	12	12

B.O.W./ SITE: BRONTE CREEK
SAMPLE POINT: APPLEBY LINE BURLINGTON
STATION TYPE: RIVER FLOW GAUGE FED 02HB011

STATION ID: 06-0060-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

STN NO: 2 LAT: LONG: U T M: 17 0594500.0 4808450.0 4 REGION: 03 MILEAGE: 9.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1445			.3		37206	8	86.90	160.	10. L	20.	0.0	14.0	0.2	0.016
20 02 78	1300			.3		37222	4	73.10	190.	10.	10.	0.0	13.0	0.8	0.030
22 03 78	1300			.3		37238	8	448.00	3500.	170.	850.	2.0	13.0	3.0	0.179
18 04 78	1130			.3		37254	8	227.00	200.	10. L	10. L	7.0	7.0	0.2	0.019
24 05 78	1430			.3		37270	8	130.00	120.	16.	16.	20.0	12.0	0.8	0.028
27 06 78	1315			.3		37286	8	37.80	900.	80.	132.	26.0	11.0	0.4	0.020
18 07 78	1500			.3		37302	8	21.10	40.	4.	16.	26.0	9.0	0.6	0.021
23 08 78	0830			.3		37318	8	14.30	900.	280.	262.	19.0	9.0	0.4	0.031
27 09 78	1415			.3		37334	8	27.10	40.	4. L	28.	16.5	13.0	0.4	0.010
18 10 78	1315			.3		37350	8	27.50	44.	4. L	48.	6.5	12.0	0.2	0.008
22 11 78	1320			.3		37366	8	47.90	350.	20.	252.	1.0	13.0	1.4	0.010
18 12 78	1415			.3		37382	8	68.10	40.	10. L	20.	0.0	11.0	0.4	0.028
MAXIMUM								448.00	3500.	280.	850.	26.0	14.0	3.0	0.179
AVG OR GEOM MN (*)								100.73	189.*	17.* D	46.* D	10.3	11.4	0.7	0.033
MINIMUM								14.30	40.	4.	10.	0.0	7.0	0.2	0.008
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1445			.3		0.005	0.042	0.420	0.006	1.340	1.388	0.378	1.766	420.0	6.9
20 02 78	1300			.3		0.006	0.044	0.500	0.007	1.690	1.741	0.456	2.197	401.0	14.0
22 03 78	1300			.3		0.033	0.154	1.100	0.018	1.120	1.292	0.946	2.238	379.0	103.0
18 04 78	1130			.3		0.009	0.006	0.360	0.004	1.800	1.810	0.354	2.164	292.0	6.9
24 05 78	1430			.3		0.002	0.024	0.530	0.009	0.830	0.863	0.506	1.369	342.0	13.0
27 06 78	1315			.3		0.002	0.020	0.470	0.019	1.880	1.919	0.450	2.369	351.0	8.6
18 07 78	1500			.3		0.006	0.026	0.450	0.012	1.820	1.858	0.424	2.282	344.0	4.6
23 08 78	0830			.3		0.005	0.016	0.380	0.011	0.115	0.142	0.364	0.506	375.0	14.0
27 09 78	1415			.3		0.003	0.006	0.490	0.004	1.300	1.310	0.484	1.794	420.0	4.1
18 10 78	1315			.3		0.002	0.002	0.420	0.004	1.650	1.656	0.418	2.074	405.0	0.2
22 11 78	1320			.3		0.002	0.005	0.510	0.003	1.210	1.218	0.505	1.723	412.0	2.0
18 12 78	1415			.3		0.002	0.008	0.670	0.004	1.600	1.612	0.662	2.274	429.0	11.0
MAXIMUM						0.033	0.154	1.100	0.019	1.880	1.919	0.946	2.369	429.0	103.0
AVG OR GEOM MN (*)						0.006	0.029	0.525	0.008	1.363	1.401	0.496	1.896	380.8	15.7
MINIMUM						0.002	0.002	0.360	0.003	0.115	0.142	0.354	0.506	292.0	0.2
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1445			.3		413		630	4.70	23.0
20 02 78	1300			.3		387		625	5.30	26.0
22 03 78	1300			.3			276	424	62.00	39.5
18 04 78	1130			.3		285		455	2.90	16.5
24 05 78	1430			.3		329		478	3.50	20.0
27 06 78	1315			.3		342		530	4.30	23.0
18 07 78	1500			.3		339		465	2.90	24.5
23 08 78	0830			.3		361		530	8.2	27.0
27 09 78	1415			.3		416		580	3.00	26.0
18 10 78	1315			.3		405		600	1.20	28.0
22 11 78	1320			.3		410		620	2.10	28.5
18 12 78	1415			.3		418		610	50.00	29.0
MAXIMUM						418	276	630	62.00	39.5
AVG OR GEOM MN (*)						373	276	546	12.51	25.9
MINIMUM						285	276	424	1.20	16.5
NO OF SAMPLES						11	1	12	12	12

STATION ID: 06-0060-003-02

B.O.W./ SITE: MOUNTSBERG CREEK
SAMPLE POINT: AT COUNTY ROAD 18
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

STN NO: 3 LAT: LONG: U T M: 17 0578250.0 4810300.0 4 REGION: 02 MILEAGE: 27.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1530			.3		37214	8	250.	2.	10.	1.0	11.0	0.2	0.020	0.003
21 02 78 0830			.3		37230	8	300.	4.	24.	0.0	9.0	1.0	0.023	0.005
22 03 78 0900			.3		37246	8	150.	12.	8.	0.0	12.0	0.6	0.019	0.004
19 04 78 0900			.3		37262	8	192.	4.	6.	3.0	10.0	0.5	0.012	0.001L
24 05 78 0845			.3		37278	8	92.	8.	2.	17.0	8.0	1.0	0.026	0.005
27 06 78 1000			.3		37294	8	3800.	118.	146.	22.0	7.0	1.0	0.050	0.015
18 07 78 1000			.3		37310	8		30.	50.	20.0	7.0	1.8	0.084	0.010
23 08 78 1230			.3		37326	8	2000.	600.	454.	20.0	9.0	2.2	0.066	0.010
27 09 78 1015			.3		37342	0 8	300.	20.	20.	13.0	9.0	1.0	0.045	0.012
18 10 78 0930			.3		37358	8	100.	20. L	28.	5.0	10.0	0.6	0.032	0.003
22 11 78 0900			.3		37374	8	96.	10.	34.	0.0	13.0	0.2	0.026	0.007
18 12 78 1030			.3		37390	8	180.	2.	4.	0.0	11.0	0.5	0.020	0.002
MAXIMUM							3800.	600.	454.	22.0	13.0	2.2	0.084	0.015
AVG OR GEOM MN (*)							279.*	14.* D	21.*	8.4	9.7	0.9	0.035	0.006D
MINIMUM							92.	2.	2.	0.0	7.0	0.2	0.012	0.001
NO OF SAMPLES							11	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 1530			.3		0.136	0.620	0.013	0.207	0.356	0.484	0.840	399.0	1.8	397
21 02 78 0830			.3		0.232	1.070	0.010	0.201	0.443	0.838	1.281	398.0	2.4	396
22 03 78 0900			.3		0.144	0.530	0.011	0.579	0.734	0.386	1.120	327.0	2.6	324
19 04 78 0900			.3		0.006	0.390	0.005	0.400	0.411	0.384	0.795	218.0	1.0	
24 05 78 0845			.3		0.038	0.570	0.008	0.045	0.091	0.532	0.623	264.0	3.1	261
27 06 78 1000			.3		0.054	0.730	0.035	0.265	0.354	0.676	1.030	257.0	6.7	
18 07 78 1000			.3		0.036	1.030	0.007	0.133	0.176	0.994	1.170	261.0	17.0	
23 08 78 1230			.3		0.026	0.870	0.004	0.130	0.160	0.844	1.004	227.0	1.2	
27 09 78 1015			.3		0.020	0.820	0.005	0.115	0.140	0.800	0.940	229.0	3.3	226
18 10 78 0930			.3		0.002L	0.780	0.004	0.100	0.106	0.778	0.884	251.0	0.8	
22 11 78 0900			.3		0.052	0.600	0.005	0.242	0.299	0.548	0.847	321.0	5.0	316
18 12 78 1030			.3		0.020	0.710	0.004	0.171	0.195	0.690	0.885	353.0	2.0	351
MAXIMUM					0.232	1.070	0.035	0.579	0.734	0.994	1.281	399.0	17.0	397
AVG OR GEOM MN (*)					0.064D	0.727	0.009	0.216	0.289	0.663	0.952	292.1	3.9	324
MINIMUM					0.002	0.390	0.004	0.045	0.091	0.384	0.623	218.0	0.8	226
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78 1530			.3			620	2.30	24.5
21 02 78 0830			.3			630	2.30	21.5
22 03 78 0900			.3			535	2.00	25.5
19 04 78 0900			.3		217	335	1.00	11.5
24 05 78 0845			.3			405	1.70	15.0
27 06 78 1000			.3		250	385	2.40	15.5
18 07 78 1000			.3		244	375	4.60	17.0
23 08 78 1230			.3		221	340	2.6	15.5
27 09 78 1015			.3			325	2.70	13.5
18 10 78 0930			.3		250	385	1.70	14.5
22 11 78 0900			.3			470	3.70	14.0
18 12 78 1030			.3			515	2.20	18.5
MAXIMUM					250	630	4.60	25.5
AVG OR GEOM MN (*)					236	443	2.43	17.2
MINIMUM					217	325	1.00	11.5
NO OF SAMPLES					5	12	12	12

STATION ID: 06-0060-004-02

B.O.W./ SITE: MOUNTSBERG CREEK
SAMPLE POINT: AT HIGHWAY 401 ABOVE MOUNTSBERG RESERVOIR
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

STN NO: 4 LAT: LONG: U T M: 17 0575050.0 4813050.0 4 REGION: 02 MILEAGE: 30.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1515			.3		37215	4	40.	4. L	8.	0.0	7.0	1.8	0.095	0.007
21 02 78 0845			.3		37231	4	100.	4. L	16.	0.0	6.0	0.8	0.022	0.009
23 03 78 1000			.3		37247		230.	4. L	52.	0.0	4.0	1.0	0.021	0.006
18 04 78 1600			.3		37263	8	150.	2.	2. L	9.0	7.0	0.2	0.019	0.002
25 05 78 0930			.3		37279	8	92.	42.	14.	16.5	7.0	1.2	0.037	0.008
27 06 78 1530			.3		37295	8	1600.	68.	240.	24.0	9.0	0.5	0.047	0.021
19 07 78 1530			.3		37311	7	520.	78.	154.	20.0	10.0	0.5	0.058	0.036
23 08 78 1300			.3		37327	7	400.	70.	270.	17.0	8.0	0.6	0.064	0.042
27 09 78 0800			.3		37343	0 8	15000. G	100.	600. G	9.0	8.0	0.8	0.036	0.018
19 10 78 1400			.3		37359	8 7	20. L	4. L	84.	7.0	4.0	1.4	0.020	0.008
23 11 78 0830			.3		37375	8	190.	8.	32.	0.0	12.0	0.2	0.008	0.005
18 12 78 1000			.3		37391	8	80.	4.	12.	0.0	6.0	0.2	0.018	0.005
MAXIMUM							15000.	100.	600.	24.0	12.0	1.8	0.095	0.042
AVG OR GEOM MN (*)							228.* E	13.* D	43.* E	8.5	7.3	0.8	0.037	0.014
MINIMUM							20.	2.	2.	0.0	4.0	0.2	0.008	0.002
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 1515			.3		0.060	0.970	0.006	0.329	0.395	0.910	1.305	427.0	42.0	385
21 02 78 0845			.3		0.040	0.600	0.006	0.435	0.481	0.560	1.041	363.0	2.0	361
23 03 78 1000			.3		0.062	0.450	0.009	0.466	0.537	0.388	0.925	287.0	3.2	284
18 04 78 1600			.3		0.008	0.460	0.003	0.085	0.096	0.452	0.548	285.0	3.6	281
25 05 78 0930			.3		0.032	0.770	0.006	0.060	0.098	0.738	0.836	348.0	1.4	347
27 06 78 1530			.3		0.020	0.540	0.005	0.070	0.095	0.520	0.615	339.0	7.2	332
19 07 78 1530			.3		0.012	0.380	0.004	0.036	0.052	0.368	0.420	347.0	2.9	344
23 08 78 1300			.3		0.018	0.410	0.004	0.070	0.092	0.392	0.484	335.0	1.2	334
27 09 78 0800			.3		0.002	0.430	0.003	0.055	0.060	0.428	0.488	403.0	5.6	397
19 10 78 1400			.3		0.002	0.400	0.003	0.100	0.105	0.398	0.503	373.0	1.1	372
23 11 78 0830			.3		0.011	0.400	0.003	0.202	0.216	0.389	0.605	449.0	0.5	448
18 12 78 1000			.3		0.020	0.540	0.003	0.302	0.325	0.520	0.845	459.0	0.6	458
MAXIMUM					0.062	0.970	0.009	0.466	0.537	0.910	1.305	459.0	42.0	458
AVG OR GEOM MN (*)					0.024	0.529	0.005	0.184	0.213	0.505	0.718	367.9	5.9	362
MINIMUM					0.002	0.380	0.003	0.036	0.052	0.368	0.420	285.0	0.5	281
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78 1515			.3		620	7.60	25.5
21 02 78 0845			.3		580	2.10	14.5
23 03 78 1000			.3		463	2.10	16.5
18 04 78 1600			.3		440	1.70	15.5
25 05 78 0930			.3		550	1.40	18.0
27 06 78 1530			.3		520	2.00	6.3
19 07 78 1530			.3		495	1.10	5.4
23 08 78 1300			.3		490	1.0	6.1
27 09 78 0800			.3		580	1.20	11.0
19 10 78 1400			.3		580	0.80	11.5
23 11 78 0830			.3		640	1.50	21.5
18 12 78 1000			.3		630	0.60	21.0
MAXIMUM					640	7.60	25.5
AVG OR GEOM MN (*)					549	1.93	14.4
MINIMUM					440	0.60	5.4
NO OF SAMPLES					12	12	12

B.O.W./ SITE: BRONTE CREEK
SAMPLE POINT: AT PROGRESTON ROAD
STATION TYPE: RIVER

STATION ID: 06-0060-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

STN NO: 5 LAT: LONG: U T M: 17 0584100.0 4805300.0 4 REGION: 02 MILEAGE: 18.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
28 06 78 0925			.3		38551	6 9	680.	4. L	34.	21.0	8.0	0.5	0.039	0.005
20 07 78 1000			.3		38552	6 9	370.	30.	80.	22.5	7.5	1.0	0.035	0.010
30 08 78 0910			.3		38595	6 9	1500. G	40.	252.	18.0	7.6	1.2	0.031	0.005
18 09 78 0920			.3		38636	3	21000.	1100.	4100.	14.8	7.8	1.0	0.182	0.025
24 10 78 0955			.3		38677	6	144.	8.	100. L	7.8	9.5	0.6	0.014	0.001
08 11 78 0950			.3		38717	6				5.8	10.8	0.8	0.008	0.002
14 12 78 1000			.3		38755	4	40.	8.	24.	0.5	13.3	0.4	0.012	0.003
MAXIMUM							21000.	1100.	4100.	22.5	13.3	1.2	0.182	0.025
AVG OR GEOM MN (*)							598.* U	26.* D	137.* D	12.9	9.2	0.8	0.046	0.007
MINIMUM							40.	4.	24.	0.5	7.5	0.4	0.008	0.001
NO OF SAMPLES							6	6	6	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
28 06 78 0925			.3		0.054	0.710	0.018	1.610	1.682	0.656	2.338	334.0	7.4	327
20 07 78 1000			.3		0.038	0.690	0.017	1.630	1.685	0.652	2.337	302.0	6.3	296
30 08 78 0910			.3		0.034	0.570	0.017	1.980	2.031	0.536	2.567	353.0	4.8	348
18 09 78 0920			.3		0.026	0.800	0.011	1.000	1.037	0.774	1.811	395.0	41.0	354
24 10 78 0955			.3		0.004	0.530	0.010	1.490	1.504	0.526	2.030	392.0	0.6	391
08 11 78 0950			.3		0.009	0.490	0.007	1.490	1.506	0.481	1.987	369.0	1.0	368
14 12 78 1000			.3		0.016	0.520	0.003	1.150	1.169	0.504	1.673	398.0	1.0	397
MAXIMUM					0.054	0.800	0.018	1.980	2.031	0.774	2.567	398.0	41.0	397
AVG OR GEOM MN (*)					0.026	0.616	0.012	1.479	1.516	0.590	2.106	363.3	8.9	354
MINIMUM					0.004	0.490	0.003	1.000	1.037	0.481	1.673	302.0	0.6	296
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

(C O N T D)

```
                                                                               DATE OF REPORT  25 OCT 79   PAGE  [illegible]
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS
                                                                                  STATION ID:   06-0060-005-02
 B.O.W./ SITE: BRONTE CREEK
 SAMPLE POINT: AT PROGRESTON ROAD                                                                STORET CODE: 02
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                                004
                                                      MINOR BASIN: LAKE ONTARIO                               4430
                                                      TERM STREAM: BRONTE CREEK

STN NO:     5    LAT:               LONG:             U T M: 17 0584100.0 4805300.0 4    REGION: 02      MILEAGE:    18.30

                                       14        16       56        59
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.     TURB.   CHLORIDE  SULPHATE
DY MO YR LMT   DIST BRG DEPTH          25C    FORMAZIN   MG/L
               FEET      MTRS         UMHOS     UNITS              MG/L

28 06 78 0925              .3          480      3.20     17.5      29.0
20 07 78 1000              .3          465      2.90     18.5      33.5
30 08 78 0910              .3          520      1.80     19.5      41.5
18 09 78 0920              .3          500     20.00     18.0      68.0
24 10 78 0955              .3          610      1.50     21.0
08 11 78 0950              .3          600      1.30     21.0      75.
14 12 78 1000              .3          600      1.50     22.5      77.0

                      MAXIMUM          610     20.00     22.5      77.0
          AVG OR GEOM MN (*)           539      4.60     19.7      54.0
                      MINIMUM          465      1.30     17.5      29.0

                NO OF SAMPLES            7         7        7         6


                                                                                  STATION ID:   06-0061-001-02
 B.O.W./ SITE: FOURTEEN MILE CREEK
 SAMPLE POINT: AT QUEEN ELIZABETH WAY                                                            STORET CODE: 02
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                                004
                                                      MINOR BASIN: LAKE ONTARIO                               4390
                                                      TERM STREAM: MCCRANEY CREEK

STN NO:     1    LAT:               LONG:             U T M: 17 0603020.0 4808225.0 4    REGION: 03      MILEAGE:    2.40

                                      934      901      80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE    SCD     TOTAL     FECAL     M.F.     WATER     DISS.    5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM   ENTER.    TEMP.      02       BOD         P     REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML   DEG C     MG/L      MG/L      MG/L    P MG/L

24 01 78 1200              .3        37210   4         300.       20.       30.       0.0      12.0      0.2     0.031     0.024
20 02 78 1515              .3        37226   4         200.        4.  L    20.       0.0       9.0      0.2     0.029     0.029
22 03 78 1130              .3        37242   8        3400.      100.      440.       0.0      14.0      3.3     0.235     0.060
18 04 78 1330              .3        37258   8          44.       10.  L    10.  L   10.5       9.0      1.0     0.033     0.005
24 05 78 1315              .3        37274   7          64.       14.       46.      21.5      14.0      1.2     0.024     0.002
27 06 78 1130              .3        37290   7 5       600.       46.      148.      26.0      17.0      0.2     0.380     0.001L
18 07 78 1145              .3        37306   7 5       220.       10.      140.      21.0      10.0      1.2     0.050     0.008
22 08 78 1145              .3        37322   7         400.       16.      110.      23.0      14.0      0.4     0.039     0.001
27 09 78 1230              .3        37338   7 5      1000.       12.       64.      17.0      15.0      1.4     0.060     0.004
18 10 78 1130              .3        37354   7 5        60.        4.  L    36.       5.5      15.0      0.4     0.017     0.001
22 11 78 1045              .3        37370   7         100.        4.       16.       1.5      13.0      0.2     0.008     0.006
18 12 78 1215              .3        37386   8         130.        4.  L    52.       0.0       9.0      0.4     0.015     0.008

                      MAXIMUM                         3400.      100.      440.      26.0      17.0      3.3     0.380     0.060
          AVG OR GEOM MN (*)                           231.*      12.* D    53.* D   10.5      12.6      0.8     0.077     0.012D
                      MINIMUM                           44.        4.       10.       0.0       9.0      0.2     0.008     0.001

                NO OF SAMPLES                            12        12        12        12        12       12        12        12



                                       19       20       21        22        17        18        23        5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED   TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N         N   ORGNC  N            SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 1200              .3         0.038    0.230    0.006     2.020     2.064     0.192     2.256     467.0       3.6       463
20 02 78 1515              .3         0.030    0.260    0.006     2.140     2.176     0.230     2.406     514.0       1.2       513
22 03 78 1130              .3         0.400    1.330    0.032     1.100     1.532     0.930     2.462     245.0      74.0
18 04 78 1330              .3         0.006    0.520    0.007     0.655     0.668     0.514     1.182     396.0       2.9       393
24 05 78 1315              .3         0.036    0.530    0.013     0.330     0.379     0.494     0.873     428.0       1.6       426
27 06 78 1130              .3         0.018    0.016    0.003     0.020     0.041     0.002     0.039     433.0       2.4       431
18 07 78 1145              .3         0.076    0.890    0.009     0.211     0.296     0.814     1.110     749.0       6.6       742
22 08 78 1145              .3         0.012    0.390    0.004     0.025     0.041     0.378     0.419     208.0       3.1
27 09 78 1230              .3         0.010    1.300    0.021     1.680     1.711     1.290     3.001     733.0      34.0       699
18 10 78 1130              .3         0.002    0.280    0.003     0.200     0.205     0.278     0.483     575.0       4.4       571
22 11 78 1045              .3         0.007    0.250    0.004     0.680     0.691     0.243     0.934     584.0       0.4       584
18 12 78 1215              .3         0.012    0.320    0.009     2.540     2.561     0.308     2.869     584.0       1.0       583

                      MAXIMUM         0.400    1.330    0.032     2.540     2.561     1.290     3.001     749.0      74.0       742
          AVG OR GEOM MN (*)          0.054    0.526    0.010     0.967     1.030     0.473     1.503     493.0      11.3       541
                      MINIMUM         0.002    0.016    0.003     0.020     0.041     0.002     0.039     208.0       0.4       393

                NO OF SAMPLES            12       12       12        12        12        12        12        12        12        10

                                      107        14       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL      COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH       D-SOLIDS     25C   FORMAZIN    MG/L
               FEET      MTRS       MG/L       UMHOS    UNITS

24 01 78 1200              .3                   740     2.90      61.0
20 02 78 1515              .3                   815     2.40      73.0
22 03 78 1130              .3          171      263    66.00      29.0
18 04 78 1330              .3                   625     2.80      64.0
24 05 78 1315              .3                   665     1.40      67.0
27 06 78 1130              .3                   660     1.50      75.0
18 07 78 1145              .3                  1040     2.90     190.0
22 08 78 1145              .3          205      315     2.8      195.0
27 09 78 1230              .3                  1000     9.00     155.0
18 10 78 1130              .3                   880     1.90     108.0
22 11 78 1045              .3                   920     2.30     105.0
18 12 78 1215              .3                   880     1.70     107.0

                      MAXIMUM          205     1040    66.00     195.0
          AVG OR GEOM MN (*)           188      734     8.13     102.4
                      MINIMUM          171      263     1.40      29.0

                NO OF SAMPLES            2       12       12        12
 B.O.W./ SITE: FOURTEEN MILE CREEK                                                        STATION ID:  06-0061-002-02
 SAMPLE POINT: AT UPPER MIDDLE ROAD
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                         004
                                                     TERM STREAM: MCCRANEY CREEK                                       4390

STN NO:      2     LAT:              LONG:             U T M: 17 0600575.0 4808490.0 4    REGION: 03            MILEAGE:    4.10

                                        934      901        80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD     TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET     MTRS                           MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L     P MG/L

24 01 78 1215              .3         37211   4           140.        4. L     176.         0.0       12.0        0.2      0.054      0.036
20 02 78 1500              .3         37227   4            80.        4. L     120.         0.0       12.0        0.8      0.048      0.034
22 03 78 1115              .3         37243   8          2700.       60.       260.         0.0       14.0        3.5      0.290      0.125
18 04 78 1345              .3         37259   8             4.        4. L       4.  L     10.0       13.0        0.2      0.023      0.007
24 05 78 1300              .3         37275   8           132.        2. L       4.        21.0       11.0        1.2      0.027      0.001L
27 06 78 1115              .3         37291   8           400.       46.       108.        21.0        9.0        0.8      0.210      0.009
18 07 78 1130              .3         37307   5            10.  L     2. L       2.  L     17.0        7.0        0.8      0.028      0.005
22 08 78 1200              .3         37323   5           250.        2. L      58.        17.0        7.0        0.8      0.018      0.004
27 09 78 1220              .3         37339   5 9        4200.        2. L     220.        15.0        9.0        1.2      0.035      0.002
18 10 78 1115              .3         37355   5 9        1300.       52.       200.         6.5       10.0        2.4      0.128      0.007
22 11 78 1030              .3         37371   0 7          90.        4.         4.         2.0        6.0        0.4      0.012      0.005
18 12 78 1200              .3         37387   8           200.        8.        20.         0.0       14.0        0.4      0.021      0.004

                      MAXIMUM                            4200.       60.       260.        21.0       14.0        3.5      0.290      0.125
             AVG OR GEOM MN (*)                           185.* D     6.* D     35.* D      9.1       10.3        1.1      0.075      0.020D
                      MINIMUM                               4.        2.         2.         0.0        6.0        0.2      0.012      0.001

                 NO OF SAMPLES                               12         12         12         12         12         12         12         12

                                        19         20        21         22         17         18         23          5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL  NO2-N      NO3-N             N  ORGNC  N                SOLIDS     SOLIDS     SOLIDS
               FEET     MTRS           MG/L       MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 1215              .3         0.048      0.420     0.014      3.430      3.492      0.372      3.864      446.0        6.7        439
20 02 78 1500              .3         0.038      0.370     0.011      3.140      3.189      0.332      3.521      527.0       36.0        491
22 03 78 1115              .3         0.298      1.440     0.032      1.170      1.500      1.142      2.642      262.0       94.0
18 04 78 1345              .3         0.004      0.530     0.010      2.290      2.304      0.526      2.830      398.0        2.3        396
24 05 78 1300              .3         0.052      0.700     0.042      1.130      1.224      0.648      1.872      425.0        4.1        421
27 06 78 1115              .3         0.020      0.016     0.003      0.090      0.113      0.004      0.109      420.0        2.2        418
18 07 78 1130              .3         0.032      0.310     0.003      0.037      0.072      0.278      0.350      473.0        5.4        468
22 08 78 1200              .3         0.026      0.280     0.003      0.015      0.044      0.254      0.298      491.0        4.0        487
27 09 78 1220              .3         0.038      0.490     0.003      0.155      0.196      0.452      0.648      569.0        2.6        566
18 10 78 1115              .3         0.062      1.140     0.012      0.550      0.624      1.078      1.702      402.0        8.1        394
22 11 78 1030              .3         0.009      0.200     0.003      0.186      0.198      0.191      0.389      563.0        1.0        562
18 12 78 1200              .3         0.010      0.480     0.009      3.390      3.409      0.470      3.879      609.0        4.0        605

                      MAXIMUM         0.298      1.440     0.042      3.430      3.492      1.142      3.879      609.0       94.0        605
             AVG OR GEOM MN (*)       0.053      0.531     0.012      1.299      1.364      0.479      1.842      465.4       14.2        477
                      MINIMUM         0.004      0.016     0.003      0.015      0.044      0.004      0.109      262.0        1.0        394

                 NO OF SAMPLES           12         12        12         12         12         12         12         12         12         11

                                       107         14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL          COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS          25C  FORMAZIN       MG/L
               FEET     MTRS      MG/L            UMHOS     UNITS



24 01 78 1215              .3                       695     13.00       58.0
20 02 78 1500              .3                       770      9.60       20.0
22 03 78 1115              .3           168         258     76.00       28.5
18 04 78 1345              .3                       595      3.00       60.0
24 05 78 1300              .3                       655      2.00      .63.0
27 06 78 1115              .3                       680      1.10       37.5
18 07 78 1130              .3                       680      2.00      425.0
22 08 78 1200              .3                       710      2.8        50.0
27 09 78 1220              .3                       840      3.20       77.0
18 10 78 1115              .3                       640      5.00       59.0
22 11 78 1030              .3                       900      2.40       97.0
18 12 78 1200              .3                       900      4.90      115.0

                      MAXIMUM           168         900     76.00      425.0
             AVG OR GEOM MN (*)         168         694     10.42       90.8
                      MINIMUM           168         258      1.10       20.0

                 NO OF SAMPLES            1          12        12         12


 B.O.W./ SITE: OAKVILLE CREEK                                                             STATION ID:  06-0063-001-02
 SAMPLE POINT: HIGHWAY 2. OAKVILLE
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                         004
                                                     TERM STREAM: OAKVILLE CREEK                                       4340

STN NO:      1     LAT:              LONG:             U T M: 17 0607500.0 4810600.0 4    REGION: 03            MILEAGE:    0.40

                                        934      901        80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD     TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET     MTRS                           MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L     P MG/L

24 01 78 1145              .3         37208   4           250.       10. L      10.  L      0.0       13.0        0.2      0.050      0.018
20 02 78 1415              .3         37224   4           100.        4. L      10.         0.0       12.0        0.2      0.020      0.013
22 03 78 1145              .3         37240   8          8200.      460.       590.         0.0       13.0        4.8      0.125      0.069
12 04 78 1400              .3         36202   6         14000.      700.      1500.         5.5        8.4        1.6      0.166      0.042
18 04 78 1300              .3         37256   8           100.       10.       190.         9.0        9.0        0.2      0.064      0.039
09 05 78 1208              .3         36267   6          2000.      150.        70.         9.5        8.9        1.0      0.043      0.008
24 05 78 1330              .3         37272   8          5300.      124.         4.  L     19.5        9.0        1.5      0.057      0.011
06 06 78 1145              .3         36332   6          1700.       80.       120.        15.5        8.6        1.4      0.066      0.017
27 06 78 1230              .3         37288   8           440.      112.       168.        23.0        9.0        1.2      0.550      0.003
06 07 78 1300              .3         36394   6 7         430.       10.       160.        15.8        7.4        1.8      0.050      0.001
18 07 78 1300              .3         37304   6 8         360.       28.        20.        19.0       10.0        1.2      0.058      0.005
09 08 78 1500              .3         36456   6         83000.    10300.      1370.        20.0        5.5        1.6      0.036      0.006
22 08 78 1315              .3         37320   6          1100.       12.        48.        19.0        9.0        1.4      0.062      0.005
14 09 78 1200              .3         36515   6          2000.      100. L     100.        19.0        7.5        0.2      0.031      0.004
27 09 78 1315              .3         37336   8           100.        4. L     128.        17.0       12.0        0.6      0.044      0.013
31 10 78 1230              .3         36641   6 9         400.       10.        40.        10.0       11.1        0.6      0.028      0.008
22 11 78 1115              .3         37368   8           490.      100.       172.         2.0       13.0        2.2      0.052      0.005
30 11 78 1130              .3         36699   6           700.       24.        84.         1.0       14.3        0.2      0.037      0.015
14 12 78 1230              .3         36758   4           230.       24.        60.         0.0        9.1        2.0      0.033      0.015
18 12 78 1330              .3         37384   8 4          40.        4. L      16.         0.0       13.0        0.4      0.017      0.011

                      MAXIMUM                           83000.    10300.      1500.        23.0       14.3        4.8      0.550      0.069
             AVG OR GEOM MN (*)                           786.*      44.* D     81.* D     10.2       10.1        1.2      0.079      0.015
                      MINIMUM                              40.        4.         4.         0.0        5.5        0.2      0.017      0.001

                 NO OF SAMPLES                               20         20         20         20         20         20         20         20
```

(C O N T D)

STATION ID: 06-0063-001-02

B.O.W./ SITE: OAKVILLE CREEK
SAMPLE POINT: HIGHWAY 2, OAKVILLE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
004
4340

STN NO: 1 LAT: LONG: U T M: 17 0607500.0 4810600.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 1145			.3		0.074	0.400	0.008	0.407	0.489	0.326	0.815	261.0	9.5	251
20 02 78 1415			.3		0.044	0.330	0.004	0.400	0.448	0.286	0.734	243.0	2.4	
22 03 78 1145			.3		0.314	0.710	0.032	1.170	1.516	0.396	1.912	366.0	123.0	
12 04 78 1400			.3		0.132	1.060	0.028	1.250	1.410	0.928	2.338	337.0	54.0	283
18 04 78 1300			.3		0.116	0.500	0.017	0.705	0.838	0.384	1.222	329.0	7.0	322
09 05 78 1208			.3		0.052	0.490	0.022	0.530	0.604	0.438	1.042	357.0	16.0	341
24 05 78 1330			.3		0.096	0.570	0.016	0.120	0.232	0.474	0.706	341.0	16.0	325
06 06 78 1145			.3		0.096	0.590	0.027	0.455	0.578	0.494	1.072	324.0	16.0	308
27 06 78 1230			.3		0.084	0.049	0.007	0.140	0.231	0.035	0.196	301.0	16.0	285
06 07 78 1300			.3		0.046	0.600	0.013	0.460	0.519	0.554	1.073	298.0	15.0	283
18 07 78 1300			.3		0.100	0.660	0.008	0.187	0.295	0.560	0.855	290.0	17.0	
09 08 78 1500			.3		0.060	0.320	0.013	0.292	0.365	0.260	0.625	304.0	31.0	
22 08 78 1315			.3		0.068	0.530	0.011	0.255	0.334	0.462	0.796	303.0	18.0	285
14 09 78 1200			.3		0.020	0.410	0.005	0.485	0.510	0.390	0.900	338.0	15.0	323
27 09 78 1315			.3		0.030	0.460	0.008	0.415	0.453	0.430	0.883	301.0	13.0	288
31 10 78 1230			.3		0.058	0.380	0.008	0.790	0.856	0.322	1.178	408.0	8.6	399
22 11 78 1115			.3		0.083	0.560	0.009	1.100	1.192	0.477	1.669	470.0	28.0	442
30 11 78 1130			.3		0.056	0.440	0.008	1.900	1.964	0.384	2.348	548.0	5.0	543
14 12 78 1230			.3		0.036	0.450	0.010	2.390	2.436	0.414	2.850	514.0	9.0	505
18 12 78 1330			.3		0.040	0.310	0.010	1.140	1.190	0.270	1.460	359.0	2.0	357
MAXIMUM					0.314	1.060	0.032	2.390	2.436	0.928	2.850	548.0	123.0	543
AVG OR GEOM MN (*)					0.080	0.491	0.013	0.730	0.823	0.414	1.234	349.6	21.1	346
MINIMUM					0.020	0.049	0.004	0.120	0.231	0.035	0.196	243.0	2.0	251
NO OF SAMPLES					20	20	20	20	20	20	20	20	20	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
24 01 78 1145			.3			386	11.00	35.5						
20 02 78 1415			.3		241	371	2.40	32.0						
22 03 78 1145			.3		243	374	72.00	47.0						
12 04 78 1400			.3			445	73.00	35.5	37.0	2.05	8.10	3.800	1.0L	7.6
18 04 78 1300			.3			525	9.20	34.5						7.6
09 05 78 1208			.3			570	13.00	44.5	36.0	0.15	8.28	0.85	1.0L	3.7
24 05 78 1330			.3			486	7.80	36.0						3.7
06 06 78 1145			.3			490	15.00	37.0	33.0	0.65	8.30	0.960	1.0L	3.4
27 06 78 1230			.3			445	12.00	46.0						3.4
06 07 78 1300			.3			420	9.80	50.0	36.0	0.85	8.09	0.690		4.0
18 07 78 1300			.3		273	420	12.00	48.5						4.0
09 08 78 1500			.3		273	420	30.00	48.0	34.5	0.45	7.89	1.700	1.0L	4.0
22 08 78 1315			.3			455	9.8	49.0						4.0
14 09 78 1200			.3			515	4.20	32.5	38.0	2.85	8.47	0.320	1.0L	5.0
27 09 78 1315			.3			475	6.60	47.0						5.0
31 10 78 1230			.3			650	9.00	138.0	56.0	0.15	7.92	0.540	1.0	4.0
22 11 78 1115			.3			720	18.00	80.0						4.0
30 11 78 1130			.3			910	4.20	130.0	70.0	2.55	8.19	0.260	1.0	4.0
14 12 78 1230			.3			760	11.00	80.0	70.0	2.95	8.19	0.550	1.0	4.4
18 12 78 1330			.3			535	1.80	60.0						4.4
MAXIMUM					273	910	73.00	138.0	70.0	2.95	8.47	3.800	1.0	7.6
AVG OR GEOM MN (*)					258	519	16.59	55.6	45.6	1.41	8.16	1.074	1.0D	4.5
MINIMUM					241	371	1.80	32.0	33.0	0.15	7.89	0.260	1.0	3.4
NO OF SAMPLES					4	20	20	20	9	9	9	9	8	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
12 04 78 1400			.3		37	2	0.001	0.18	0.02 L	0.02	0.03 L	0.005L	0.02	0.02 L
18 04 78 1300			.3		37	2	0.001	0.18	0.02 L	0.02	0.03 L	0.005L	0.02	0.02 L
09 05 78 1208			.3		17									
24 05 78 1330			.3		17									
06 06 78 1145			.3		34									
27 06 78 1230			.3		34									
06 07 78 1300			.3		12									
18 07 78 1300			.3		12									
09 08 78 1500			.3		23		0.002	0.320	0.020L	0.020	0.030L	0.005L	0.050	0.020L
22 08 78 1315			.3		23		0.002	0.320	0.020L	0.020	0.030L	0.005L	0.050	0.020L
14 09 78 1200			.3		15									
27 09 78 1315			.3		15									
31 10 78 1230			.3		30			0.110						
22 11 78 1115			.3		30			0.110						
30 11 78 1130			.3		104			0.150						
14 12 78 1230			.3		23		0.001L	0.42	0.02 L	0.01 L	0.03 L	0.005L	0.03	0.02 L
18 12 78 1330			.3		23		0.001L	0.42	0.02 L	0.01 L	0.03 L	0.005L	0.03	0.02 L
MAXIMUM					104	2	0.002	0.42	0.02	0.02	0.03	0.005	0.050	0.02
AVG OR GEOM MN (*)					29	2	0.001D	0.246	0.020D	0.017D	0.030D	0.005D	0.033	0.020D
MINIMUM					12	2	0.001	0.110	0.02	0.01	0.03	0.005	0.02	0.02
NO OF SAMPLES					17	2	6	9	6	6	6	6	6	6

```
 B.O.W./ SITE: OAKVILLE CREEK                                                                      STATION ID:  06-0063-002-02
 SAMPLE POINT: SIDE ROAD 10 MILTON
 STATION TYPE: RIVER    FLOW GAUGE FED 02HB005               MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                         004
                                                             TERM STREAM: OAKVILLE CREEK                                       4340

STN NO:      2    LAT:              LONG:                 U T M: 17 0591850.0 4817300.0 4    REGION: 03           MILEAGE:    14.80

                                     934       901       444       80        81        84        805          3          1         33
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH          NO                       COLIFORM  COLIFORM    ENTER.      TEMP.        02        BOD          P
                FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML      DEG C      MG/L       MG/L       MG/L

24 01 78 1045              .3       37205     8         21.00     76.        10.        100.  L     0.0       13.0        0.4      0.164
21 02 78 1000              .3       37221     8         49.40    100.       100.        100.        0.0       11.0        1.2      0.260
23 03 78 1030              .3       37237     8        190.00  15000.  G   1500.  G    1330.        2.0       13.0        3.2      0.173
18 04 78 1100              .3       37253     8         72.00   7100.        10.        100.        7.0       13.0        0.4      0.099
24 05 78 1445              .3       37269     8         61.00   3200.        80.        110.       20.0       11.0        2.0      0.630
27 06 78 1345              .3       37285     8         11.60   1400.        36.         60.       23.0       10.0        5.5      0.228
18 07 78 1515              .3       37301     8          7.20   5000.        16.        110.       25.5       15.0        6.2      0.355
23 08 78 1115              .3       37317     8          4.40    100.         4.  L      10.       22.0       10.0        2.5      0.900
27 09 78 1430              .3       37333     8         18.20   1190.         2.  L      20.       17.0       12.0        1.5      0.154
18 10 78 1345              .3       37349     8        122.00    660.        24.         48.       10.0       14.0        0.2      0.115
22 11 78 1340              .3       37365     8         10.10   1060.       104.        300.  G     2.0       13.0        2.6      0.144
18 12 78 1430              .3       37381     8         21.10    280.         4.  L       4.        2.0       12.0        1.0      0.230

                      MAXIMUM                          190.00  15000.      1500.       1330.       25.5       15.0        6.2      0.900
          AVG OR GEOM MN (*)                            49.00    931.* U     25.* E      69.* E    10.9       12.3        2.2      0.288
                      MINIMUM                            4.40     76.         2.          4.        0.0       10.0        0.2      0.099

                 NO OF SAMPLES                             12        12        12         12        12         12         12         12

                                      34        19        20        21        22        17        18        23         5          6
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS     SOLIDS
                FEET      MTRS       P MG/L     MG/L       MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L       MG/L

24 01 78 1045              .3       0.100     0.718     1.290     0.016     0.599     1.333     0.572     1.905     445.0       20.0
21 02 78 1000              .3       0.200     2.480     3.450     0.030     0.775     3.285     0.970     4.255     500.0       31.0
23 03 78 1030              .3       0.049     0.250     0.870     0.017     1.170     1.437     0.620     2.057     386.0       99.0
18 04 78 1100              .3       0.023     0.463     0.810     0.011     0.430     0.904     0.347     1.251     326.0       17.0
24 05 78 1445              .3       0.053     0.340     1.300     0.090     0.480     0.910     0.960     1.870     925.0      569.0
27 06 78 1345              .3       0.150     1.130     1.720     0.345     1.400     2.875     0.590     3.465     464.0       29.0
18 07 78 1515              .3       0.295     2.400     3.250     0.775     2.280     5.455     0.850     6.305     522.0       15.0
23 08 78 1115              .3       0.100     0.760     1.660     0.075     2.770     3.605     0.900     4.505     466.0       17.0
27 09 78 1430              .3       0.089     0.378     0.550     0.445     1.150     1.973     0.172     2.145     444.0        7.7
18 10 78 1345              .3       0.082     0.006     0.350     0.010     2.390     2.406     0.344     2.750     432.0        3.1
22 11 78 1340              .3       0.095     0.050     0.550     0.017     3.820     3.887     0.500     4.387     540.0        6.0
18 12 78 1430              .3       0.200     0.810     1.280     0.059     2.840     3.709     0.470     4.179     543.0        2.0

                      MAXIMUM       0.295     2.480     3.450     0.775     3.820     5.455     0.970     6.305     925.0      569.0
          AVG OR GEOM MN (*)        0.120     0.815     1.423     0.158     1.675     2.648     0.608     3.256     499.4       68.0
                      MINIMUM       0.023     0.006     0.350     0.010     0.430     0.904     0.172     1.251     326.0        2.0

                 NO OF SAMPLES         12        12        12        12        12        12        12        12        12         12

                                        7        14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ    DISS.     COND.     TURB.  CHLORIDE
DY MO YR LWT    DIST BRG DEPTH      SOLIDS       25C  FORMAZIN      MG/L
                FEET      MTRS        MG/L     UMHOS     UNITS




24 01 78 1045              .3         425       695      8.70      53.0
21 02 78 1000              .3         469       800      8.80      73.0
23 03 78 1030              .3         287       474     51.00      42.5
18 04 78 1100              .3         309       520      8.20      32.0
24 05 78 1445              .3         356       565    280.00     -40.5
27 06 78 1345              .3         435       700      2.30      69.0
18 07 78 1515              .3         507       780      6.40      88.0
23 08 78 1115              .3         449       760      8.9       78.0
27 09 78 1430              .3         436       680      6.20      72.0
18 10 78 1345              .3         429       690      2.20      72.0
22 11 78 1340              .3         534       860      4.00      92.0
18 12 78 1430              .3         541       750      2.30     102.0

                      MAXIMUM         541       860    280.00     102.0
          AVG OR GEOM MN (*)          431       690     32.42      67.8
                      MINIMUM         287       474      2.20      32.0

                 NO OF SAMPLES         12        12        12        12


 B.O.W./ SITE: MIDDLE OAKVILLE CREEK                                                               STATION ID:  06-0063-003-02
 SAMPLE POINT: HIGHWAY-25 1.8 MILES SOUTH OF SCOTCH BLOCH
 STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                         004
                                                             TERM STREAM: OAKVILLE CREEK                                       4340

STN NO:      3    LAT:              LONG:                    U T M: 17 0585900.0 4822350.0 4    REGION: 03        MILEAGE:    26.40

                                     934       901        80        81        84       805          3          1         33         34
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE        SCD     TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT    DIST BRG DEPTH          NO             COLIFORM  COLIFORM    ENTER.     TEMP.        02        BOD          P   REACTIVE
                FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L       MG/L     P MG/L

24 01 78 1000              .3       37203     8          530.        4.          4.       0.0       13.0        0.2      0.016      0.004
21 02 78 1030              .3       37219     8          400.        4.  L     196.       0.0       12.0        1.8      0.016      0.003
23 03 78 1130              .3       37235     8         1500.       12.        160.       1.0       14.0        1.8      0.092      0.016
19 04 78 1200              .3       37251     8          540.        8.        152.       4.0       12.0        0.2      0.078      0.032
25 05 78 1030              .3       37267     8          240.       32.          8.      12.5       12.0        1.2      0.040      0.001
27 06 78 1415              .3       37283     8         1200.      110.        184.      21.0        9.0        0.2      0.021      0.003
18 07 78 1415              .3       37299     8         1100.      176.        140.      22.0        9.0        1.0      0.041      0.009
23 08 78 1130              .3       37315     8          670.      134.        260.      20.5        9.0        0.8      0.040      0.002
27 09 78 1045              .3       37331     8         1040.       64.        240.      13.5       10.0        0.6      0.029      0.002
18 10 78 1515              .3       37347     8          560.      164.         40.      10.0       10.0        0.4      0.018      0.002
22 11 78 1405              .3       37363     8          190.       24.          8.       5.0       11.0        0.2      0.013      0.002
18 12 78 1515              .3       37379     8          130.       12.         12.       1.0        7.0        0.4      0.017      0.002

                      MAXIMUM                           1500.      176.        260.      22.0       14.0        1.8      0.092      0.032
          AVG OR GEOM MN (*)                             533.*      29.* D      56.*      9.2       10.7        0.7      0.035      0.007
                      MINIMUM                            130.        4.          4.       0.0        7.0        0.2      0.013      0.001

                 NO OF SAMPLES                             12        12        12        12        12         12         12         12
```

(C O N T D)

STATION ID: 06-0063-003-02

B.O.W./ SITE: MIDDLE OAKVILLE CREEK
SAMPLE POINT: HIGHWAY-25 1.8 MILES SOUTH OF SCOTCH BLOCH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
004
4340

STN NO: 3   LAT: LONG: U T M: 17 0585900.0 4822350.0 4   REGION: 03   MILEAGE: 26.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	1000			.3		0.010	0.360	0.007	1.050	1.067	0.350	1.417	359.0	3.5	355
21 02 78	1030			.3		0.002	0.330	0.006	1.040	1.048	0.328	1.376	362.0	6.0	356
23 03 78	1130			.3		0.118	0.630	0.012	1.670	1.800	0.512	2.312	352.0	41.0	311
19 04 78	1200			.3		0.010	0.420	0.007	0.920	0.937	0.410	1.347	277.0	6.9	270
25 05 78	1030			.3		0.038	0.490	0.015	0.085	0.138	0.452	0.590	309.0	5.5	303
27 06 78	1415			.3		0.024	0.500	0.037	1.010	1.071	0.476	1.547	316.0	8.3	308
18 07 78	1415			.3		0.016	0.540	0.029	0.856	0.901	0.524	1.425	330.0	18.0	312
23 08 78	1130			.3		0.010	0.440	0.009	0.385	0.404	0.430	0.834	267.0	13.0	
27 09 78	1045			.3		0.010	0.490	0.012	0.550	0.572	0.480	1.052	269.0	4.4	265
18 10 78	1515			.3		0.006	0.500	0.007	0.945	0.958	0.494	1.452	301.0	2.5	298
22 11 78	1405			.3		0.023	0.440	0.011	1.520	1.554	0.417	1.971	365.0	1.0	364
18 12 78	1515			.3		0.066	0.430	0.014	1.490	1.570	0.364	1.934	393.0	3.0	390
MAXIMUM						0.118	0.630	0.037	1.670	1.800	0.524	2.312	393.0	41.0	390
AVG OR GEOM MN (*)						0.028	0.464	0.014	0.960	1.002	0.436	1.438	325.0	9.4	321
MINIMUM						0.002	0.330	0.006	0.085	0.138	0.328	0.590	267.0	1.0	265
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1000			.3			570	3.90	22.5
21 02 78	1030			.3			585	4.60	22.0
23 03 78	1130			.3			515	22.00	27.5
19 04 78	1200			.3			445	8.70	19.0
25 05 78	1030			.3			464	3.70	17.5
27 06 78	1415			.3			480	4.20	20.0
18 07 78	1415			.3			465	7.50	20.5
23 08 78	1130			.3		254	390	5.6	23.0
27 09 78	1045			.3			530	5.00	24.0
18 10 78	1515			.3			460	2.80	26.5
22 11 78	1405			.3			570	2.50	30.5
18 12 78	1515			.3			590	2.90	33.0
MAXIMUM						254	590	22.00	33.0
AVG OR GEOM MN (*)						254	505	6.12	23.8
MINIMUM						254	390	2.50	17.5
NO OF SAMPLES						1	12	12	12

STATION ID: 06-0063-007-02

B.O.W./ SITE: MIDDLE OAKVILLE CREEK
SAMPLE POINT: AT FOURTH CONCESSION ROAD TWP OF ESQUESING
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
004
4340

STN NO: 7   LAT: LONG: U T M: 17 0585450.0 4826700.0 4   REGION: 03   MILEAGE: 29.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78	1015			.3		37204	4	1200.	4. L	4.	0.0	10.0	0.2	0.018	0.007
21 02 78	1045			.3		37220	8	700.	16.	1640.	0.0	11.0	1.5	0.015	0.013
23 03 78	1145			.3		37236	8	1000.	36.	440.	2.0	11.0	2.4	0.092	0.039
19 04 78	1300			.3		37252	8	13500.	50.	50.	7.0	12.0	1.0	0.042	0.032
25 05 78	1100			.3		37268	8	400.	120.	20.	15.0	14.0	0.6	0.016	0.001L
27 06 78	1400			.3		37284	7	1800.	80.	208.	22.0	15.0	0.2	0.012	0.001L
19 07 78	1430			.3		37300	7	1300.	80.	120.	20.0	11.0	0.6	0.012	0.005
23 08 78	1145			.3		37316	7	800.	80.	460.	17.0	10.0	0.5	0.019	0.003
27 09 78	1100			.3		37332	7	18800.	4.	1500. G	9.0	7.0	0.6	0.008	0.001
18 10 78	1500			.3		37348	5 7	100. L	4. L	10.	8.0	13.0	0.2	0.013	0.002
22 11 78	1400			.3		37364	5 7	320.	108.	148.	1.0	13.0	0.4	0.008	0.003
18 12 78	1500			.3		37380	8	140.	8.	12.	0.0	7.0	0.5	0.021	0.002
MAXIMUM								18800.	120.	1640.	22.0	15.0	2.4	0.092	0.039
AVG OR GEOM MN (*)								972.* D	26.* D	99.* U	8.4	11.2	0.7	0.023	0.009D
MINIMUM								100.	4.	4.	0.0	7.0	0.2	0.008	0.001
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	1015			.3		0.038	0.370	0.012	3.140	3.190	0.332	3.522	401.0	5.9	395
21 02 78	1045			.3		0.032	0.280	0.010	3.240	3.282	0.248	3.530	391.0	6.1	385
23 03 78	1145			.3		0.130	0.610	0.016	1.520	1.666	0.480	2.146	264.0	22.0	
19 04 78	1300			.3		0.018	0.520	0.010	1.720	1.748	0.502	2.250	323.0	27.0	296
25 05 78	1100			.3		0.016	0.450	0.017	3.110	3.143	0.434	3.577	377.0	2.5	374
27 06 78	1400			.3		0.032	0.440	0.031	6.600	6.663	0.408	7.071	397.0	4.0	393
19 07 78	1430			.3		0.020	0.280	0.027	9.070	9.117	0.260	9.377	420.0	2.3	417
23 08 78	1145			.3		0.024	0.360	0.029	1.550	1.603	0.336	1.939	423.0	2.7	420
27 09 78	1100			.3		0.012	0.360	0.017	7.580	7.609	0.348	7.957	421.0	1.8	419
18 10 78	1500			.3		0.018	0.250	0.013	7.240	7.271	0.232	7.503	422.0	2.0	420
22 11 78	1400			.3		0.020	0.310	0.008	4.310	4.338	0.290	4.628	414.0	2.0	412
18 12 78	1500			.3		0.016	0.340	0.008	3.140	3.164	0.324	3.488	412.0	11.0	401
MAXIMUM						0.130	0.610	0.031	9.070	9.117	0.502	9.377	423.0	27.0	420
AVG OR GEOM MN (*)						0.031	0.381	0.017	4.352	4.400	0.350	4.749	388.8	7.4	394
MINIMUM						0.012	0.250	0.008	1.520	1.603	0.232	1.939	264.0	1.8	296
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1015			.3			615	5.20	16.0
21 02 78	1045			.3			625	4.70	17.5
23 03 78	1145			.3		242	372	17.00	13.0
19 04 78	1300			.3			470	14.00	13.0
25 05 78	1100			.3			580	2.10	15.0
27 06 78	1400			.3			610	2.80	20.0
19 07 78	1430			.3			630	2.00	24.0
23 08 78	1145			.3			640	1.8	26.0
27 C3 78	1100			.3			660	2.90	24.5
18 10 78	1500			.3			650	2.40	24.0
22 11 78	1400			.3			640	2.50	23.0
18 12 78	1500			.3			605	4.50	20.0
				MAXIMUM		242	660	17.00	26.0
				AVG OR GEOM MN (*)		242	591	5.16	19.7
				MINIMUM		242	372	1.8	13.0
				NO OF SAMPLES		1	12	12	12

B.O.W./ SITE: OAKVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 9 HILTON FALLS
STATION TYPE: RIVER

STATION ID: 06-0063-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
006
4340

STN NO: 8 LAT: LONG: U T M: 17 0584200.0 4817500.0 4 REGION: 03 MILEAGE: 20.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78	0845			.3		37200	8	60.	2. L	2. L	0.0	13.0	0.2	0.025	0.003
21 02 78	0900			.3		37216	8	50.	4. L	124.	0.0	12.0	1.0	0.010	0.010
23 03 78	0945			.3		37232	8	160.	16.	12.	1.0	14.0	0.2	0.021	0.011
19 04 78	1100			.3		37248	8	112.	4. L	4.	4.5	13.0	0.4	0.012	0.004
24 05 78	1520			.3		37264	8	48.	2.	2.	14.5	11.0	1.5	0.025	0.001
27 06 78	1505			.3		37280	8	1400.	90.	228.	20.0	11.0	0.4	0.018	0.005
18 07 78	1545			.3		37296	8	300.	16.	150.	20.5	8.0	0.8	0.018	0.008
23 08 78	1000			.3		37312	8	860.	162.	1050.	17.0	8.0	0.4	0.036	0.020
27 09 78	0830			.3		37328	8	18300.	32.	1500. G	12.0	9.0	0.6	0.019	0.003
18 10 78	1540			.3		37344	8	100. L	4.	10. L	11.5	9.0	0.4	0.021	0.002
22 11 78	1500			.3		37360	8	90.	28.	44.	6.0		0.4	0.006	0.004
18 12 78	1545			.3		37376	8	140.	4. L	12.	3.5	11.0	0.4	0.008	0.002
				MAXIMUM				18300.	162.	1500.	20.5	14.0	1.5	0.036	0.020
				AVG OR GEOM MN (*)				230.* D	11.* D	37.* E	9.2	10.8	0.6	0.018	0.006
				MINIMUM				48.	2.	2.	0.0	8.0	0.2	0.006	0.001
				NO OF SAMPLES				12	12	12	12	11	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	0845			.3		0.002L	0.370	0.005	0.325	0.332	0.368	0.700	360.0	8.8	351
21 02 78	0900			.3		0.032	0.500	0.004	0.400	0.436	0.468	0.904	352.0	1.4	351
23 03 78	0945			.3		0.044	0.330	0.005	0.485	0.534	0.286	0.820	336.0	7.1	329
19 04 78	1100			.3		0.008	0.310	0.003	0.305	0.316	0.302	0.618	259.0	2.2	
24 05 78	1520			.3		0.022	0.400	0.004	0.080	0.106	0.378	0.484	281.0	5.8	
27 06 78	1505			.3		0.016	0.320	0.003	0.140	0.159	0.304	0.463	339.0	5.4	334
18 07 78	1545			.3		0.016	0.300	0.003	0.122	0.141	0.284	0.425	349.0	4.7	344
23 08 78	1000			.3		0.028	0.260	0.003	0.095	0.126	0.232	0.358	440.0	4.0	336
27 09 78	0830			.3		0.006	0.310	0.002	0.175	0.183	0.304	0.487	382.0	0.6	381
18 10 78	1540			.3		0.018	0.320	0.003	0.115	0.136	0.302	0.438	319.0	3.1	316
22 11 78	1500			.3		0.009	0.250	0.002	0.305	0.316	0.241	0.557	351.0	1.0	350
18 12 78	1545			.3		0.008	0.320	0.001	0.274	0.283	0.312	0.595	385.0	0.7	384
				MAXIMUM		0.044	0.500	0.005	0.485	0.534	0.468	0.904	440.0	8.8	384
				AVG OR GEOM MN (*)		0.017D	0.333	0.003	0.235	0.256	0.315	0.571	346.1	3.7	348
				MINIMUM		0.002	0.250	0.001	0.080	0.106	0.232	0.358	259.0	0.6	316
				NO OF SAMPLES		12	12	12	12	12	12	12	12	12	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	0845			.3			550	2.50	14.5
21 02 78	0900			.3			550	1.60	13.5
23 03 78	0945			.3			550	2.70	13.5
19 04 78	1100			.3		257	395	1.10	9.8
24 05 78	1520			.3		275	423	2.20	11.0
27 06 78	1505			.3			540	5.00	30.0
18 07 78	1545			.3			485	2.20	24.0
23 08 78	1000			.3			530	1.8	24.5
27 09 78	0830			.3			520	4.20	22.0
18 10 78	1540			.3			510	2.30	22.0
22 11 78	1500			.3			560	1.80	27.0
18 12 78	1545			.3			580	1.30	31.0
				MAXIMUM		275	580	5.00	31.0
				AVG OR GEOM MN (*)		266	516	2.39	20.2
				MINIMUM		257	395	1.10	9.8
				NO OF SAMPLES		2	12	12	12

STATION ID: 06-0063-009-02

B.O.W./ SITE: OAKVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 28 UPSTREAM OF MILTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
006
4340

STN NO: 9   LAT: LONG: U T M: 17 0586400.0 4818200.0 4   REGION: 03   MILEAGE: 20.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 0915			.3		37202	8	20.	4. L	4.	0.0	13.0	0.2	0.001	0.001
21 02 78 0945			.3		37218	8	50.	4. L	196.	0.0	10.0	2.0	0.010	0.007
23 03 78 1015			.3		37234	8	410.	36.	84.	2.0	14.0	1.8	0.019	0.005
19 04 78 1030			.3		37250	8	160.	4. L	8.	6.0	12.0	0.2	0.006	0.001
24 05 78 1500			.3		37266	8	240.	8.	2. L	17.0	11.0	0.8	0.012	0.001L
27 06 78 1430			.3		37282	8	28000.	70.	122.	18.0	11.0	0.2	0.020	0.003
18 07 78 1530			.3		37298	8	100.	30.	60.	19.0	10.0	0.2	0.026	0.003
23 08 78 1030			.3		37314	8	50.	14.	50.	15.5	9.0	0.2	0.026	0.005
27 09 78 0900			.3		37330	8	530.	4.	128.	14.0	9.0	0.5	0.019	0.001
18 10 78 1530			.3		37346	8	10. L	2. L	4.	10.0	10.0	0.2	0.016	0.001
22 11 78 1445			.3		37362	8	40.	12.	24.	4.0	7.0	0.2	0.010	0.001
18 12 78 1530			.3		37378	8	28.	2.	2. L	1.0	8.0	0.4	0.006	0.001L
MAXIMUM							28000.	70.	196.	19.0	14.0	2.0	0.026	0.007
AVG OR GEOM MN (*)							124.* D	8.* D	21.* D	8.9	10.3	0.6	0.014	0.003D
MINIMUM							10.	2.	2.	0.0	7.0	0.2	0.001	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 0915			.3		0.004	0.240	0.003	0.442	0.449	0.236	0.685	360.0	0.5	360
21 02 78 0945			.3		0.020	0.580	0.003	0.585	0.608	0.560	1.168	356.0	4.0	352
23 03 78 1015			.3		0.014	0.320	0.005	0.630	0.649	0.306	0.955	329.0	4.8	324
19 04 78 1030			.3		0.004	0.270	0.003	0.345	0.352	0.266	0.618	273.0	1.5	271
24 05 78 1500			.3		0.016	0.320	0.004	0.245	0.265	0.304	0.569	315.0	1.8	313
27 06 78 1430			.3		0.022	0.260	0.009	0.370	0.401	0.238	0.639	356.0	9.9	346
18 07 78 1530			.3		0.024	0.200	0.006	0.274	0.304	0.176	0.480	356.0	4.0	352
23 08 78 1030			.3		0.012	0.150	0.003	0.150	0.165	0.138	0.303	340.0	1.6	338
27 09 78 0900			.3		0.006	0.290	0.004	0.180	0.190	0.284	0.474	333.0	5.2	328
18 10 78 1530			.3		0.026	0.270	0.006	0.320	0.352	0.244	0.596	344.0	2.9	341
22 11 78 1445			.3		0.014	0.290	0.004	0.510	0.528	0.276	0.804	381.0	5.0	376
18 12 78 1530			.3		0.006	0.250	0.002	0.508	0.516	0.244	0.760	392.0	1.0	391
MAXIMUM					0.026	0.580	0.009	0.630	0.649	0.560	1.168	392.0	9.9	391
AVG OR GEOM MN (*)					0.014	0.287	0.004	0.380	0.398	0.273	0.671	344.6	3.5	341
MINIMUM					0.004	0.150	0.002	0.150	0.165	0.138	0.303	273.0	0.5	271
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78 0915			.3		575	0.90	24.0
21 02 78 0945			.3		585	2.60	25.5
23 03 78 1015			.3		540	6.90	30.0
19 04 78 1030			.3		450	2.60	18.5
24 05 78 1500			.3		482	1.20	21.5
27 06 78 1430			.3		550	12.00	30.0
18 07 78 1530			.3		540	2.70	29.5
23 08 78 1030			.3		550	1.0	33.0
27 09 78 0900			.3		600	3.40	40.0
18 10 78 1530			.3		550	2.50	40.0
22 11 78 1445			.3		600	4.00	38.0
18 12 78 1530			.3		595	1.50	34.0
MAXIMUM					600	12.00	40.0
AVG OR GEOM MN (*)					551	3.44	30.3
MINIMUM					450	0.90	18.5
NO OF SAMPLES					12	12	12

STATION ID: 06-0063-010-02

B.O.W./ SITE: OAKVILLE CREEK
SAMPLE POINT: AT CONCESSION ROAD 8 UPSTREAM OF KELSO RESERVOIR
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
006
4340

STN NO: 10   LAT: LONG: U T M: 17 0584750.0 4816800.0 4   REGION: 03   MILEAGE: 18.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 0900			.3		37201	8	60.	4.	4. L	0.0	13.0	1.0	0.022	0.008
21 02 78 0930			.3		37217	8	60.	8.	144.	0.0	12.0	0.4	0.009	0.003
23 03 78 1000			.3		37233	8	100.	4.	40.	1.0	14.0	1.2	0.008	0.002
19 04 78 1045			.3		37249	8	200.	8.	6.	6.0	12.0	0.2	0.008	0.002
24 05 78 1515			.3		37265	8	30.	2. L	36.	19.5	11.0	1.0	0.014	0.002
27 06 78 1500			.3		37281	8	310.	52.	300. G	23.5	10.0	0.2	0.009	0.001
18 07 78 1540			.3		37297	8	30.	2.	10.	22.0	9.0	0.4	0.014	0.004
23 08 78 1010			.3		37313	8	300.	44.	50.	17.0	10.0	0.2	0.015	0.003
27 09 78 0845			.3		37329	8	1370.	22.	600. G	10.0	10.0	0.2	0.005	0.002
18 10 78 1535			.3		37345	8	180.	4. L	20.	7.5	12.0	0.5	0.015	0.001
22 11 78 1450			.3		37361	8	370.	4. L	8.	1.5	7.0	0.2	0.004	0.001
18 12 78 1540			.3		37377	8	90.	4. L	12.	0.0	14.0	0.4	0.004	0.001
MAXIMUM							1370.	52.	600.	23.5	14.0	1.2	0.022	0.008
AVG OR GEOM MN (*)							138.*	7.* D	31.* E	9.0	11.2	0.5	0.011	0.003
MINIMUM							30.	2.	4.	0.0	7.0	0.2	0.004	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 0900			.3		0.036	0.510	0.004	0.461	0.501	0.474	0.975	369.0	3.9	365
21 02 78 0930			.3		0.004	0.520	0.003	0.595	0.602	0.516	1.118	358.0	4.6	353
23 03 78 1000			.3		0.008	0.410	0.004	0.501	0.513	0.402	0.915	293.0	2.2	291
19 04 78 1045			.3		0.004	0.260	0.003	0.335	0.342	0.256	0.598	286.0	1.2	285
24 05 78 1515			.3		0.018	0.350	0.004	0.220	0.242	0.332	0.574	360.0	4.9	355
27 06 78 1500			.3		0.014	0.290	0.004	0.350	0.368	0.276	0.644	364.0	3.1	361
18 07 78 1540			.3		0.010	0.280	0.003	0.383	0.396	0.270	0.666	395.0	2.6	392
23 08 78 1010			.3		0.008	0.230	0.003	0.420	0.431	0.222	0.653	375.0	1.2	374
27 09 78 0845			.3		0.002	0.240	0.002	0.185	0.189	0.238	0.427	381.0	1.2	380
18 10 78 1535			.3		0.004	0.200	0.004	0.275	0.283	0.196	0.479	367.0	0.3	367
22 11 78 1450			.3		0.007	0.270	0.001	0.300	0.308	0.263	0.571	375.0	0.4	375
18 12 78 1540			.3		0.006	0.280	0.002	0.383	0.391	0.274	0.665	351.0	0.3	351
MAXIMUM					0.036	0.520	0.004	0.595	0.602	0.516	1.118	395.0	4.9	392
AVG OR GEOM MN (*)					0.010	0.320	0.003	0.367	0.381	0.310	0.690	356.2	2.2	354
MINIMUM					0.002	0.200	0.001	0.185	0.189	0.196	0.427	286.0	0.3	285
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78 0900			.3		585	2.70	25.5
21 02 78 0930			.3		595	1.70	26.0
23 03 78 1000			.3		478	1.90	20.0
19 04 78 1045			.3		470	1.10	20.5
24 05 78 1515			.3		539	1.70	30.5
27 06 78 1500			.3		560	1.30	40.0
18 07 78 1540			.3		580	1.00	48.0
23 08 78 1010			.3		600	0.9	49.5
27 09 78 0845			.3		650	0.90	39.0
18 10 78 1535			.3		600	0.70	39.0
22 11 78 1450			.3		580	0.50	24.5
18 12 78 1540			.3		565	0.40	24.5
MAXIMUM					650	2.70	49.5
AVG OR GEOM MN (*)					567	1.23	32.3
MINIMUM					470	0.40	20.0
NO OF SAMPLES					12	12	12

B.O.M./ SITE: EAST OAKVILLE CREEK
SAMPLE POINT: AT BASELINE ROAD SIXTEEN VALLEY
STATION TYPE: RIVER FLOW GAUGE FED 02H8004

STATION ID: 06-0063-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
006
4340

STN NO: 11 LAT: LONG: U T M: 17 0598850.0 4816700.0 4 REGION: 03 MILEAGE: 12.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1115			.3		37207	8	22.00	220.	10.	50.	0.0	12.0	0.4	0.017
20 02 78 1340			.3		37223	4	10.80	20.	10.	10.	0.0	10.0	1.0	0.013
22 03 78 1230			.3		37239	3	1380.00	3900.	250.	1100.	0.0	14.0	4.2	0.165
18 04 78 1200			.3		37255	8	43.10	200.	10. G	20. L	9.0	12.0	0.2	0.047
24 05 78 1400			.3		37271	8	39.90	50.	20.	64.	21.0	14.0	1.0	0.026
27 06 78 1245			.3		37287	7 5	8.80	1600.	28.	144.	28.0	13.0	0.3	0.520
18 07 78 1430			.3		37303	8	5.60	40.	8.	4. L	28.0	10.0	1.0	0.023
22 08 78 1400			.3		37319	8	6.20	100.	4.	36.	24.0	10.0	0.4	0.026
27 09 78 1345			.3		37335	8	13.30	1290.	4.	248.	18.5	15.0	1.0	0.011
18 10 78 1300			.3		37351	8	9.50	120.	4.	10.	8.0	12.0	0.5	0.016
22 11 78 1300			.3		37367	8	11.00	170.	26.	42.	1.5	14.0	0.4	0.013
18 12 78 1345			.3		37383	8	11.70	280.	10. L	50.	0.0	14.0	0.4	0.020
MAXIMUM							1380.00	3900.	250.	1100.	28.0	15.0	4.2	0.520
AVG OR GEOM MN (*)							130.16	212.*	13.* E	45.* D	11.5	12.5	0.9	0.075
MINIMUM							5.60	20.	4.	4.	0.0	10.0	0.2	0.011
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1115			.3		0.008	0.002L	0.340	0.007	1.100	1.109	0.338	1.447	375.0	3.0
20 02 78 1340			.3		0.004	0.042	0.330	0.008	1.240	1.290	0.288	1.578	396.0	6.4
22 03 78 1230			.3		0.089	0.440	1.390	0.037	1.270	1.747	0.950	2.697	212.0	32.0
18 04 78 1200			.3		0.011	0.006	0.450	0.009	0.980	0.995	0.444	1.439	337.0	7.5
24 05 78 1400			.3		0.003	0.046	0.490	0.011	0.360	0.417	0.444	0.861	324.0	12.0
27 06 78 1245			.3		0.001L	0.016	0.013	0.004	0.200	0.220	0.003	0.217	279.0	3.0
18 07 78 1430			.3		0.004	0.034	0.550	0.007	0.018	0.059	0.516	0.575	256.0	5.9
22 08 78 1400			.3		0.007	0.022	0.360	0.005			0.338		817.0	6.1
27 09 78 1345			.3		0.002	0.018	0.480	0.004	0.155	0.177	0.462	0.639	287.0	4.3
18 10 78 1300			.3		0.001	0.002L	0.340	0.003	0.200	0.205	0.338	0.543	315.0	0.5
22 11 78 1300			.3		0.002	0.005	0.360	0.005	0.706	0.716	0.355	1.071	428.0	0.5
18 12 78 1345			.3		0.003	0.010	0.410	0.012	1.790	1.812	0.400	2.212	455.0	7.0
MAXIMUM					0.089	0.440	1.390	0.037	1.790	1.812	0.950	2.697	817.0	32.0
AVG OR GEOM MN (*)					0.011D	0.054D	0.459	0.009	0.729	0.795	0.406	1.207	373.4	7.4
MINIMUM					0.001	0.002	0.013	0.003	0.018	0.059	0.003	0.217	212.0	0.5
NO OF SAMPLES					12	12	12	12	11	11	12	11	12	12

(CONTD)

B.O.W./ SITE: EAST OAKVILLE CREEK
SAMPLE POINT: AT BASELINE ROAD SIXTEEN VALLEY
STATION TYPE: RIVER FLOW GAUGE FED 02HB004

STATION ID: 06-0063-011-02
STORET CODE: 02
006
4340

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STN NO: 11 LAT: LONG: U T M: 17 0598850.0 4816700.0 4 REGION: 03 MILEAGE: 12.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1115			.3		372		610	3.80	25.5
20 02 78	1340			.3		390		635	4.70	25.0
22 03 78	1230			.3			180	277	32.00	25.5
18 04 78	1200			.3		329		500	12.00	29.0
24 05 78	1400			.3		312		456	10.00	25.5
27 06 78	1245			.3		276		435	1.90	29.5
18 07 78	1430			.3			250	385	3.10	20.0
22 08 78	1400			.3			810	405	4.3	22.0
27 09 78	1345			.3		284		425	4.00	25.5
18 10 78	1300			.3		314		485	2.30	26.0
22 11 78	1300			.3		427		670	2.50	48.0
18 12 78	1345			.3		448		675	4.30	53.0
MAXIMUM						448	810	675	32.00	53.0
AVG OR GEOM MN (*)						350	413	497	7.08	29.5
MINIMUM						276	180	277	1.90	20.0
NO OF SAMPLES						9	3	12	12	12

B.O.W./ SITE: RATTRAY MARSH
SAMPLE POINT: AT MEADOW WOOD ROAD CLARKSON
STATION TYPE: RIVER

STATION ID: 06-0068-001-02
STORET CODE: 02
004
0068

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: RATTRAY CREEK

STN NO: 1 LAT: LONG: U T M: 17 0611850.0 4818800.0 4 REGION: 03 MILEAGE: 0.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 04 78	0825			.3		37000	6	1800.	440.	110.	4.0	11.6	0.6	0.061	0.040
19 07 78	1115			.3		37013	6	1100.	60.	200.	17.0	13.4	1.4	0.055	0.002
22 08 78	0755			.3		37026	6	11600.	456.	340.	15.0	9.6	0.4	0.037	0.021
21 09 78	0805			.3		37039	6	15000E+1G	420.	1500.	17.0	8.8	1.2	0.076	0.020
01 11 78	0845			.3		37052	6	2000.	250.	110.	5.0	11.8	0.6	0.035	0.022
21 11 78	1055			.3		37065	6	19000.	890.	1170.	1.0	10.6	2.2	0.039	0.034
MAXIMUM								15000E+1	890.	1500.	17.0	13.4	2.2	0.076	0.040
AVG OR GEOM MN (*)								7126.* U	322.*	336.*	9.8	11.0	1.1	0.051	0.023
MINIMUM								1100.	60.	110.	1.0	8.8	0.4	0.035	0.002
NO OF SAMPLES								6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 04 78	0825			.3		0.058	0.670	0.027	2.520	2.605	0.612	3.217	824.0	5.6	818
19 07 78	1115			.3		0.022	0.780	0.010	0.877	0.909	0.758	1.667	673.0	5.5	667
22 08 78	0755			.3		0.120	0.430	0.014	1.490	1.624	0.310	1.934	700.0	49.0	651
21 09 78	0805			.3		0.006	0.710	0.024	4.530	4.560	0.704	5.264	779.0	3.3	776
01 11 78	0845			.3		0.002	0.290	0.015	2.030	2.047	0.288	2.335	664.0	5.7	658
21 11 78	1055			.3		0.056	0.460	0.027	3.170	3.253	0.404	3.657	669.0	4.0	665
MAXIMUM						0.120	0.780	0.027	4.530	4.560	0.758	5.264	824.0	49.0	818
AVG OR GEOM MN (*)						0.044	0.557	0.020	2.436	2.500	0.513	3.012	718.2	12.2	706
MINIMUM						0.002	0.290	0.010	0.877	0.909	0.288	1.667	664.0	3.3	651
NO OF SAMPLES						6	6	6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 04 78	0825			.3		1280	6.80	250.0
19 07 78	1115			.3		940	1.30	188.0
22 08 78	0755			.3		960	0.80	188.0
21 09 78	0805			.3		1200	1.5	195.0
01 11 78	0845			.3		1200	2.30	190.0
21 11 78	1055			.3		1070	2.00	170.0
MAXIMUM						1280	6.80	250.0
AVG OR GEOM MN (*)						1108	2.45	196.8
MINIMUM						940	0.80	170.0
NO OF SAMPLES						6	6	6

```
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS              DATE OF REPORT  25 OCT 79  PAGE   203

 B.O.W./ SITE: CREDIT RIVER                                                         STATION ID:  06-0076-002-02
 SAMPLE POINT: HIGHWAY 5 ERINDALE
 STATION TYPE: RIVER    FLOW GAUGE FED 02HB002      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                  004
                                                    TERM STREAM: CREDIT RIVER                                  4170

STN NO:      2    LAT:            LONG:             U T M: 17 0608390.0 4821825.0 4    REGION: 03         MILEAGE:    4.90

                                       934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

23 02 78 1415              .3        36141  4           186.00     60.       10.  L    10.  L      0.0      10.4       0.8     0.033
10 04 78 0855              .3        37001  6           915.00   1400.       10.  L   100.  L      4.0      12.4       0.4     0.058
12 04 78 1230              .3        36201  6          2160.00   2500.       70.      180.         6.0      12.4       2.0     0.232
09 05 78 1105              .3        36266  6           374.00    640.       10.  L   430.        10.0       9.6       1.8     0.020
06 06 78 1450              .3        36333  8           195.00     80.        4.      110.        15.5       9.8       0.8     0.022
06 07 78 1500              .3        36395  6           130.00     50.       10.       20.        17.2       9.2       1.4     0.016
19 07 78 1200              .3        37014  6            87.00    200.       28.       84.        16.0      13.6       0.2     0.026
09 08 78 1600              .3        36457  5 7         102.00    700.      116.      210.        21.0       7.4       0.4     0.020
22 08 78 0805              .3        37027  6           125.00    150.       48.       12.        15.0       8.8       0.4     0.019
14 09 78 1300              .3        36514  6 8         170.00    630.       72.      130.        17.0      11.3       1.0     0.068
21 09 78 0830              .3        37040  6           293.00   2100.      196.      320.        17.0       9.2       1.2     0.076
31 10 78 1405              .3        36642  6           151.00     40.        4.       12.         9.8      13.9       1.0     0.009
01 11 78 0905              .3        37053  6           147.00     20.       10.  L    10.         5.0      12.4       0.2     0.009
21 11 78 1115              .3        37066  6           203.00    210.       36.       52.         1.0      15.2       0.2     0.030
30 11 78 1508              .3        36700  9           152.00    700.       28.       92.         1.0      14.6       6.8     0.044
14 12 78 1400              .3        36759  6           192.00    190.        8.       28.         0.0       9.3       7.0     0.051

                      MAXIMUM                          2160.00   2500.      196.      430.        21.0      15.2       7.0     0.232
          AVG OR GEOM MN (*)                            348.88    256.*      21.* D    59.* D      9.7      11.2       1.6     0.046
                      MINIMUM                            87.00     20.        4.       10.         0.0       7.4       0.2     0.009

                 NO OF SAMPLES                              16        16        16        16        16        16        16        16

                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N               SOLIDS    SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L

23 02 78 1415              .3        0.018     0.260     0.520     0.018     1.880     2.158     0.260     2.418     382.0       9.7
10 04 78 0855              .3        0.010     0.240     0.710     0.016     1.330     1.586     0.470     2.056     339.0      37.0
12 04 78 1230              .3        0.025     0.108     0.960     0.018     1.130     1.256     0.852     2.108     451.0     191.0
09 05 78 1105              .3        0.001     0.010     0.400     0.014     1.320     1.344     0.390     1.734     343.0       6.7
06 06 78 1450              .3        0.002     0.040     0.480     0.018     0.825     0.883     0.440     1.323     324.0      10.0
06 07 78 1500              .3        0.001     0.054     0.390     0.012     0.350     0.416     0.336     0.752     279.0       5.6
19 07 78 1200              .3        0.001     0.202     0.600     0.018     0.077     0.297     0.398     0.695     277.0       6.9
09 08 78 1600              .3        0.002     0.020     0.350     0.006     0.269     0.295     0.330     0.625     278.0       5.3
22 08 78 0805              .3        0.006     0.132     0.450     0.007     0.343     0.482     0.318     0.800     315.0      13.0
14 09 78 1300              .3        0.028     0.128     0.540     0.019     0.600     0.747     0.412     1.159     356.0      14.0
21 09 78 0830              .3        0.019     0.114     0.700     0.013     0.900     1.027     0.586     1.613     387.0      40.0
31 10 78 1405              .3        0.004     0.012     0.370     0.005     0.840     0.857     0.358     1.215     347.0       1.5
01 11 78 0905              .3        0.003     0.080     0.410     0.004     0.805     0.889     0.330     1.219     337.0       2.2
21 11 78 1115              .3        0.005     0.158     0.600     0.005     1.090     1.253     0.442     1.695     351.0       8.0
30 11 78 1508              .3        0.005     0.013     0.600     0.006     1.400     1.419     0.587     2.006    1856.0      41.0
14 12 78 1400              .3        0.007     0.046     0.480     0.012     1.640     1.698     0.434     2.132     757.0      12.0




                      MAXIMUM            0.028     0.260     0.960     0.019     1.880     2.158     0.852     2.418    1856.0     191.0
          AVG OR GEOM MN (*)             0.009     0.101     0.535     0.012     0.925     1.038     0.434     1.472     461.2      25.2
                      MINIMUM            0.001     0.010     0.350     0.004     0.077     0.295     0.260     0.625     277.0       1.5

                 NO OF SAMPLES              16        16        16   -    16        16        16        16        16        16        16

                                         7       107        14        16        56        59       280        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.  CALCUL        COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH       SOLIDS  D-SOLIDS        25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON
               FEET      MTRS         MG/L  MG/L          UMHOS     UNITS                MG/L   SI MG/L                MG/L      UG/L

23 02 78 1415              .3          372                  625      6.30      39.0      40.5      3.60      8.14     0.400      1.0L
10 04 78 0855              .3          302                  470     17.00      25.5
12 04 78 1230              .3                    260        400     69.00      18.5      25.0      2.35      8.17     6.800      1.0L
09 05 78 1105              .3          336                  540      4.40      35.5      36.5      0.80      8.39     0.30       1.0L
06 06 78 1450              .3          314                  500      2.50      35.0      33.5      0.55      8.48     0.090      1.0L
06 07 78 1500              .3                    273        270      3.10      37.5      32.5      3.40      8.86     0.230
19 07 78 1200              .3                    270        415      3.80      38.5
09 08 78 1600              .3                    273        420      3.80      41.0      34.5      0.85      8.50     0.160      1.0L
22 08 78 0805              .3          302                  455      3.40      30.5
14 09 78 1300              .3          342                  550      9.90      56.0      41.0      1.40      7.99     0.660      1.0L
21 09 78 0830              .3          347                  520     19.        28.5
31 10 78 1405              .3          345                  560      2.30      70.0      44.5      0.25      8.43     0.090      1.0
01 11 78 0905              .3          335                  560      2.40      36.5
21 11 78 1115              .3          343                  570      4.40      33.5
30 11 78 1508              .3         1815                 3250     27.00      62.0      42.0      3.65      7.82     0.510      4.0
14 12 78 1400              .3          745                 1220     14.00      41.5      44.0      3.45      7.91     0.660      2.0

                      MAXIMUM             1815       273       3250     69.00      70.0      44.5      3.65      8.86     6.800      4.0
          AVG OR GEOM MN (*)               492       269        708     12.02      39.3      37.4      2.03      8.27     0.990      1.4D
                      MINIMUM              302       260        270      2.30      18.5      25.0      0.25      7.82     0.090      1.0

                 NO OF SAMPLES              12         4         16        16        16        10        10        10        10         9

                                        47        41       361       265       235       221       225       229       215       249
SAMP DTE HOUR  STN  STN SAMP  PJ   ORGANIC       COD   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH       C AS C             EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L

23 02 78 1415              .3          4.0        17
10 04 78 0855              .3          4.0        17
12 04 78 1230              .3          5.0        34         1     0.002     0.21      0.02 L    0.10      0.03 L    0.01      0.06
09 05 78 1105              .3          3.7        10
06 06 78 1450              .3          3.4        32
06 07 78 1500              .3          3.8        12
19 07 78 1200              .3          3.8        12
09 08 78 1600              .3          3.6        19               0.001     0.230     0.020L    0.010L    0.030L    0.005L    0.010
22 08 78 0805              .3          3.6        19               0.001     0.230     0.020L    0.010L    0.030L    0.005L    0.010
14 09 78 1300              .3          4.0        17
21 09 78 0830              .3          4.0        17
31 10 78 1405              .3          4.0        30                         0.160
01 11 78 0905              .3          4.0        30                         0.160
21 11 78 1115              .3          4.0        30                         0.160
30 11 78 1508              .3          3.0       104
14 12 78 1400              .3          4.2        29               0.001     0.37      0.02 L    0.02 L    0.03 L    0.005L    0.01 L

                      MAXIMUM              5.0       104         1     0.002     0.37      0.02      0.10      0.03      0.01      0.06
          AVG OR GEOM MN (*)               3.9        27         1     0.001     0.217     0.020D    0.035D    0.030D    0.006D    0.023D
                      MINIMUM              3.0        10         1     0.001     0.160     0.02      0.010     0.03      0.005     0.010

                 NO OF SAMPLES              16        16         1         4         7         4         4         4         4         4

                                                                                                                    ( C O N T D )
 B.O.W./ SITE: CREDIT RIVER                                                                    STATION ID:  06-0076-002-02
SAMPLE POINT: HIGHWAY 5 ERINDALE
STATION TYPE: RIVER    FLOW GAUGE FED 02HB002          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                     004
                                                        TERM STREAM: CREDIT RIVER                                     4170

STN NO:      2    LAT:              LONG:               U T M: 17 0608390.0 4821825.0 4    REGION: 03          MILEAGE:     4.90

                                      238
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL
DY MO YR LMT   DIST BRG DEPTH        NICKEL
               FEET      MTRS         MG/L

12 04 78 1230              .3       0.02 L
09 08 78 1600              .3       0.020L
22 08 78 0805              .3       0.020L
14 12 78 1400              .3       0.02 L

                      MAXIMUM       0.02
             AVG OR GEOM MN (*)     0.020D
                      MINIMUM       0.02

                NO OF SAMPLES          4


 B.O.W./ SITE: CREDIT RIVER                                                                    STATION ID:  06-0076-003-02
SAMPLE POINT: HIGHWAY 7 NORVAL
STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                     004
                                                        TERM STREAM: CREDIT RIVER                                     4170

STN NO:      3    LAT:              LONG:               U T M: 17 0592200.0 4833175.0 4    REGION: 03          MILEAGE:    21.40

                                      934      901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.    WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO           COLIFORM  COLIFORM    ENTER.     TEMP.       O2       BOD         P  REACTIVE
               FEET      MTRS                       MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L      MG/L    P MG/L

10 04 78 1050              .3       37004   6          490.      10.       10.       4.0      11.6       0.6     0.039     0.010
19 07 78 1305              .3       37017   6          600.     120.      112.      16.0      12.8       0.6     0.059     0.037
22 08 78 0950              .3       37030   6          390.      84.      180.      16.0      11.4       0.2     0.043     0.023
21 09 78 1015              .3       37043   6         2200.     108.      312.      17.0      12.2       0.6     0.066     0.026
01 11 78 1030              .3       37056   6           40.      10.  L    30.       5.0      13.2       0.2     0.046     0.034
21 11 78 1240              .3       37069   6           70.      16.       24.       1.0      15.8       0.2     0.037     0.030

                      MAXIMUM                         2200.     120.      312.      17.0      15.8       0.6     0.066     0.037
             AVG OR GEOM MN (*)                        298.*     35.* D    60.*      9.8      12.8       0.4     0.048     0.027
                      MINIMUM                           40.      10.       10.       1.0      11.4       0.2     0.037     0.010

                NO OF SAMPLES                             6         6         6         6         6         6         6         6

                                      19        20       21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 04 78 1050              .3        0.196     0.610    0.010     1.270     1.476     0.414     1.890     302.0      21.0       281
19 07 78 1305              .3        0.186     0.590    0.017     0.634     0.837     0.404     1.241     343.0       5.2       338
22 08 78 0950              .3        0.022     0.410    0.007     0.683     0.712     0.388     1.100     339.0      11.0       328
21 09 78 1015              .3        0.018     0.700    0.009     0.810     0.837     0.682     1.519     353.0      24.0       329



01 11 78 1030              .3        0.004     0.320    0.004     1.100     1.108     0.316     1.424     346.0       1.9       344
21 11 78 1240              .3        0.011     0.350    0.004     1.250     1.265     0.339     1.604     351.0       3.0       348

                      MAXIMUM        0.196     0.700    0.017     1.270     1.476     0.682     1.890     353.0      24.0       348
             AVG OR GEOM MN (*)      0.073     0.497    0.009     0.958     1.039     0.424     1.463     339.0      11.0       328
                      MINIMUM        0.004     0.320    0.004     0.634     0.712     0.316     1.100     302.0       1.9       281

                NO OF SAMPLES            6         6        6         6         6         6         6         6         6         6

                                      14        16       56
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB. CHLORIDE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN     MG/L
               FEET      MTRS        UMHOS     UNITS

10 04 78 1050              .3          460      8.90     21.0
19 07 78 1305              .3          500      2.70     34.0
22 08 78 0950              .3          485      4.90     30.0
21 09 78 1015              .3          510     10.0      24.0
01 11 78 1030              .3          560      2.00     33.0
21 11 78 1240              .3          550      2.40     30.5

                      MAXIMUM          560     10.0      34.0
             AVG OR GEOM MN (*)        511      5.15     28.8
                      MINIMUM          460      2.00     21.0

                NO OF SAMPLES            6         6        6


 B.O.W./ SITE: CREDIT RIVER WEST BRANCH                                                        STATION ID:  06-0076-004-02
SAMPLE POINT: HIGHWAY 7 NORVAL
STATION TYPE: RIVER    FLOW GAUGE FED 02HB008          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                     004
                                                        TERM STREAM: CREDIT RIVER                                     4170

STN NO:      4    LAT:              LONG:               U T M: 17 0591420.0 4833025.0 4    REGION: 03          MILEAGE:    21.70

                                      934      901      444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                     COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

10 04 78 1055              .3       37005   6        166.00     376.      10.  L    10.        4.0      12.6       1.5     0.059
19 07 78 1320              .3       37018   6         12.10     400.     336.      200.       16.0       9.8       0.8     0.435
22 08 78 0957              .3       37031   6         12.60     580.      92.       52.       16.0      11.2       0.2     0.240
21 09 78 1025              .3       37044   6         49.90    2300.     148.      176.       17.0      11.8       0.4     0.132
01 11 78 1040              .3       37057   6         17.80     200.      16.        8.        5.0      12.2       0.4     0.501
21 11 78 1245              .3       37070   6         28.80     170.       8.       20.        2.0      13.4       0.2     0.137

                      MAXIMUM                       166.00    2300.     336.      200.       17.0      13.4       1.5     0.501
             AVG OR GEOM MN (*)                      47.87     436.*     42.* D    38.*      10.0      11.8       0.6     0.251
                      MINIMUM                        12.10     170.       8.        8.        2.0       9.8       0.2     0.059

                NO OF SAMPLES                            6         6         6         6         6         6         6         6
```

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 04 78	1055			.3		0.024	0.840	1.300	0.021	1.530	2.391	0.460	2.851	363.0	12.0
19 07 78	1320			.3		0.375	2.150	2.650	0.063	2.440	4.653	0.700	5.353	567.0	8.1
22 08 78	0957			.3		0.195	0.040	0.460	0.014	4.970	5.024	0.420	5.444	599.0	5.1
21 09 78	1025			.3		0.090	0.036	0.960	0.015	1.880	1.931	0.924	2.855	479.0	16.0
01 11 78	1040			.3		0.480	0.007	0.400	0.006	5.540	5.553	0.393	5.946	582.0	2.5
21 11 78	1245			.3		0.027	0.023	0.410	0.004	3.600	3.627	0.387	4.014	510.0	2.0
MAXIMUM						0.480	2.150	2.850	0.063	5.540	5.553	0.924	5.946	599.0	16.0
AVG OR GEOM MN (*)						0.199	0.516	1.063	0.021	3.327	3.863	0.547	4.411	516.7	7.6
MINIMUM						0.024	0.007	0.400	0.004	1.530	1.931	0.387	2.851	363.0	2.0
NO OF SAMPLES						6	6	6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 04 78	1055			.3		351	570	5.80	42.0
19 07 78	1320			.3		559	860	1.80	120.0
22 08 78	0957			.3		594	900	1.70	125.0
21 09 78	1025			.3		463	700	5.1	57.0
01 11 78	1040			.3		580	940	1.60	118.0
21 11 78	1245			.3		508	810	3.00	82.0
MAXIMUM						594	940	5.80	125.0
AVG OR GEOM MN (*)						509	797	3.17	90.7
MINIMUM						351	570	1.60	42.0
NO OF SAMPLES						6	6	6	6

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: HIGHWAY 10 DOWNSTREAM FROM ORANGEVILLE STP.
STATION TYPE: RIVER FLOW GAUGE FED 02HB013

STATION ID: 06-0076-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 6 LAT: LONG: U T M: 17 0575210.0 4862025.0 4 REGION: 03 MILEAGE: 52.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	1030			.3		38301	4	27.50	340.	2.	12.	3.6	4.8	0.8	0.107
25 01 78	1015			.3		38343	4	27.10	300.	10. L	1000. L	4.5	4.1	0.6	0.109
21 02 78	1050			.3		38349	4	22.40	190.	2.	4.	2.5	4.2	0.6	0.125
28 03 78	1105			.3		38389	6	34.70	10. L	2. L	6.	3.0	8.6	0.4	0.075
11 04 78	1030			.3		37012	6	123.00	1200.	92.	392.	3.0	10.2	1.4	0.072
	1040			.3		38429	3	123.00	1000.	52.	316.	5.0	9.3	1.2	0.090
09 05 78	1025			.3		38471	6	31.50	56.	28.	40.	11.0	7.0	0.8	0.159
28 06 78	1035			.3		38511	7	11.40	800.	16.	36.	21.0	5.4	0.6	0.330
20 07 78	1400			.3		37025	7	8.80	3300.	44.	128.	19.0	9.6	0.8	0.505
	1435			.3		38553	7	8.80	600.	120.	260.	25.0	4.6	1.0	0.505
23 08 78	1040			.3		37038	7	14.30	130.	88.	624.	18.0	9.0	1.5	0.510
30 08 78	1200			.3		38596	5	16.50	110.	88.	56.	18.0	5.8	1.2	0.500
18 09 78	1050			.3		38637	8	28.20	610.	62.	56.	13.0	3.7	0.8	0.191
22 09 78	1045			.3		37051	7	46.70	330.	64.	90.	16.0	9.4	0.6	0.126
24 10 78	1100			.3		38678	6	17.60	10.	4.	8.	6.3	5.8	0.2	0.093
02 11 78	0925			.3		37064	8	17.30	60.	4. L	28.	4.0	8.8	0.4	0.087
08 11 78	1100			.3		38718	6	17.80				5.0	6.5	1.8	0.095
22 11 78	1245			.3		37077	8	19.30	410.	2.	6.	1.0	10.8	0.6	0.097
14 12 78	1130			.3		38756	4	20.60	420.	2. L	12.	0.8	9.4	1.2	0.107
MAXIMUM								123.00	3300.	120.	1000.	25.0	10.8	1.8	0.510
AVG OR GEOM MN (*)								32.45	238.* D	15.* D	51.* D	9.5	7.2	0.9	0.204
MINIMUM								8.80	10.	2.	4.	0.8	3.7	0.2	0.072
NO OF SAMPLES								19	18	18	18	19	19	19	19

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1030			.3		0.091	0.480	0.900	0.012	2.090	2.582	0.420	3.002	376.0	3.3
25 01 78	1015			.3		0.100	0.374	0.760	0.020	2.230	2.624	0.386	3.010	347.0	1.3
21 02 78	1050			.3		0.096	1.370	1.840	0.014	1.830	3.214	0.470	3.684	382.0	1.1
28 03 78	1105			.3		0.067	0.580	0.950	0.020	2.430	3.030	0.370	3.400	473.0	1.8
11 04 78	1030			.3		0.051	0.216	0.720	0.031	1.600	1.847	0.504	2.351	286.0	7.6
	1040			.3		0.061	0.170	0.660	0.028	1.570	1.768	0.490	2.258	290.0	20.0
09 05 78	1025			.3		0.105	0.730	1.490	0.075	2.800	3.605	0.760	4.365	457.0	2.2
28 06 78	1035			.3		0.315	0.040	0.580	0.011	0.200	0.251	0.540	0.791	494.0	21.0
20 07 78	1400			.3		0.400	0.032	0.500	0.004	0.021	0.057	0.468	0.525	422.0	1.6
	1435			.3		0.425	0.022	0.500	0.006	0.029	0.057	0.478	0.535	417.0	3.9
23 08 78	1040			.3		0.430	0.032	0.400	0.003	0.010	0.045	0.368	0.413	346.0	3.2
30 08 78	1200			.3		0.400	0.022	0.490	0.004	0.025	0.051	0.468	0.519	350.0	4.4
18 09 78	1050			.3		0.170	0.022	0.480	0.004	0.130	0.156	0.458	0.614	326.0	1.2
22 09 78	1045			.3		0.120	0.020	0.480	0.004	0.295	0.319	0.460	0.779	294.0	0.3
24 10 78	1100			.3		0.072	0.014	0.410	0.005	1.290	1.309	0.396	1.705	334.0	0.3
02 11 78	0925			.3		0.068	0.014	0.420	0.004	1.700	1.718	0.406	2.124	336.0	0.7
08 11 78	1100			.3		0.086	0.035	0.440	0.004	1.950	1.989	0.405	2.394	363.0	0.6
22 11 78	1245			.3		0.083	0.015	0.440	0.004	2.700	2.719	0.425	3.144	346.0	0.2
14 12 78	1130			.3		0.094	0.052	0.460	0.005	2.900	2.957	0.408	3.365	372.0	2.0
MAXIMUM						0.430	1.370	1.840	0.075	2.900	3.605	0.760	4.365	494.0	21.0
AVG OR GEOM MN (*)						0.170	0.223	0.680	0.014	1.358	1.595	0.457	2.051	369.0	4.0
MINIMUM						0.051	0.014	0.400	0.003	0.010	0.045	0.368	0.413	286.0	0.2
NO OF SAMPLES						19	19	19	19	19	19	19	19	19	19

(C O N T D)

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: HIGHWAY 10 DOWNSTREAM FROM ORANGEVILLE STP.
STATION TYPE: RIVER FLOW GAUGE FED 02HB013
STATION ID: 06-0076-006-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER
STORET CODE: 02
004
4170

STN NO: 6 LAT: LONG: U T M: 17 0575210.0 4862025.0 4 REGION: 03 MILEAGE: 52.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	1030			.3		373	615	2.30	42.0	37.5
25 01 78	1015			.3		346	600	1.40	39.5	37.0
21 02 78	1050			.3		381	640	1.70	44.0	36.0
28 03 78	1105			.3		471	780	1.30	93.0	
11 04 78	1030			.3		278	465	9.70	36.5	
	1040			.3		270	445	14.00	34.5	
09 05 78	1025			.3		455	720	1.80	68.0	
28 06 78	1035			.3		473	770	1.50	73.0	40.5
20 07 78	1400			.3		420	670	0.50	63.0	
	1435			.3		413	680	1.50	62.0	32.0
23 08 78	1040			.3		343	550	1.00	46.0	
30 08 78	1200			.3		346	560	0.60	49.5	23.5
18 09 78	1050			.3		325	530	0.7	39.5	32.5
22 09 78	1045			.3		294	455	0.70	29.5	
24 10 78	1100			.3		334	570	0.90	43.0	
02 11 78	0925			.3		335	570	0.60	43.0	
08 11 78	1100			.3		362	590	0.70	46.5	44.0
22 11 78	1245			.3		346	570	1.40	43.0	
14 12 78	1130			.3		370	610	1.50	53.0	48.5
MAXIMUM						473	780	14.00	93.0	48.5
AVG OR GEOM MN (*)						365	599	2.31	49.9	36.8
MINIMUM						270	445	0.50	29.5	23.5
NO OF SAMPLES						19	19	19	19	9

B.O.W./ SITE: BLACK CREEK
SAMPLE POINT: FIRST CONCESSION UPSTREAM FROM LIMEHOUSE
STATION TYPE: RIVER FLOW GAUGE FED 02HB106
STATION ID: 06-0076-008-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER
STORET CODE: 02
004
4170

STN NO: 8 LAT: LONG: U T M: 17 0579750.0 4830925.0 4 REGION: 03 MILEAGE: 31.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 04 78	1125			.3		37006	0	27.4	14000.	700.	710.	4.0	11.4	6.0	0.202
19 07 78	1415			.3		37019	8	3.6	200.	16.	180.	16.0	7.2	0.2	0.143
22 08 78	1025			.3		37032	8	3.0	440.	92.	44.	16.0	9.6	0.2	0.182
21 09 78	1105			.3		37045	8	8.4	5100.	292.	244.	17.0	10.4	0.8	0.176
01 11 78	1110			.3		37058	8	4.5	100.	10. L	10. L	6.0	9.4	0.4	0.180
21 11 78	1310			.3		37071	8		280.	60.	16.	2.0	13.8	0.8	0.113
MAXIMUM								27.4	14000.	700.	710.	17.0	13.8	6.0	0.202
AVG OR GEOM MN (*)								9.4	749.*	75.* D	78.* D	10.2	10.3	1.4	0.166
MINIMUM								3.0	100.	10.	10.	2.0	7.2	0.2	0.113
NO OF SAMPLES								5	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 04 78	1125			.3		0.006	4.950	6.450	0.039	1.260	6.249	1.500	7.749	565.0	11.0
19 07 78	1415			.3		0.115	0.032	0.420	0.016	7.110	7.158	0.388	7.546	1156.0	1.9
22 08 78	1025			.3		0.168	0.050	1.460	0.025	7.970	8.045	1.410	9.455	1089.0	1.6
21 09 78	1105			.3		0.160	0.040	0.520	0.006	3.290	3.336	0.480	3.816	672.0	1.6
01 11 78	1110			.3		0.130	0.221	0.750	0.140	8.060	8.421	0.529	8.950	1184.0	3.0
21 11 78	1310			.3		0.085	0.293	0.710	0.061	5.440	5.794	0.417	6.211	837.0	4.0
MAXIMUM						0.168	4.950	6.450	0.140	8.060	8.421	1.500	9.455	1184.0	11.0
AVG OR GEOM MN (*)						0.111	0.931	1.718	0.048	5.522	6.501	0.787	7.288	917.2	3.9
MINIMUM						0.006	0.032	0.420	0.006	1.260	3.336	0.388	3.816	565.0	1.6
NO OF SAMPLES						6	6	6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 04 78	1125			.3		554	950	8.50	133.0
19 07 78	1415			.3		1154	1700	1.00	320.0
22 08 78	1025			.3		1087	1650	1.00	305.0
21 09 78	1105			.3		670	1060	1.5	156.0
01 11 78	1110			.3		1181	1900	2.10	355.0
21 11 78	1310			.3		833	1340	4.00	215.0
MAXIMUM						1181	1900	8.50	355.0
AVG OR GEOM MN (*)						913	1433	3.02	247.3
MINIMUM						554	950	1.00	133.0
NO OF SAMPLES						6	6	6	6

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: AT COUNTY ROAD 9 TERRA COTTA
STATION TYPE: RIVER

STATION ID: 06-0076-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 10 LAT: LONG: U T M: 17 0586100.0 4841500.0 4 REGION: 03 MILEAGE: 31.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 04 78 0900			.3		37009	6	1400.	212.	356.	3.0	12.0	0.2		0.025
20 07 78 1115			.3		37022	6	980.	76.	48.	19.0	10.6	1.0	0.020	0.004
23 08 78 0940			.3		37035	6	1300.	388.	212.	18.0	9.8	0.6	0.062	0.026
22 09 78 0945			.3		37048	6	1000.	160.	190.	16.0	10.8	0.4	0.065	0.022
02 11 78 0830			.3		37061	6	130.	10.	10. L	4.0	11.2	0.2L	0.012	0.002
22 11 78 1200			.3		37074	6	200.	4. L	8.	1.0	14.4	0.2	0.018	0.004
MAXIMUM							1400.	388.	356.	19.0	14.4	1.0	0.065	0.026
AVG OR GEOM MN (*)							599.*	58.* D	62.* D	10.2	11.5	0.4D	0.035	0.014
MINIMUM							130.	4.	8.	1.0	9.8	0.2	0.012	0.002
NO OF SAMPLES							6	6	6	6	6	6	5	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 04 78 0900			.3				0.013	1.140				315.0	52.0	
20 07 78 1115			.3		0.018	0.350	0.008	0.422	0.448	0.332	0.780	277.0	3.6	
23 08 78 0940			.3		0.028	0.350	0.007	0.440	0.475	0.322	0.797	301.0	20.0	281
22 09 78 0945			.3		0.016	0.560	0.005	0.515	0.536	0.544	1.080	335.0	23.0	312
02 11 78 0830			.3		0.005	0.320	0.003	0.710	0.718	0.315	1.033	312.0	7.0	305
22 11 78 1200			.3		0.007	0.320	0.004	0.860	0.871	0.313	1.184	316.0	4.0	312
MAXIMUM					0.028	0.560	0.013	1.140	0.871	0.544	1.184	335.0	52.0	312
AVG OR GEOM MN (*)					0.015	0.380	0.007	0.681	0.610	0.365	0.975	309.3	18.3	303
MINIMUM					0.005	0.320	0.003	0.422	0.448	0.313	0.780	277 0	3.6	281
NO OF SAMPLES					5	5	6	6	5	5	5	6	6	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 04 78 0900			.3		263	405	41.00	15.5
20 07 78 1115			.3		273	420	1.60	17.5
23 08 78 0940			.3			435	0.80	16.5
22 09 78 0945			.3			460	4.90	15.5
02 11 78 0830			.3			490	1.90	18.5
22 11 78 1200			.3			485	2.00	17.0
MAXIMUM					273	490	41.00	18.5
AVG OR GEOM MN (*)					268	449	8.70	16.8
MINIMUM					263	405	0.80	15.5
NO OF SAMPLES					2	6	6	6

B.O.W./ SITE: SILVER CREEK
SAMPLE POINT: AT 8TH LINE SOUTH OF 27 SIDE ROAD
STATION TYPE: RIVER

STATION ID: 06-0076-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 12 LAT: LONG: U T M: 17 0583550.0 4836400.0 4 REGION: 03 MILEAGE: 27.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 04 78 1150			.3		37007	8	152.	4. L	8.	4.0	12.6	0.4	0.004	0.002
19 07 78 1445			.3		37020	8	110.	12.	60.	16.0	10.2	0.5	0.400	0.005
22 08 78 1040			.3		37033	8	320.	8.	100.	16.0	10.6	0.2	0.033	0.017
21 09 78 1125			.3		37046	8	900.	84.	244.	17.0	11.0	0.6	0.019	0.005
01 11 78 1135			.3		37059	8	100.	8.	32.	6.0	12.4	0.2	0.006	0.004
22 11 78 1120			.3		37072	8	200.	4. L	16.	1.0	13.2	0.2	0.096	0.003
MAXIMUM							900.	84.	244.	17.0	13.2	0.6	0.400	0.017
AVG OR GEOM MN (*)							214.*	10.* D	43.*	10.0	11.7	0.4	0.093	0.006
MINIMUM							100.	4.	8.	1.0	10.2	0.2	0.004	0.002
NO OF SAMPLES							6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 04 78 1150			.3		0.010	0.240	0.004	0.600	0.614	0.230	0.844	275.0	3.9	271
19 07 78 1445			.3		0.042	0.470	0.014	0.532	0.588	0.428	1.016	286.0	13.0	
22 08 78 1040			.3		0.030	0.360	0.006	0.289	0.325	0.330	0.655	289.0	13.0	
21 09 78 1125			.3		0.014	0.440	0.004	0.260	0.278	0.426	0.704	375.0	2.9	372
01 11 78 1135			.3		0.009	0.280	0.003	0.545	0.557	0.271	0.828	362.0	4.1	358
22 11 78 1120			.3		0.011	0.680	0.003	0.515	0.529	0.669	1.198	424.0	63.0	361
MAXIMUM					0.042	0.680	0.014	0.600	0.614	0.669	1.198	424.0	63.0	372
AVG OR GEOM MN (*)					0.019	0.412	0.006	0.457	0.482	0.392	0.874	335.2	16.7	341
MINIMUM					0.009	0.240	0.003	0.260	0.278	0.230	0.655	275.0	2.9	271
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 04 78 1150			.3			430	2.10	9.4
19 07 78 1445			.3		273	420	5.20	16.0
22 08 78 1040			.3		276	425	2.90	17.5
21 09 78 1125			.3			540	2.5	14.5
01 11 78 1135			.3			580	2.70	22.0
22 11 78 1120			.3			570	15.00	20.0
MAXIMUM					276	580	15.00	22.0
AVG OR GEOM MN (*)					275	494	5.07	16.6
MINIMUM					273	420	2.10	9.4
NO OF SAMPLES					2	6	6	6

```
 B.O.W./ SITE: CREDIT RIVER                                                                       STATION ID:  06-0076-013-02
 SAMPLE POINT: AT 22ND SIDE ROAD GLEN WILLIAMS
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                          004
                                                         TERM STREAM: CREDIT RIVER                                          4170

STN NO:     13     LAT:               LONG:               U T M: 17 0586500.0 4835400.0 4    REGION: 03            MILEAGE:    25.00

                                        934       901        80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                          MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

11 04 78 0830              .3         37008   6        3100.       124.       108.        3.0       12.6        0.5      0.108      0.020
20 07 78 1030              .3         37021   6         381.         8.        12.       19.0       11.0        1.4      0.044      0.002
22 08 78 1055              .3         37034   6         180.        56.        20.       17.0       12.6        0.5      0.023      0.003
21 09 78 1140              .3         37047   6        1300.       144.       292.       17.0       12.8        0.6      0.046      0.016
01 11 78 1150              .3         37060   6         100.  L     10.  L     10.        6.0       11.6        0.2      0.016      0.004
22 11 78 1145              .3         37073   6         210.         4.        28.        1.0       14.6        0.6      0.033      0.002

                      MAXIMUM                          3100.       144.       292.       19.0       14.6        1.4      0.108      0.020
          AVG OR GEOM MN (*)                            424.* D     26.* D     36.*      10.5       12.5        0.6      0.045      0.008
                      MINIMUM                           100.         4.        10.        1.0       11.0        0.2      0.016      0.002

                NO OF SAMPLES                              6          6          6          6          6          6          6          6

                                         19        20        21         22         17         18         23          5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS     SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

11 04 78 0830              .3         0.024     0.580     0.012      1.140      1.176      0.556      1.732      344.0       81.0
20 07 78 1030              .3         0.014     0.500     0.008      0.427      0.449      0.486      0.935      278.0       10.0        268
22 08 78 1055              .3         0.028     0.440     0.009      0.146      0.183      0.412      0.595      327.0       47.0        322
21 09 78 1140              .3         0.008     0.600     0.005      0.465      0.478      0.592      1.070      321.0       22.0        299
01 11 78 1150              .3         0.004     0.380     0.003      0.645      0.652      0.376      1.028      293.0        3.7        289
22 11 78 1145              .3         0.002     0.450     0.003      0.850      0.855      0.448      1.303      343.0       29.0        314

                      MAXIMUM         0.028     0.600     0.012      1.140      1.176      0.592      1.732      344.0       81.0        322
          AVG OR GEOM MN (*)          0.013     0.492     0.007      0.612      0.632      0.478      1.111      317.7       32.1        298
                      MINIMUM         0.002     0.380     0.003      0.146      0.183      0.376      0.595      278.0        3.7        268

                NO OF SAMPLES             6         6         6          6          6          6          6          6          6          5

                                        107        14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ   CALCUL        COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      D-SOLIDS        25C  FORMAZIN       MG/L
               FEET      MTRS      MG/L          UMHOS     UNITS

11 04 78 0830              .3           263        405     47.00       14.5
20 07 78 1030              .3                      425      2.40       18.0
22 08 78 1055              .3                      460      2.60       19.5
21 09 78 1140              .3                      450      7.0        15.0
01 11 78 1150              .3                      475      1.80       18.5
22 11 78 1145              .3                      485     10.00       17.5

                      MAXIMUM           263        485     47.00       19.5
          AVG OR GEOM MN (*)            263        450     11.80       17.2
                      MINIMUM           263        405      1.80       14.5

                NO OF SAMPLES             1          6         6          6


 B.O.W./ SITE: CREDIT RIVER ERIN BRANCH                                                           STATION ID:  06-0076-015-02
 SAMPLE POINT: AT WELLINGTON AND PEEL COUNTY BOUNDRY
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                          004
                                                         TERM STREAM: CREDIT RIVER                                          4170

STN NO:     15     LAT:               LONG:               U T M: 17 0577600.0 4848100.0 4    REGION: 03            MILEAGE:    43.40

                                        934       901        80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                          MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

11 04 78 0910              .3         37010   6        2300.        72.       204.        3.0       13.2        0.5      0.038      0.008
20 07 78 1200              .3         37023   6         450.        20.       144.       19.0       11.8        0.5      0.014      0.009
23 08 78 1000              .3         37036   6         180.        36.       208.       18.0       10.4        0.2      0.020      0.005
22 09 78 1005              .3         37049   6         250.        48.       140.       16.0       11.6        1.0      0.015      0.005
02 11 78 0850              .3         37062   6          10.  L      4.  L      8.        4.0       10.2        0.2L     0.008      0.002
22 11 78 1215              .3         37075   6          70.         4.  L     24.        1.0       12.6        0.2      0.003      0.002

                      MAXIMUM                          2300.        72.       208.       19.0       13.2        1.0      0.038      0.009
          AVG OR GEOM MN (*)                            179.* D     18.* D     74.*      10.2       11.6        0.4D     0.016      0.005
                      MINIMUM                            10.         4.         8.        1.0       10.2        0.2      0.003      0.002

                NO OF SAMPLES                              6          6          6          6          6          6          6          6

                                         19        20        21         22         17         18         23          5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS     SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

11 04 78 0910              .3         0.014     0.460     0.008      1.290      1.312      0.446      1.758      258.0       14.0
20 07 78 1200              .3         0.020     0.300     0.011      2.590      2.621      0.280      2.901      314.0        4.2        310
23 08 78 1000              .3         0.010     0.260     0.006      1.590      1.606      0.250      1.856      311.0        2.9        308
22 09 78 1005              .3         0.010     0.440     0.004      1.050      1.064      0.430      1.494      322.0        2.5        320
02 11 78 0850              .3         0.005     0.240     0.003      1.650      1.658      0.235      1.893      320.0        1.0        319
22 11 78 1215              .3         0.004     0.280     0.003      1.600      1.607      0.276      1.883      314.0        0.9        313

                      MAXIMUM         0.020     0.460     0.011      2.590      2.621      0.446      2.901      322.0       14.0        320
          AVG OR GEOM MN (*)          0.011     0.330     0.006      1.628      1.645      0.320      1.964      306.5        4.3        314
                      MINIMUM         0.004     0.240     0.003      1.050      1.064      0.235      1.494      258.0        0.9        308

                NO OF SAMPLES             6         6         6          6          6          6          6          6          6          5

                                        107        14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ   CALCUL        COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      D-SOLIDS        25C  FORMAZIN       MG/L
               FEET      MTRS      MG/L          UMHOS     UNITS

11 04 78 0910              .3           244        375      4.40       10.0
20 07 78 1200              .3                      480      0.60       16.5
23 08 78 1000              .3                      465      0.80       15.0
22 09 78 1005              .3                      475      1.00       14.5
02 11 78 0850              .3                      500      0.80       16.0
22 11 78 1215              .3                      485      1.00       16.0

                      MAXIMUM           244        500      4.40       16.5
          AVG OR GEOM MN (*)            244        463      1.43       14.7
                      MINIMUM           244        375      0.60       10.0

                NO OF SAMPLES             1          6         6          6
 B.O.W./ SITE: FLETCHER'S CREEK                                                               STATION ID:  06-0076-016-02
 SAMPLE POINT: AT STEELS AVE,BRAMPTON
 STATION TYPE: RIVER
                                                        MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                          004
                                                        TERM STREAM: CREDIT RIVER                                          4170

STN NO:    16    LAT:               LONG:             U T M: 17 0601450.0 4834500.0 4    REGION: 03           MILEAGE:   16.30

                                        934        901        80        81        84        805        3         1         33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD      TOTAL     FECAL      M.F.      WATER     DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO              COLIFORM  COLIFORM    ENTER.     TEMP.       02       BOD         P   REACTIVE
               FEET      MTRS                            MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L      MG/L      MG/L     P MG/L

10 04 78 1025              .3          37003    8         1200.      40.      190.         4.0      11.0       1.4     0.090     0.042
19 07 78 1235              .3          37016    8          900.      60.      110.        16.0      12.2       8.0     0.045     0.001L
22 08 78 0925              .3          37029    8          920.      68.      220.        16.0       7.8       1.2     0.018     0.002
21 09 78 1000              .3          37042    8        11500.    1240.      600.  G     17.0       8.6       1.0     0.112     0.058
01 11 78 1005              .3          37055    8           80.     200.      400.         5.0      11.6       1.4     0.040     0.002
21 11 78 1220              .3          37068    8         2100.     370.     1500.  G      1.0      14.8       0.2     0.068     0.025

                     MAXIMUM                             11500.    1240.     1500.        17.0      14.8       8.0     0.112     0.058
            AVG OR GEOM MN (*)                            1115.*    157.*     344.* U      9.8      11.0       2.2     0.062     0.022D
                     MINIMUM                               80.      40.      110.         1.0       7.8       0.2     0.018     0.001

               NO OF SAMPLES                                  6        6         6          6         6         6         6         6

                                        19         20         21        22        17        18        23        5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL   FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL   NO2-N     NO3-N           N   ORGNC  N             SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS           MG/L      MG/L   MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 04 78 1025              .3          0.220     1.120     0.028     1.120     1.368     0.900     2.268     375.0       7.1       368
19 07 78 1235              .3          0.018     0.700     0.015     0.568     0.601     0.682     1.283    1567.0      45.0      1522
22 08 78 0925              .3          0.018     0.380     0.004     0.066     0.088     0.362     0.450     337.0      45.0       292
21 09 78 1000              .3          0.104     0.440     0.130     5.120     5.354     0.336     5.690     506.0      12.0       494
01 11 78 1005              .3          0.002     0.450     0.003     0.035     0.040     0.448     0.488     420.0      13.0       407
21 11 78 1220              .3          0.034     0.840     0.022     1.330     1.386     0.806     2.192     517.0       7.0       510

                     MAXIMUM           0.220     1.120     0.130     5.120     5.354     0.900     5.690    1567.0      45.0      1522
            AVG OR GEOM MN (*)         0.066     0.655     0.034     1.373     1.473     0.589     2.062     620.3      21.5       599
                     MINIMUM           0.002     0.380     0.003     0.035     0.040     0.336     0.450     337.0       7.0       292

               NO OF SAMPLES               6         6         6         6         6         6         6         6         6         6

                                        14         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ       COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH            25C   FORMAZIN       MG/L
               FEET      MTRS          UMHOS      UNITS

10 04 78 1025              .3            560       8.20       50.0
19 07 78 1235              .3           2000       6.50      538.0
22 08 78 0925              .3            436       2.80       55.0
21 09 78 1000              .3            740      15.0        89.0
01 11 78 1005              .3            660       4.40       47.0
21 11 78 1220              .3            780       7.40       85.0

                     MAXIMUM            2000      15.0       538.0
            AVG OR GEOM MN (*)           863       7.38      144.0
                     MINIMUM             436       2.80       47.0

               NO OF SAMPLES               6          6          6
```

```
 B.O.W./ SITE: CREDIT RIVER                                                                   STATION ID:  06-0076-017-02
 SAMPLE POINT: AT DERRY ROAD WEST OF HIGHWAY NO 10
 STATION TYPE: RIVER
                                                        MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                          004
                                                        TERM STREAM: CREDIT RIVER                                          4170

STN NO:    17    LAT:               LONG:             U T M: 17 0602200.0 4830500.0 4    REGION: 03           MILEAGE:   13.40

                                        934        901        80        81        84        805        3         1         33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD      TOTAL     FECAL      M.F.      WATER     DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO              COLIFORM  COLIFORM    ENTER.     TEMP.       02       BOD         P   REACTIVE
               FEET      MTRS                            MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L      MG/L      MG/L     P MG/L

10 04 78 0940              .3          37002    8          440.      10.  L   100.         4.0      11.8       0.8     0.031     0.008
19 07 78 1240              .3          37015    8          600.      56.       84.        16.0      14.8       0.4     0.029     0.001
22 08 78 0915              .3          37028    8          270.      44.       92.        15.0       9.2       0.4     0.031     0.013
21 09 78 0945              .3          37041    8         2300.     232.      284.        17.0      10.4       0.8     0.094     0.023
01 11 78 0935              .3          37054    8           70.      10.  L    10.  L      5.0      13.2       0.2     0.021     0.001
21 11 78 1145              .3          37067    8           80.      44.       32.         1.0      15.6       0.2     0.030     0.015

                     MAXIMUM                              2300.     232.      284.        17.0      15.6       0.8     0.094     0.023
            AVG OR GEOM MN (*)                             312.*     37.* D    64.* D      9.7      12.5       0.5     0.039     0.010
                     MINIMUM                                70.      10.       10.         1.0       9.2       0.2     0.021     0.001

               NO OF SAMPLES                                  6        6         6          6         6         6         6         6

                                        19         20         21        22        17        18        23        5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL   FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL   NO2-N     NO3-N           N   ORGNC  N             SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS           MG/L      MG/L   MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 04 78 0940              .3          0.154     0.540     0.013     1.340     1.507     0.386     1.893     322.0      31.0       291
19 07 78 1240              .3          0.014     0.490     0.013     0.507     0.534     0.476     1.010     332.0      12.0       320
22 08 78 0915              .3          0.040     0.400     0.008     0.532     0.580     0.360     0.940     380.0      70.0       310
21 09 78 0945              .3          0.024     1.260     0.009     0.720     0.753     1.236     1.989     370.0      28.0       340
01 11 78 0935              .3          0.002     0.380     0.005     0.945     0.952     0.378     1.330     353.0       6.8       346
21 11 78 1145              .3          0.011     0.440     0.004     1.100     1.115     0.429     1.544     348.0      10.0       338

                     MAXIMUM           0.154     1.260     0.013     1.340     1.507     1.236     1.989     380.0      70.0       346
            AVG OR GEOM MN (*)         0.041     0.585     0.009     0.857     0.907     0.544     1.451     350.8      26.3       324
                     MINIMUM           0.002     0.380     0.004     0.507     0.534     0.360     0.940     322.0       6.8       291

               NO OF SAMPLES               6         6         6         6         6         6         6         6         6         6

                                        14         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ       COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH            25C   FORMAZIN       MG/L
               FEET      MTRS          UMHOS      UNITS

10 04 78 0940              .3            455      13.00       21.0
19 07 78 1240              .3            475       3.00       35.5
22 08 78 0915              .3            460       3.60       29.5
21 09 78 0945              .3            510      14.0        24.0
01 11 78 0935              .3            560       2.10       34.0
21 11 78 1145              .3            540       4.50       29.5

                     MAXIMUM             560      14.0        35.5
            AVG OR GEOM MN (*)           500       6.70       28.9
                     MINIMUM             455       2.10       21.0

               NO OF SAMPLES               6          6          6
```

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: AT 20 SIDE ROAD CALEDON TOWNSHIP
STATION TYPE: RIVER

STATION ID: 06-0076-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 18 LAT: LONG: U T M: 17 0576400.0 4856150.0 4 REGION: 03 MILEAGE: 46.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 04 78 0935			.3		37011	6	220.	92.	48.	3.0	11.8	0.8	0.043	0.014
20 07 78 1310			.3		37024	6	3600.	132.	220.	19.0	11.2	0.8	0.122	0.090
23 08 78 1020			.3		37037	6	600.	132.	712.	18.0	10.0	0.4	0.151	0.130
22 09 78 1025			.3		37050	6	550.	152.	170.	16.0	10.8	1.0	0.121	0.067
02 11 78 0915			.3		37063	6	40.	16.	12.	4.0	11.4	0.6	0.032	0.021
22 11 78 1235			.3		37076	6	140.	4. L	8.	1.0	13.8	0.2	0.043	0.029
MAXIMUM							3600.	152.	712.	19.0	13.8	1.0	0.151	0.130
AVG OR GEOM MN (*)							337.*	50.* D	70.*	10.2	11.5	0.6	0.085	0.059
MINIMUM							40.	4.	8.	1.0	10.0	0.2	0.032	0.014
NO OF SAMPLES							6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 04 78 0935			.3		0.022	0.460	0.010	1.000	1.032	0.438	1.470	242.0	11.0	
20 07 78 1310			.3		0.010	0.410	0.005	0.255	0.270	0.400	0.670	302.0	2.6	299
23 08 78 1020			.3		0.014	0.340	0.005	0.260	0.279	0.326	0.605	280.0	4.2	
22 09 78 1025			.3		0.022	0.580	0.007	0.280	0.309	0.558	0.867	316.0	13.0	303
02 11 78 0915			.3		0.007	0.360	0.006	0.850	0.863	0.353	1.216	301.0	2.0	299
22 11 78 1235			.3		0.013	0.450	0.005	1.140	1.158	0.437	1.595	308.0	2.0	306
MAXIMUM					0.022	0.580	0.010	1.140	1.158	0.558	1.595	316.0	13.0	306
AVG OR GEOM MN (*)					0.015	0.433	0.006	0.631	0.652	0.419	1.071	291.5	5.8	302
MINIMUM					0.007	0.340	0.005	0.255	0.270	0.326	0.605	242.0	2.0	299
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 04 78 0935			.3		231	355	4.00	13.0
20 07 78 1310			.3			465	0.90	24.5
23 08 78 1020			.3		276	425	1.30	19.0
22 09 78 1025			.3			455	2.70	19.5
02 11 78 0915			.3			490	1.10	22.5
22 11 78 1235			.3			460	4.60	20.5
MAXIMUM					276	490	4.60	24.5
AVG OR GEOM MN (*)					254	442	2.43	19.8
MINIMUM					231	355	0.90	13.0
NO OF SAMPLES					2	6	6	6

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: AT THE SOUTHERN DAM OF ORANGEVILLE RESERVOIR
STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 19 LAT: LONG: U T M: 17 0573500.0 4863975.0 4 REGION: 03 MILEAGE: 54.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1200			.3		38300	6	112.	2. L	4. L	2.4	7.6	0.8	0.030	0.004
25 01 78 1035			.3		38344	6	300.	10. L	10. L	5.0	5.1	0.2	0.026	0.004
21 02 78 1115			.3		38350	8 0	168.	2.	10.	1.5	5.3	0.8	0.040	0.008
28 03 78 1115			.3		38390	6	124.	14.	10.	2.0	7.7	0.8	0.042	0.007
11 04 78 1245			.3		38430	6	436.	2.	10.	5.0	9.3	0.2	0.013	0.005
09 05 78 1045			.3		38472	6	20.	10. L	10. L	10.5	12.0	2.0	0.035	0.002
28 06 78 1130			.3		38512	6	1240.	4. L	12.	23.0	8.7	3.0	0.090	0.001
20 07 78 1330			.3		38554	6	10000. L	10000. L	1000. L	25.0	7.5	4.0	0.078	0.010
30 08 78 1215			.3		38597	6	4. L	2. L	2. L	20.0	10.4	3.0	0.088	0.002
18 09 78 1100			.3		38638	6	150.	4.	4.	14.9	7.9	2.5	0.078	0.003
24 10 78 1115			.3		38679	6	240.	2. L	2.	7.2	10.4	1.0	0.036	0.003
08 11 78 1110			.3		38719	6				6.8	9.9	1.4	0.030	0.003
14 12 78 1145			.3		38757	6	170.	2.	2.	2.5	10.5	1.2	0.025	0.003
MAXIMUM							10000.	10000.	1000.	25.0	12.0	4.0	0.090	0.010
AVG OR GEOM MN (*)							187.* D	7.* D	9.* D	9.7	8.6	1.6	0.047	0.004
MINIMUM							4.	2.	2.	1.5	5.1	0.2	0.013	0.001
NO OF SAMPLES							12	12	12	13	13	13	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1200			.3		0.238	0.750	0.008	2.590	2.836	0.512	3.348	282.0	2.3	280
25 01 78 1035			.3		0.218	0.620	0.011	0.184	0.413	0.402	0.815	259.0	0.9	258
21 02 78 1115			.3		0.305	0.860	0.010	0.315	0.630	0.555	1.185	298.0	2.9	295
28 03 78 1115			.3		0.342	0.740	0.024	0.729	1.095	0.398	1.493	307.0	4.6	302
11 04 78 1245			.3		0.092	0.290	0.011	2.090	2.193	0.198	2.391	275.0	4.5	271
09 05 78 1045			.3		0.054	0.630	0.006	0.035	0.095	0.576	0.671	217.0	5.5	
28 06 78 1130			.3		0.004	1.100	0.002	0.010	0.016	1.096	1.112	214.0	16.0	
20 07 78 1330			.3		0.008	0.980	0.004	0.381	0.393	0.972	1.365	214.0	12.0	
30 08 78 1215			.3		0.032	1.030	0.003	0.345	0.380	0.998	1.378	201.0	11.0	
18 09 78 1100			.3		0.010	0.960	0.002	0.020	0.032	0.950	0.982	195.0	9.5	
24 10 78 1115			.3		0.040	0.600	0.004	0.050	0.094	0.560	0.654	220.0	6.0	
08 11 78 1110			.3		0.021	0.580	0.004	0.096	0.121	0.559	0.680	227.0	3.0	
14 12 78 1145			.3		0.100	0.530	0.007	0.308	0.415	0.430	0.845	265.0	2.0	
MAXIMUM					0.342	1.100	0.024	2.590	2.836	1.096	3.348	307.0	16.0	302
AVG OR GEOM MN (*)					0.113	0.744	0.007	0.550	0.670	0.631	1.301	244.2	6.2	281
MINIMUM					0.004	0.290	0.002	0.010	0.016	0.198	0.654	195.0	0.9	258
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	5

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	1200			.3			466	1.70	13.5	20.5
25 01 78	1035			.3			453	1.70	13.5	19.5
21 02 78	1115			.3			473	2.60	13.0	19.0
28 03 78	1115			.3			495	4.80	21.5	
11 04 78	1245			.3			465	3.50	20.0	
09 05 78	1045			.3		211	325	2.60	9.0	
28 06 78	1130			.3		198	305	5.60	10.0	10.5
20 07 78	1330			.3		202	310	5.80	11.5	13.0
30 08 78	1215			.3		190	290	6.00	12.0	12.0
18 09 78	1100			.3		185	285	4.9	10.0	12.0
24 10 78	1115			.3		214	330	3.50	11.0	
08 11 78	1110			.3		224	345	2.50	10.1	22.0
14 12 78	1145			.3		263	405	2.00	12.5	28.0
MAXIMUM						263	495	6.00	21.5	28.0
AVG OR GEOM MN (*)						211	381	3.63	12.9	17.4
MINIMUM						185	285	1.70	9.0	10.5
NO OF SAMPLES						8	13	13	13	9

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: SOUTH OF HIGHWAY NO 136 BELOW ORANGEVILLE S T P
STATION TYPE: RIVER

STATION ID: 06-0076-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO: 20 LAT: LONG: U T M: 17 0573550.0 4862750.0 4 REGION: 03 MILEAGE: 53.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
25 01 78	1050			.3		38345	6	500.	10. L	10. L	4.5	7.5	0.4	0.046	0.017
21 02 78	1145			.3		38351	6	4. L	2. L	2. L	2.0	8.6	0.8	0.210	0.170
28 03 78	1130			.3		38391	6	4.	2. L	2. L	4.0	9.0	0.6	0.099	0.068
11 04 78	1100			.3		38431	3	4.	4. L	10. L	5.0	8.9	2.0	0.485	0.180
09 05 78	1100			.3		38473	8	4. L	4. L	100. L	11.0	10.5	0.8	0.520	0.265
28 06 78	1045			.3		38513	8	10.	2. L	2. L	19.0	5.7	1.0	0.530	0.380
20 07 78	1245			.3		38555	8	10. L	10. L	10. L	26.0	8.2	2.0	0.245	0.205
30 08 78	1245			.3		38598	8	4. L	2. L	2. L	18.0	6.8	1.2	0.590	0.550
18 09 78	1125			.3		38639	8	4. L	2. L	6.	13.8	6.4	2.0	0.180	0.130
24 10 78	1130			.3		38680	8	48.	4.	2. L	9.0	9.4	1.0	0.126	0.083
08 11 78	1125			.3		38720	6				8.6	9.9	1.0	0.340	0.290
14 12 78	1205			.3		38758	6	60.	2. L	6.	3.5	11.2	1.0	0.255	0.145
MAXIMUM								500.	10.	100.	26.0	11.2	2.0	0.590	0.550
AVG OR GEOM MN (*)								12.* D	3.* D	5.* D	10.4	8.5	1.2	0.302	0.207
MINIMUM								4.	2.	2.	2.0	5.7	0.4	0.046	0.017
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
25 01 78	1050			.3		0.334	0.760	0.025	0.565	0.924	0.426	1.350	300.0	1.2	299
21 02 78	1145			.3		2.660	3.000	0.057	1.150	3.867	0.340	4.207	385.0	3.1	382
28 03 78	1130			.3		1.380	1.920	0.059	1.090	2.529	0.540	3.069	421.0	3.4	418
11 04 78	1100			.3		1.480	4.150	0.059	2.140	3.679	2.670	6.349	397.0	33.0	364
09 05 78	1100			.3		5.850	7.000	0.390	1.640	7.880	1.150	9.030	504.0	19.0	485
28 06 78	1045			.3		3.550	4.400	0.200	3.180	6.930	0.850	7.780	515.0	7.6	507
20 07 78	1245			.3		1.890	2.750	0.155	1.040	3.085	0.860	3.945	358.0	14.0	344
30 08 78	1245			.3		0.590	1.400	0.165	6.330	7.085	0.810	7.895	538.0	5.0	533
18 09 78	1125			.3		0.540	1.280	0.155	2.140	2.835	0.740	3.575	371.0	8.3	363
24 10 78	1130			.3		0.196	0.780	0.076	1.570	1.842	0.584	2.426	294.0	3.2	291
08 11 78	1125			.3		0.249	0.850	0.140	5.610	5.999	0.601	6.600	443.0	2.0	441
14 12 78	1205			.3		0.094	0.770	0.008	4.340	4.442	0.676	5.118	372.0	2.0	370
MAXIMUM						5.850	7.000	0.390	6.330	7.880	2.670	9.030	538.0	33.0	533
AVG OR GEOM MN (*)						1.568	2.422	0.124	2.566	4.258	0.854	5.112	408.2	8.5	400
MINIMUM						0.094	0.760	0.008	0.565	0.924	0.340	1.350	294.0	1.2	291
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
25 01 78	1050			.3		525	2.30	25.0	26.5
21 02 78	1145			.3		650	2.80	45.5	37.5
28 03 78	1130			.3		700	4.90	61.0	
11 04 78	1100			.3		590	39.00	52.0	
09 05 78	1100			.3		840	16.00	82.0	
28 06 78	1045			.3		820	4.60	73.0	60.0
20 07 78	1245			.3		580	4.80	56.0	46.5
30 08 78	1245			.3		785	3.20	88.0	63.0
18 09 78	1125			.3		570	6.1	51.0	40.5
24 10 78	1130			.3		490	2.90	32.0	
08 11 78	1125			.3		700	1.90	69.0	62.0
14 12 78	1205			.3		570	2.00	59.0	48.0
MAXIMUM						840	39.00	88.0	63.0
AVG OR GEOM MN (*)						652	7.54	57.8	48.0
MINIMUM						490	1.90	25.0	26.5
NO OF SAMPLES						12	12	12	8

STATION ID: 06-0080-001-02

B.O.W./ SITE: ETOBICOKE CREEK
SAMPLE POINT: HIGHWAY 2 LONG BRANCH
STATION TYPE: RIVER FLOW GAUGE FED 02HC030

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

STN NO: 1 LAT: LONG: . U T M: 17 0617340.0 4827025.0 4 REGION: 03 MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 02 78 1146			.3		37533	6 4	10.40	7000.	70.	200.	0.5		0.8	0.069
23 02 78 1215			.3		36140	4	28.50	7300.	100. L	200.	0.0	11.2	1.4	0.080
22 03 78 1535			.3		37552	6	646.00	6900.	130.	560.	2.4	13.0	5.6	0.286
12 04 78 1445			.3		36203	6	323.00	3200.	210.	1500. G	6.0	9.1	3.0	0.252
13 04 78 1545			.3		37571	6	152.00	1600.	110.	360.	7.5	13.6	1.4	0.192
09 05 78 1315			.3		36268	6	77.00	13000.	570.	310.	11.0	8.4	4.0	0.097
17 05 78 1425			.3		37590	6	97.80	24000.	730.	670.	13.3	10.8	3.6	0.129
06 06 78 1100			.3		36331	7	12.60	400.	8.	100.	17.2	12.3	1.0	0.022
15 06 78 1605			.3		37609	6	15.60	5800.	364.	100.	19.9	8.8	0.8	0.035
06 07 78 1230			.3		36393	6	10.80	700.	50.	60.	17.0	12.4	1.0	0.034
17 07 78 1417			.3		37628	6 0	5.00	53000.	600. G	408.	24.6	13.8	0.4	0.044
09 08 78 1330			.3		36455	6	29.70	54000.	4300.	2900.	20.5	6.8	3.5	0.082
23 08 78 1320			.3		37647	6	7.40	41000E+1	5000.	1400.	22.0	13.2	2.4	0.024
14 09 78 1400			.3		36516	6	28.30	17000.	900.	200.	17.0	9.5	0.8	0.078
18 09 78 1445			.3		37666	6	293.00	59000.	1000.	4000.	11.9	10.4	4.8	0.610
30 10 78 1506			.3		37685	6	13.80	50000.	4700.	2900.	7.5	13.9	1.6	0.050
31 10 78 1155			.3		36640	6	14.40	5000.	50.	10.	9.2	14.8	1.2	0.027
30 11 78 1100			.3		36698	6	24.70	12000.	680.	1400.	2.5	15.6	12.0	0.110
01 12 78 1345			.3		37704	6	23.70	25000.	400.	500.	1.0	14.1	2.4	0.056
14 12 78 1200			.3		36757	6	26.50	1200.	50.	100.	0.0	9.6	2.0	0.053
MAXIMUM							646.00	41000E+1	5000.	4000.	24.6	15.6	12.0	0.610
AVG OR GEOM MN (*)							92.01	9985.*	305.* E	380.* U	10.6	11.6	2.7	0.117
MINIMUM							5.00	400.	8.	10.	0.0	6.8	0.4	0.022
NO OF SAMPLES							20	20	20	20	20	19	20	20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 02 78 1146			.3		0.048	0.258	0.810	0.021	0.824	1.103	0.552	1.655	1030.0	3.9
23 02 78 1215			.3		0.045	1.410	1.910	0.019	1.470	2.899	0.500	3.399	1012.0	6.2
22 03 78 1535			.3		0.100	0.610	1.940	0.043	1.200	1.853	1.330	3.183	462.0	149.0
12 04 78 1445			.3		0.087	0.700	2.240	0.050	1.650	2.400	1.540	3.940	434.0	69.0
13 04 78 1545			.3		0.060	0.334	0.780	0.044	1.560	1.938	0.446	2.384	484.0	26.0
09 05 78 1315			.3		0.009	0.002	0.770	0.088	1.240	1.330	0.768	2.098	565.0	55.0
17 05 78 1425			.3		0.039	0.440	1.400	0.054	1.030	1.524	0.960	2.484	453.0	26.0
06 06 78 1100			.3		0.001	0.008	0.620	0.013	0.185	0.206	0.612	0.818	739.0	7.2
15 06 78 1605			.3		0.011	0.062	0.530	0.018	0.325	0.405	0.468	0.873	566.0	3.0
06 07 78 1230			.3		0.001L	0.016	0.580	0.002	0.015	0.033	0.564	0.597	565.0	3.8
17 07 78 1417			.3		0.019	0.064	0.510	0.006	0.009	0.079	0.446	0.525	759.0	1.5
09 08 78 1330			.3		0.008	0.016	0.580	0.035	0.630	0.681	0.564	1.245	345.0	21.0
23 08 78 1320			.3		0.005	0.006	0.330	0.003	0.015	0.024	0.324	0.348	603.0	2.1
14 09 78 1400			.3		0.040	0.110	0.580	0.045	1.080	1.235	0.470	1.705	511.0	16.0
18 09 78 1445			.3		0.059	0.008	1.700	0.041	0.760	0.809	1.692	2.501	681.0	418.0
30 10 78 1506			.3		0.015	0.064	0.49	0.007	0.035	0.106	0.426	0.532	648.	19.
31 10 78 1155			.3		0.007	0.022	0.400	0.006	0.075	0.103	0.378	0.481	693.0	9.3
30 11 78 1100			.3		0.057	0.007	0.620	0.078	1.100	1.185	0.613	1.798	1572.0	18.0
01 12 78 1345			.3		0.002	0.002L	0.690	0.065	0.800	0.867	0.688	1.555	1159.0	10.0
14 12 78 1200			.3		0.017	0.024	0.670	0.027	1.570	1.621	0.646	2.267	732.0	3.0
MAXIMUM					0.100	1.410	2.240	0.088	1.650	2.899	1.692	3.940	1572.0	418.0
AVG OR GEOM MN (*)					0.032D	0.208D	0.908	0.033	0.779	1.020	0.699	1.719	700.7	43.4
MINIMUM					0.001	0.002	0.330	0.002	0.009	0.024	0.324	0.348	345.0	1.5
NO OF SAMPLES					20	20	20	20	20	20	20	20	20	20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
16 02 78 1146			.3		1026		1730	9.40	350.0					
23 02 78 1215			.3		1006		1650	8.30	315.0	120.0	2.85	8.04	0.550	1.0L
22 03 78 1535			.3		313		499	120.00	76.0					
12 04 78 1445			.3		365		570	58.00	66.0	46.0	2.60	8.14	4.500	1.0
13 04 78 1545			.3		458		700	27.00	88.0					
09 05 78 1315			.3		510		790	50.00	123.0	80.0	0.60	8.17	3.0	1.5
17 05 78 1425			.3		427		640	25.00	85.0					
06 06 78 1100			.3		732		1090	1.20	193.0	150.0	0.20	8.54	0.170	1.0L
15 06 78 1605			.3		563		870	2.40	143.0					
06 07 78 1230			.3		561		475	4.20	145.0	115.0	0.15	8.52	0.160	
17 07 78 1417			.3		757		1100	0.60	235.0					
09 08 78 1330			.3		324		480	15.00	76.0	55.0	0.40	7.68	1.160	1.0
23 08 78 1320			.3		601		860	1.40	158.0					
14 09 78 1400			.3		495		790	7.10	108.0	85.0	2.25	8.32	1.400	1.0L
18 09 78 1445			.3			263	405	235.00	53.0					
30 10 78 1506			.3		629		920	6.2	138.					
31 10 78 1155			.3		684		980	19.00	138.0	158.0	0.15	8.30	0.390	1.0
30 11 78 1100			.3		1554		2700	8.10	712.0	110.0	2.15	7.89	0.820	6.0
01 12 78 1345			.3		1149		1950	6.30	465.0					
14 12 78 1200			.3		729		1080	6.00	157.0	120.0	2.50	8.25	0.540	1.0L
MAXIMUM					1554	263	2700	235.00	712.0	158.0	2.85	8.54	4.500	6.0
AVG OR GEOM MN (*)					678	263	1014	30.51	191.2	103.9	1.39	8.19	1.269	1.60
MINIMUM					313	263	405	0.60	53.0	46.0	0.15	7.68	0.160	1.0
NO OF SAMPLES					19	1	20	20	20	10	10	10	10	9

(C O N T D)

```
                                              47       41      361       265       235       221       225       229       215       249
SAMP DTE HOUR  STN  STN SAMP  PJ         ORGANIC      COD  SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH             C AS C           EXTRBLES  ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
               FEET       MTRS              MG/L     MG/L     MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L

23 02 78 1215               .3               6.0       44
22 03 78 1535               .3               6.0       44
12 04 78 1445               .3               9.9       37        1     0.001     0.42    0.02 L    0.02      0.03 L    0.005L    0.07
13 04 78 1545               .3               9.9       37        1     0.001     0.42    0.02 L    0.02      0.03 L    0.005L    0.07
09 05 78 1315               .3               6.7       36
17 05 78 1425               .3               6.7       36
06 06 78 1100               .3               3.8       54
15 06 78 1605               .3               3.8       54
06 07 78 1230               .3               7.1       26
17 07 78 1417               .3               7.1       26
09 08 78 1330               .3               8.3       39              0.002     0.350   0.020L    0.010     0.040     0.005L    0.040
23 08 78 1320               .3               8.3       39              0.002     0.350   0.020L    0.010     0.040     0.005L    0.040
14 09 78 1400               .3               5.0       25
18 09 78 1445               .3               5.0       25
30 10 78 1506               .3               5.0       25
31 10 78 1155               .3               4.0       32                        0.150
30 11 78 1100               .3               7.0      136                        0.15
01 12 78 1345               .3               7.0      136                        0.15
14 12 78 1200               .3               5.2       37              0.001     0.50    0.02 L    0.02 L    0.03 L    0.005L    0.03

                       MAXIMUM               9.9      136        1     0.002     0.50    0.02      0.02      0.040     0.005     0.07
           AVG OR GEOM MN (*)                6.4       47        1     0.001     0.311   0.020D    0.016D    0.034D    0.005D    0.050
                       MINIMUM               3.8       25        1     0.001     0.150   0.02      0.010     0.03      0.005     0.03

                 NO OF SAMPLES                19       19        2         5         8         5         5         5         5         5

                                             238
SAMP DTE HCUR  STN  STN SAMP  PJ           TOTAL
DY MO YR LNT   DIST BRG DEPTH             NICKEL
               FEET       MTRS              MG/L

12 04 78 1445               .3              0.03
13 04 78 1545               .3              0.03
09 08 78 1330               .3              0.020L
23 08 78 1320               .3              0.020L
14 12 78 1200               .3              0.02 L

                       MAXIMUM              0.03
           AVG OR GEOM MN (*)               0.024D
                       MINIMUM              0.020

                 NO OF SAMPLES                 5
```

```
B.O.W./ SITE: ETOBICOKE CREEK WEST                                                     STATION ID:  06-0080-002-02
SAMPLE POINT: DERRY ROAD EAST MISSISSAUGA
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                004
                                                         TERM STREAM: ETOBICOKE CREEK                             4110

STN NO:      2    LAT:                 LONG:             U T M: 17 0606925.0 4836550.0 4   REGION: 03 DIST: 001  MILEAGE:   12.70

                                            934      901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE      SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH                NO           COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET       MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

22 03 78 1457               .3            37550    6      11600.      270.      320.       1.0      10.9       6.7     0.520     0.175
13 04 78 1507               .3            37569    6       1000.       80.     1500.       7.5      13.8       2.0     0.136     0.067
17 05 78 1357               .3            37588    6       1000.       80.      100.  L   13.0      14.5       1.6     0.063     0.018
15 06 78 1535               .3            37607    6         60.        4.       20.      19.9      13.1       0.2     0.017     0.002
17 07 78 1344               .3            37626    6         40.       20.       36.      27.1      11.2       0.4     0.018     0.002
23 08 78 1246               .3            37645    6        290.       50.       52.      25.1      12.0       0.2     0.019     0.003
18 09 78 1412               .3            37664    6     10700E+1    7900.     7200.      11.5       9.8       2.8     0.390     0.068
30 10 78 1432               .3            37683    6         30.       10.  L     4.  L    7.0      14.7       1.0     0.015     0.004

                       MAXIMUM                           10700E+1    7900.     7200.      27.1      14.7       6.7     0.520     0.175
           AVG OR GEOM MN (*)                                633.*     70.* D   123.* D   14.0      12.5       1.9     0.147     0.042
                       MINIMUM                                30.        4.        4.       1.0       9.8       0.2     0.015     0.002

                 NO OF SAMPLES                                  8         8         8         8         8         8         8         8

                                             19       20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ       FILTERED    TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH           AMMONIA KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS             MG/L     MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

22 03 78 1457               .3            0.980    2.760     0.040     1.510     2.530     1.780     4.310     517.0     228.0       289
13 04 78 1507               .3            0.308    1.500     0.042     1.640     1.990     1.192     3.182     352.0      24.0       328
17 05 78 1357               .3            0.002    1.100     0.031     0.980     1.013     1.098     2.111     399.0       7.2       392
15 06 78 1535               .3            0.010    0.450     0.002     0.005L    0.017     0.440     0.457     567.0       1.4       566
17 07 78 1344               .3            0.006    0.430     0.001     0.005L    0.012     0.424     0.436     807.0       1.8       805
23 08 78 1246               .3            0.022    0.320     0.002     0.005L    0.029     0.298     0.327     598.0       3.2       595
18 09 78 1412               .3            0.046    1.300     0.033     0.605     0.684     1.254     1.938     487.0     253.0
30 10 78 1432               .3            0.010    0.33      0.002     0.005     0.017     0.320     0.337     623.        3.4       620

                       MAXIMUM            0.980    2.760     0.042     1.640     2.530     1.780     4.310     807.0     253.0       805
           AVG OR GEOM MN (*)             0.173    1.024     0.019     0.5940    0.787     0.851     1.637     543.8      65.3       514
                       MINIMUM            0.002    0.320     0.001     0.005     0.012     0.298     0.327     352.0       1.4       289

                 NO OF SAMPLES                8        8         8         8         8         8         8         8         8         7
```

(C O N T D)

STATION ID: 06-0080-002-02

B.O.W./ SITE: ETOBICOKE CREEK WEST
SAMPLE POINT: DERRY ROAD EAST MISSISSAUGA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

STN NO: 2 LAT: LONG: U T M: 17 0606925.0 4836550.0 4 REGION: 03 DIST: 001 MILEAGE: 12.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 03 78 1457			.3			444	140.00	51.0
13 04 78 1507			.3			465	27.00	43.0
17 05 78 1357			.3			560	10.00	51.0
15 06 78 1535			.3			780	1.20	60.0
17 07 78 1344			.3			920	1.50	55.0
23 08 78 1246			.3			750	1.40	41.0
18 09 78 1412			.3		234	360	180.00	28.5
30 10 78 1432			.3			840	3.5	52.
MAXIMUM					234	920	180.00	60.0
AVG OR GEOM MN (*)					234	640	45.58	47.7
MINIMUM					234	360	1.20	28.5
NO OF SAMPLES					1	8	8	8

STATION ID: 06-0080-003-02

B.O.W./ SITE: ETOBICOKE CREEK
SAMPLE POINT: BURNHAMTHORPE ROAD MISSISSAUGA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

STN NO: 3 LAT: LONG: U T M: 17 0614050.0 4832400.0 4 REGION: 03 MILEAGE: 5.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1214			.3		37513	6 4	2800.	56.	44.	1.0		0.4	0.028	0.010
22 03 78 1516			.3		37551	6	9600.	150.	430.	2.0	12.2	1.2	0.354	0.110
13 04 78 1534			.3		37570	6	700.	80.	690.	8.0	13.6	1.8	0.124	0.047
17 05 78 1411			.3		37589	6	2100.	90.	170.	13.3	11.8	3.4	0.161	0.054
15 06 78 1552			.3		37608	6	210.	4.	30.	21.0	12.0	0.2	0.015	0.001
17 07 78 1401			.3		37627	6	400.	40.	70.	25.0	13.7	0.4	0.019	0.001L
23 08 78 1305			.3		37646	6	540.	80.	30.	23.3	13.0	0.6	0.025	0.002
18 09 78 1430			.3		37665	6	55000.	7000.	6000.	11.5	10.1	3.5	0.550	0.085
30 10 78 1447			.3		37684	6	840.	24.	20.	7.5	14.5	0.2L	0.010	0.002
01 12 78 1327			.3		37703	6	5000.	160.	192.	1.0	14.2	2.4	0.025	0.001
21 12 78 1355			.3		37722	6	1500.	20.	110.	2.0	12.3	16.	0.121	0.002
MAXIMUM							55000.	7000.	6000.	25.0	14.5	16.	0.550	0.110
AVG OR GEOM MN (*)							1794.*	75.*	138.*	10.5	12.7	2.70	0.130	0.029D
MINIMUM							210.	4.	20.	1.0	10.1	0.2	0.010	0.001
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1214			.3		0.112	0.440	0.011	0.884	1.007	0.328	1.335	759.0	2.8	756
22 03 78 1516			.3		0.690	2.260	0.041	1.100	1.831	1.570	3.401	475.0	207.0	
13 04 78 1534			.3		0.326	1.400	0.043	1.560	1.929	1.074	3.003	435.	35.	400
17 05 78 1411			.3		2.900	4.100	0.054	1.500	4.454	1.200	5.654	487.0	21.0	466
15 06 78 1552			.3		0.010	0.400	0.004	0.090	0.104	0.390	0.494	469.0	1.1	468
17 07 78 1401			.3		0.006	0.520	0.003	0.113	0.122	0.514	0.636	590.0	3.4	587
23 08 78 1305			.3		0.020	0.340	0.004	0.065	0.089	0.320	0.409	505.0	7.0	498
18 09 78 1430			.3		0.026	1.400	0.039	0.625	0.690	1.374	2.064	610.0	350.0	
30 10 78 1447			.3		0.006	0.27	0.002	0.075	0.083	0.264	0.347	574.	2.7	571
01 12 78 1327			.3		0.006	0.600	0.056	0.894	0.956	0.594	1.550	1179.0	6.0	1173
21 12 78 1355			.3		2.40	9.2	0.001L	0.055	2.456	6.800	9.256	1563.	13.	1550
MAXIMUM					2.900	9.2	0.056	1.560	4.454	6.800	9.256	1563.	350.0	1550
AVG OR GEOM MN (*)					0.591	1.903	0.023D	0.633	1.247	1.312	2.559	695.1	59.0	719
MINIMUM					0.006	0.27	0.001	0.055	0.083	0.264	0.347	435.	1.1	400
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 01 78 1214			.3			1185	3.10	140.0
22 03 78 1516			.3		268	413	140.00	55.0
13 04 78 1534			.3			580	33.	62.
17 05 78 1411			.3			680	23.00	68.0
15 06 78 1552			.3			690	1.40	85.0
17 07 78 1401			.3			770	1.30	99.0
23 08 78 1305			.3			660	2.80	80.0
18 09 78 1430			.3		260	400	260.00	41.0
30 10 78 1447			.3			820	2.7	77.
01 12 78 1327			.3			1950	5.00	485.0
21 12 78 1355			.3			2640	6.5	700.
MAXIMUM					268	2640	260.00	700.
AVG OR GEOM MN (*)					264	981	43.53	172.0
MINIMUM					260	400	1.30	41.0
NO OF SAMPLES					2	11	11	11

B.O.W./ SITE: ETOBICOKE CREEK
SAMPLE POINT: AT HIGHWAY 10 1.2 MILES NORTH WEST OF SNELGROVE
STATION TYPE: RIVER

STATION ID: 06-0080-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

STN NO: 4 LAT: LONG: U T M: 17 0593400.0 4843950.0 4 REGION: 03 MILEAGE: 23.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 03 78 1325			.3		37548	6	6000.	200.	1700.	1.8	9.8	4.5	0.374	0.185
13 04 78 1412			.3		37567	6	600.	170.	420.	6.5	13.0	3.0	0.170	0.075
17 05 78 1315			.3		37586	6	4700.	1400.	1500. G	11.4	10.4	1.0	0.102	0.034
15 06 78 1452			.3		37605	5	180.	110.	30.	16.0	10.4	1.5	0.089	0.025
17 07 78 1235			.3		37624	5	30.	10. L	100. L	21.0	8.8	1.8	0.107	0.007
23 08 78 1127			.3		37643	5	220.	20.	70.	19.8	10.1	1.6	0.094	0.014
18 09 78 1304			.3		37662	6	17000.	6500.	2100.	10.8	8.6	1.4	0.197	0.089
30 10 78 1345			.3		37681	6	36000.	920.	260.	5.0	8.8	6.5	0.080	0.008
MAXIMUM							36000.	6500.	2100.	21.0	13.0	6.5	0.374	0.185
AVG OR GEOM MN (*)							1369.*	224.* D	324.* E	11.5	10.0	2.7	0.152	0.055
MINIMUM							30.	10.	30.	1.8	8.6	1.0	0.080	0.007
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
22 03 78 1325			.3		0.990	2.620	0.042	1.500	2.532	1.630	4.162	258.0	38.0	
13 04 78 1412			.3		0.660	1.840	0.027	1.070	1.757	1.180	2.937	259.0	19.0	
17 05 78 1315			.3		0.034	1.180	0.024	0.670	0.728	1.146	1.874	333.0	15.0	318
15 06 78 1452			.3		0.114	0.910	0.046	0.295	0.455	0.796	1.251	384.0	10.0	374
17 07 78 1235			.3		0.010	0.930	0.002	0.005L	0.017	0.920	0.937	400.0	16.0	474
23 08 78 1127			.3		0.110	0.790	0.005	0.015	0.130	0.660	0.810	451.0	8.9	442
18 09 78 1304			.3		0.110	1.200	0.067	1.270	1.447	1.090	2.537	564.0	35.0	529
30 10 78 1345			.3		0.99	2.28	0.053	0.270	1.313	1.290	2.603	520	8.1	512
MAXIMUM					0.990	2.620	0.067	1.500	2.532	1.630	4.162	564.0	38.0	529
AVG OR GEOM MN (*)					0.377	1.469	0.033	0.637D	1.047	1.092	2.139	407.4	18.8	442
MINIMUM					0.010	0.790	0.002	0.005	0.017	0.660	0.810	258.0	8.1	318
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 03 78 1325			.3		220	338	23.00	35.0
13 04 78 1412			.3		240	370	18.00	25.0
17 05 78 1315			.3			470	11.00	38.5
15 06 78 1452			.3			610	5.60	46.0
17 07 78 1235			.3			720	10.00	125.0
23 08 78 1127			.3			650	3.70	21.5
18 09 78 1304			.3			800	35.00	103.0
30 10 78 1345			.3			780	4.4	69.
MAXIMUM					240	800	35.00	125.0
AVG OR GEOM MN (*)					230	592	13.84	57.9
MINIMUM					220	338	3.70	21.5
NO OF SAMPLES					2	8	8	8

B.O.W./ SITE: MIMICO CREEK
SAMPLE POINT: HIGHWAY 2 MIMICO
STATION TYPE: RIVER

STATION ID: 06-0082-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MIMICO CREEK

STORET CODE: 02
004
4090

STN NO: 1 LAT: LONG: U T M: 17 0622450.0 4830800.0 4 REGION: 03 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1251			.3		37515	6 4	700.	112.	120.	0.0		0.2	0.048	0.021
22 03 78 1557			.3		37553	6 4	54000.	1500. G	1400.	1.5	12.2	5.8	0.190	0.070
13 04 78 1606			.3		37572	6	4100.	180.	420.	5.9	14.1	1.4	0.222	0.125
17 05 78 1441			.3		37591	6	13000.	760.	640.	12.2	9.8	2.0	0.122	0.052
15 06 78 1626			.3		37610	6	590.	10. L	40.	8.7	11.4	1.0	0.047	0.012
17 07 78 1431			.3		37629	6 0	740.	28.	20.	16.0	10.6	0.6	0.074	0.011
23 08 78 1340			.3		37648	6 0	9500.	860.	70.	19.0	8.4	1.2	0.104	0.029
18 09 78 1502			.3		37667	6	95000.	4000.	7000.	12.4	9.5	3.0	0.410	0.094
30 10 78 1528			.3		37686	6	600.	20.	20.	6.9	11.9	0.4	0.074	0.026
01 12 78 1405			.3		37705	6	2300.	60.	100.	1.0	11.7	0.8	0.052	0.009
21 12 78 1452			.3		37724	6	14600.	360.	930.	1.5	13.3	9.5	0.075	0.032
MAXIMUM							95000.	4000.	7000.	19.0	14.1	9.5	0.410	0.125
AVG OR GEOM MN (*)							4518.*	187.* E	209.*	7.7	11.3	2.4	0.129	0.044
MINIMUM							590.	10.	20.	0.0	8.4	0.2	0.047	0.009
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1251			.3		0.116	0.340	0.005	0.360	0.481	0.224	0.705	264.0	4.9	
22 03 78 1557			.3		0.234	0.940	0.056	0.964	1.254	0.706	1.960	402.0	102.0	300
13 04 78 1606			.3		0.124	1.120	0.032	1.250	1.406	0.996	2.402	551.0	47.0	504
17 05 78 1441			.3		0.146	0.870	0.046	0.970	1.162	0.724	1.886	564.0	27.0	537
15 06 78 1626			.3		0.072	0.390	0.009	0.355	0.436	0.318	0.754	256.0	6.2	
17 07 78 1431			.3		0.394	0.920	0.012	0.248	0.654	0.526	1.180	282.0	19.0	
23 08 78 1340			.3		0.440	0.880	0.016	0.210	0.666	0.440	1.106	366.0	21.0	345
18 09 78 1502			.3		0.130	1.200	0.041	0.475	0.646	1.070	1.716	428.0	194.0	
30 10 78 1528			.3		0.103	0.40	0.009	0.365	0.477	0.297	0.774	304.	24.	
01 12 78 1405			.3		0.162	0.630	0.016	0.439	0.617	0.468	1.085	335.0	10.0	325
21 12 78 1452			.3		0.216	0.92	0.074	0.930	1.220	0.704	1.924	1633.	28.	1605
MAXIMUM					0.440	1.200	0.074	1.250	1.406	1.070	2.402	1633.	194.0	1605
AVG OR GEOM MN (*)					0.194	0.783	0.029	0.597	0.820	0.588	1.408	489.5	43.9	603
MINIMUM					0.072	0.340	0.005	0.210	0.436	0.224	0.705	256.0	4.9	300
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

(C O N T D)

STATION ID: 06-0082-001-02

B.O.W./ SITE: MIMICO CREEK
SAMPLE POINT: HIGHWAY 2 MIMICO
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MIMICO CREEK

STORET CODE: 02
004
4090

STN NO: 1 LAT: LONG: U T M: 17 0622450.0 4830800.0 4 REGION: 03 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 01 78 1251			.3		259	399	4.90	43.0
22 03 78 1557			.3			478	130.00	81.0
13 04 78 1606			.3			790	33.00	120.0
17 05 78 1441			.3			820	22.00	124.0
15 06 78 1626			.3		250	385	7.40	41.0
17 07 78 1431			.3		263	405	9.70	48.5
23 08 78 1340			.3			520	15.00	74.0
18 09 78 1502			.3		234	360	130.00	44.0
30 10 78 1528			.3		280	430	14.	47.
01 12 78 1405			.3			560	6.60	97.0
21 12 78 1452			.3			2850	17.	875.
MAXIMUM					280	2850	130.00	875.
AVG OR GEOM MN (*)					257	727	35.42	145.0
MINIMUM					234	360	4.90	41.0
NO OF SAMPLES					5	11	11	11

STATION ID: 06-0082-002-02

B.O.W./ SITE: MIMICO CREEK
SAMPLE POINT: RICHVIEW SIDE ROAD ETOBICOKE
STATION TYPE: RIVER FLOW GAUGE FED 02HC033

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MIMICO CREEK

STORET CODE: 02
004
4090

STN NO: 2 LAT: LONG: U T M: 17 0615300.0 4836325.0 4 REGION: 03 MILEAGE: 6.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 03 78 1651			.3		37556	6	186.00	34000.	100. L	900.	2.5	11.2	5.8	0.340
13 04 78 1720			.3		37575	6	31.50	18000.	100.	100.	6.5	14.4	2.0	0.070
17 05 78 1515			.3		37594	6	44.80	21000.	600.	270.	14.0	10.6	4.4	0.148
15 06 78 1709			.3		37613	6	8.10	1300.	90.	80.	19.8	12.5	1.0	0.064
17 07 78 1524			.3		37632	6	8.00	100.	10.	120.	26.8	18.4	1.6	0.065
23 08 78 1427			.3		37651	6 0	3.10	8000.	110.	20.	24.0	19.0	0.2	0.056
18 09 78 1604			.3		37670	6	364.00	33000.	4000.	9000.	11.8	9.7	6.5	0.370
30 10 78 1609			.3		37689	6	4.00	900.	20.	16.	8.0	15.2	1.6	0.072
01 12 78 1500			.3		37708	6	10.30	4300.	50.	230.	1.0	13.9	3.4	0.062
21 12 78 1552			.3		37727	6 9	21.70	9000.	100.	600.	2.0	12.3	75.	0.250
MAXIMUM							364.00	34000.	4000.	9000.	26.8	19.0	75.	0.370
AVG OR GEOM MN (*)							68.15	5231.*	109.* D	198.*	11.6	13.7	10.2	0.150
MINIMUM							3.10	100.	10.	16.	1.0	9.7	0.2	0.056
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 03 78 1651			.3			0.180	1.520	0.045	0.895	1.120	1.340	2.460	627.0	280.0
13 04 78 1720			.3		0.070	0.256	0.700	0.047	1.550	1.853	0.444	2.297	717.0	20.0
17 05 78 1515			.3		0.038	0.104	1.050	0.048	1.080	1.232	0.946	2.178	606.0	49.0
15 06 78 1709			.3		0.024	0.164	0.810	0.086	1.060	1.310	0.646	1.956	611.0	3.4
17 07 78 1524			.3		0.001	0.010	0.950	0.007	0.070	0.087	0.940	1.027	632.0	8.4
23 08 78 1427			.3		0.077	0.060	0.520	0.084	0.750	0.894	0.460	1.354	526.0	9.7
18 09 78 1604			.3		0.083	0.250	1.300	0.048	0.680	0.978	1.050	2.028	477.0	269.0
30 10 78 1609			.3		0.032	0.072	0.65	0.100	0.900	1.072	0.578	1.650	597.	2.1
01 12 78 1500			.3		0.008	0.340	1.120	0.100	1.350	1.790	0.780	2.570	1175.0	9.0
21 12 78 1552			.3		0.002	1.86	4.10	0.002	0.073	1.935	2.240	4.175	3436.	29.
MAXIMUM					0.083	1.86	4.10	0.100	1.550	1.935	2.240	4.175	3436.	280.0
AVG OR GEOM MN (*)					0.037	0.330	1.272	0.057	0.841	1.227	0.942	2.170	940.4	68.0
MINIMUM					0.001	0.010	0.520	0.002	0.070	0.087	0.444	1.027	477.0	2.1
NO OF SAMPLES					9	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 03 78 1651			.3		347		565	165.00	100.0
13 04 78 1720			.3		697		1040	19.00	176.0
17 05 78 1515			.3		557		830	37.00	132.0
15 06 78 1709			.3		608		940	3.70	32.0
17 07 78 1524			.3		624		890	2.40	188.0
23 08 78 1427			.3		516		760	2.20	123.0
18 09 78 1604			.3			208	320	150.00	39.0
30 10 78 1609			.3		595		900	4.6	138.
01 12 78 1500			.3		1166		2000	6.50	500.0
21 12 78 1552			.3		3407		6000	18.	2025.
MAXIMUM					3407	208	6000	165.00	2025.
AVG OR GEOM MN (*)					946	208	1425	40.84	345.3
MINIMUM					347	208	320	2.20	32.0
NO OF SAMPLES					9	1	10	10	10

B.O.W./ SITE: HUMBER RIVER
SAMPLE POINT: LAKESHORE ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC003

STATION ID: 06-0083-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 1 LAT: LONG: U T M: 17 0623150.0 4832025.0 4 REGION: 03

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 01 78	1200			.3		36012								0.8	0.047
19 01 78	1313			.3		37516	6	117.00	3500.	380.	310.	1.0		0.6	0.052
23 02 78	1130			.3		36139	4 9	80.90	2000.	10. L	50.	0.0	3.6	2.2	0.047
22 03 78	1604			.3		37554	6	1170.00	22000.	200.	1800.	1.1	12.3	4.8	0.358
12 04 78	1550			.3		36204	6	1840.00	15000.	170.	570.	4.5	8.9	2.0	0.260
13 04 78	1630			.3		37573	6	1210.00	24000.	800.	800.	5.7	14.9	1.0	0.134
09 05 78	1345			.3		36269	6	195.00	12600E+1	2000.	1500. G	9.5	8.0	3.4	0.182
17 05 78	1446			.3		37592	6	533.00	24000.	1880.	1420.	12.3	10.8	1.8	0.084
06 06 78	1030			.3		36330		93.30	100.	4. L	50.	15.0	8.5	3.0	0.144
15 06 78	1635			.3		37611	6	96.30	6300.	340.	130.	17.0	8.8	2.0	0.092
06 07 78	1045			.3		36392	6	57.40	3900.	700.	20.	14.0	9.2	3.6	0.112
17 07 78	1442			.3		37630	6	41.60	200.	140.	100.	21.2	12.6	3.4	0.120
09 08 78	1230			.3		36454	6	48.60	14100E+1	620.	430.	20.0	7.1	2.0	0.114
23 08 78	1347			.3		37649	6	64.80	14800.	1480.	100.	21.2	8.2	1.6	0.144
14 09 78	1430			.3		36517	6	169.00	59000.	1500. G	900.	16.0	9.4	1.8	0.110
18 09 78	1515			.3		37668	6	494.00	63000E+1	35000.	16000.	12.0	9.9	4.0	0.310
30 10 78	1536			.3		37687	6	81.90	3900.	300.	50.	6.3	11.8	1.0	0.032
31 10 78	1125			.3		36639	6	81.20	6000.	300.	140.	8.5	10.6	1.2	0.056
30 11 78	1030			.3		36697	6	138.00	74000.	1060.	1100.	1.0	14.3	5.4	0.074
01 12 78	1415			.3		37706	6	109.00	27000.	500.	480.	1.5	14.0	1.2	0.052
14 12 78	1135			.3		36756	6	102.00	11000.	330.	780.	0.0	8.5	2.8	0.060
21 12 78	1507			.3		37725	6	179.00	44000.	1100.	1400.	1.5	13.8	6.5	0.089
MAXIMUM								1840.00	63000E+1	35000.	16000.	21.2	14.9	6.5	0.358
AVG OR GEOM MN (*)								328.67	12674.*	446.* E	371.* U	9.0	10.3	2.6	0.122
MINIMUM								41.60	100.	4.	20.	0.0	3.6	0.6	0.032
NO OF SAMPLES								21	21	21	21	21	20	22	22

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 01 78	1200			.3		0.022	0.344	0.760	0.020	1.270	1.634	0.416	2.050	638.0	8.9
19 01 78	1313			.3		0.021	0.396	0.760	0.019	1.150	1.565	0.364	1.929	733.0	4.7
23 02 78	1130			.3		0.013	0.490	0.970	0.065	0.855	1.410	0.480	1.890	556.0	7.0
22 03 78	1604			.3		0.069	0.430	1.780	0.031	1.260	1.721	1.350	3.071	597.0	280.0
12 04 78	1550			.3		0.048	0.180	1.480	0.033	1.620	1.833	1.300	3.133	614.0	321.0
13 04 78	1630			.3		0.040	0.156	1.420	0.029	1.550	1.735	1.264	2.999	518.0	174.0
09 05 78	1345			.3		0.032	0.070	0.840	0.052	0.730	0.852	0.770	1.622	389.0	97.0
17 05 78	1446			.3		0.012	0.066	0.860	0.032	1.020	1.118	0.794	1.912	443.0	36.0
06 06 78	1030			.3		0.016	0.246	0.840	0.062	0.600	0.908	0.594	1.502	520.0	45.0
15 06 78	1635			.3		0.006	0.168	0.810	0.047	0.550	0.765	0.642	1.407	412.0	32.0
06 07 78	1045			.3		0.001	0.142	0.980	0.044	0.265	0.451	0.838	1.289	420.0	20.0
17 07 78	1442			.3		0.001	0.038	1.040	0.013	0.057	0.108	1.002	1.110	395.0	41.0
09 08 78	1230			.3		0.003	0.094	0.840	0.026	0.299	0.419	0.746	1.165	423.0	29.0
23 08 78	1347			.3		0.017	0.258	0.790	0.040	0.625	0.923	0.532	1.455	396.0	19.0
14 09 78	1430			.3		0.019	0.074	0.700	0.024	0.510	0.608	0.626	1.234	411.0	58.0
18 09 78	1515			.3		0.055	0.256	1.300	0.038	0.470	0.764	1.044	1.808	404.0	167.0
30 10 78	1536			.3		0.005	0.077	0.450	0.015	0.220	0.312	0.373	0.685	417.0	8.4
31 10 78	1125			.3		0.011	0.106	0.600	0.025	0.225	0.356	0.494	0.850	439.0	16.0
30 11 78	1030			.3		0.014	0.367	0.860	0.057	0.745	1.169	0.493	1.662	1077.0	28.0
01 12 78	1415			.3		0.003	0.160	0.840	0.051	0.804	1.015	0.680	1.695	563.0	12.0
14 12 78	1135			.3		0.021	0.312	0.760	0.026	0.879	1.217	0.448	1.665	505.0	4.0
21 12 78	1507			.3		0.014	0.300	1.20	0.069	0.881	1.250	0.900	2.150	1658.	21.
MAXIMUM						0.069	0.490	1.780	0.069	1.620	1.833	1.350	3.133	1658.	321.0
AVG OR GEOM MN (*)						0.020	0.215	0.949	0.037	0.754	1.006	0.734	1.740	569.5	65.0
MINIMUM						0.001	0.038	0.450	0.013	0.057	0.108	0.364	0.685	389.0	4.0
NO OF SAMPLES						22	22	22	22	22	22	22	22	22	22

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
10 01 78	1200			.3		629		1050	10.00	168.0	59.0	4.40	7.81	0.550	1.0
19 01 78	1313			.3		728		1225	5.80	210.0					
23 02 78	1130			.3		549		885	5.30	133.0	58.0	3.30	7.86	0.390	1.0L
22 03 78	1604			.3		317		520	140.00	64.0					
12 04 78	1550			.3		293		455	180.00	37.5	33.0	3.05	8.14	12.200	1.0
13 04 78	1630			.3		344		490	98.00	41.0					
09 05 78	1345			.3		292		580	87.00	80.0	40.5	1.10	8.02	4.5	4.0
17 05 78	1446			.3		407		600	28.00	56.0					
06 06 78	1030			.3		475		750	28.00	98.0	52.0	0.85	8.17	2.500	1.0L
15 06 78	1635			.3		380		590	22.00	60.0					
06 07 78	1045			.3		400		640	8.40	80.0	45.5	0.85	8.13	0.640	
17 07 78	1442			.3		354		540	25.00	72.0					
09 08 78	1230			.3		394		580	22.00	74.0	45.0	0.20	7.89	1.380	1.0
23 08 78	1347			.3		377		550	38.00	61.0					
14 09 78	1430			.3		353		580	35.00	52.0	41.5	2.40	8.22	1.700	1.0L
18 09 78	1515			.3			237	365	120.00	39.0					
30 10 78	1536			.3		409		650	7.9	71.0					
31 10 78	1125			.3		423		660	11.00	78.0	50.0	1.00	8.29	0.770	1.0L
30 11 78	1030			.3		1049		1850	20.00	430.0	60.0	4.70	8.09	2.500	4.0
01 12 78	1415			.3		551		1070	9.80	190.0					
14 12 78	1135			.3		501		750	6.50	85.0	57.0	5.10	8.26	0.700	1.0
21 12 78	1507			.3		1637		2840	16.	862.					
MAXIMUM						1637	237	2840	180.00	862.	60.0	5.10	8.29	12.200	4.0
AVG OR GEOM MN (*)						517	237	828	41.99	138.3	49.2	2.45	8.08	2.530	1.60
MINIMUM						292	237	365	5.30	37.5	33.0	0.20	7.81	0.390	1.0
NO OF SAMPLES						21	1	22	22	22	11	11	11	11	10

(CONTD)

STATION ID: 06-0083-001-02

B.O.W./ SITE: HUMBER RIVER
SAMPLE POINT: LAKESHORE ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 1 LAT: LONG: U T M: 17 0623150.0 4832025.0 4 REGION: 03

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
10 01 78	1200			.3		6.0	48								
19 01 78	1313			.3		6.0	48								
23 02 78	1130			.3		4.0	38								
22 03 78	1604			.3		4.0	38								
12 04 78	1550			.3		6.8	45	1	0.003	0.27	0.02 L	0.02	0.03 L	0.005L	0.06
13 04 78	1630			.3		6.8	45	1	0.003	0.27	0.02 L	0.02	0.03 L	0.005L	0.06
09 05 78	1345			.3		5.3	25								
17 05 78	1446			.3		5.3	25								
06 06 78	1030			.3		7.9	56								
15 06 78	1635			.3		7.9	56								
06 07 78	1045			.3		7.3	26								
17 07 78	1442			.3		7.3	26								
09 08 78	1230			.3		4.6	28		0.002	0.180	0.020L	0.010L	0.030L	0.005	0.020
23 08 78	1347			.3		4.6	28		0.002	0.180	0.020L	0.010L	0.030L	0.005	0.020
14 09 78	1430			.3		5.0	19								
18 09 78	1515			.3		5.0	19								
30 10 78	1536			.3		5.0	19								
31 10 78	1125			.3		5.0	39			0.130					
30 11 78	1030			.3		5.0	29			0.170					
01 12 78	1415			.3		5.0	29			0.170					
14 12 78	1135			.3		4.6	27		0.001	0.23	0.02 L	0.02 L	0.03 L	0.005L	0.02
21 12 78	1507			.3		4.6	27		0.001	0.23	0.02 L	0.02 L	0.03 L	0.005L	0.02
MAXIMUM						7.9	56	1	0.003	0.27	0.02	0.02	0.03	0.005	0.06
AVG OR GEOM MN (*)						5.6	34	1	0.002	0.203	0.020D	0.017D	0.030D	0.005D	0.033
MINIMUM						4.0	19	1	0.001	0.130	0.02	0.010	0.03	0.005	0.020
NO OF SAMPLES						22	22	2	6	9	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
12 04 78	1550			.3		0.02 L
13 04 78	1630			.3		0.02 L
09 08 78	1230			.3		0.020L
23 08 78	1347			.3		0.020L
14 12 78	1135			.3		0.02 L
21 12 78	1507			.3		0.02 L
MAXIMUM						0.02
AVG OR GEOM MN (*)						0.020D
MINIMUM						0.02
NO OF SAMPLES						6

STATION ID: 06-0083-002-02

B.O.W./ SITE: HUMBER RIVER WEST
SAMPLE POINT: CLAIREVILLE DAM OUTLET CLAIREVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HC034

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 2 LAT: LONG: U T M: 17 0610550.0 4843275.0 4 REGION: 03 MILEAGE: 14.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 01 78	1140			.3		37511	6 4	11.10	250.	8.	36.	0.0		0.6	0.031
22 03 78	1356			.3		37549	6	523.00	9600.	250.	510.	1.0	12.8	4.5	0.220
13 04 78	1444			.3		37568	6	227.00	1000.	120.	1100.	4.8	14.6	2.4	0.200
17 05 78	1344			.3		37587	6	85.80	1400.	410.	1500. G	11.5	10.6	2.4	0.232
15 06 78	1520			.3		37606	6	3.10	390.	10. L	10. L	19.5	12.0	0.8	0.070
17 07 78	1322			.3		37625	6	0.29	80.	20.	100. L	22.2	8.2	1.0	0.054
23 08 78	1200			.3		37644	6	3.90	200.	100.	10. L	22.5	10.2	1.8	0.080
18 09 78	1356			.3		37663	6	15.10	1700.	200.	200.	13.0	8.8	2.4	0.213
30 10 78	1415			.3		37682	6	6.60	80.	10.	20.	8.0	12.4	1.6	0.065
01 12 78	1250			.3		37701	6	12.00	500.	80.	100.	0.0	12.8	0.6	0.048
21 12 78	1230			.3		37720	6	7.80	100. L	10. L	10. L	1.0	14.1	0.2	0.047
MAXIMUM								523.00	9600.	410.	1500.	22.5	14.6	4.5	0.232
AVG OR GEOM MN (*)								81.43	447.* D	48.* D	83.* E	9.4	11.7	1.7	0.115
MINIMUM								0.29	80.	8.	10.	0.0	8.2	0.2	0.031
NO OF SAMPLES								11	11	11	11	11	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 01 78	1140			.3		0.008	0.166	0.630	0.010	1.140	1.316	0.464	1.780	463.0	9.2
22 03 78	1356			.3		0.095	0.660	2.000	0.037	1.480	2.177	1.340	3.517	278.0	53.0
13 04 78	1444			.3		0.079	0.334	1.640	0.046	1.750	2.130	1.306	3.436	329.0	82.0
17 05 78	1344			.3		0.068	0.210	1.680	0.069	2.260	2.539	1.470	4.009	402.0	72.0
15 06 78	1520			.3		0.011	0.148	1.110	0.009	0.025	0.182	0.962	1.144	325.0	11.0
17 07 78	1322			.3		0.001L	0.028	0.840	0.003	0.005L	0.036	0.812	0.848	480.0	14.0
23 08 78	1200			.3		0.006	0.078	0.990	0.004	0.005L	0.087	0.912	0.999	336.0	16.0
18 09 78	1356			.3		0.028	0.420	1.550	0.023	0.055	0.498	1.130	1.628	428.0	92.0
30 10 78	1415			.3		0.005	0.070	0.76	0.010	0.230	0.310	0.690	1.000	431.	24.
01 12 78	1250			.3		0.007	0.048	0.640	0.009	0.566	0.623	0.592	1.215	471.0	19.0
21 12 78	1230			.3		0.007	0.064	0.71	0.010	0.845	0.919	0.646	1.565	491.	13.
MAXIMUM						0.095	0.660	2.000	0.069	2.260	2.539	1.470	4.009	491.	92.0
AVG OR GEOM MN (*)						0.029D	0.202	1.141	0.021	0.760D	0.983	0.939	1.922	403.1	36.8
MINIMUM						0.001	0.028	0.630	0.003	0.005	0.036	0.464	0.848	278.0	9.2
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 01 78 1140			.3		454		725	13.00	47.0
22 03 78 1356			.3			225	346	43.00	32.0
13 04 78 1444			.3			247	380	94.00	24.5
17 05 78 1344			.3		330		435	83.00	31.5
15 06 78 1520			.3		314		470	13.00	32.0
17 07 78 1322			.3		466		710	8.90	63.0
23 08 78 1200			.3		320		460	13.00	34.5
18 09 78 1356			.3		336		490	67.00	32.0
30 10 78 1415			.3		407		580	21.0	45.
01 12 78 1250			.3		452		700	27.00	59.0
21 12 78 1230			.3		478		770	20.	72.5
MAXIMUM					478	247	770	94.00	72.5
AVG OR GEOM MN (*)					395	236	551	36.63	43.0
MINIMUM					314	225	346	8.90	24.5
NO OF SAMPLES					9	2	11	11	11

B.O.W./ SITE: HUMBER RIVER
SAMPLE POINT: HIGHWAY 7 WOODBRIDGE
STATION TYPE: RIVER

STATION ID: 06-0083-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 3 LAT: LONG: U T M: 17 0613350.0 4848200.0 4 REGION: 03 MILEAGE: 16.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 03 78 1228			.3		37545	6	19000.	1200.	420.	1.2	12.4	3.8	0.320	0.053
13 04 78 1241			.3		37564	6	21000.	660.	520.	5.6	14.4	1.4	0.226	0.028
17 05 78 1150			.3		37583	6	5700.	380.	190.	11.3	11.0	1.0	0.047	0.003
15 06 78 1347			.3		37602	6	100. L	10.	10.	18.0	11.2	1.2	0.040	0.007
17 07 78 1119			.3		37621	6	60.	30.	10.	21.0	13.0	1.5	0.076	0.003
23 08 78 1026			.3		37640	6	4000.	450.	1380.	19.2	10.2	1.0	0.032	0.029
18 09 78 1210			.3		37659	6	3000.	100.	1100.	12.0	11.1	1.0	1.250	0.023
30 10 78 1230			.3		37678	6	1800.	30.	100.	5.9	16.6	0.8	0.033	0.009
30 11 78 1525			.3		37697	6	72000.	440.	140.	1.0	14.2	2.4	0.082	0.017
20 12 78 1450			.3		37716	6 4	23000.	270.	170.	2.0	13.8	0.6	0.050	0.029
MAXIMUM							72000.	1200.	1380.	21.0	16.6	3.8	1.250	0.053
AVG OR GEOM MN (*)							3705.* D	164.*	165.*	9.7	12.8	1.5	0.216	0.020
MINIMUM							60.	10.	10.	1.0	10.2	0.6	0.032	0.003
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
22 03 78 1228			.3		0.272	1.740	0.022	1.240	1.534	1.468	3.002	552.0	164.0	388
13 04 78 1241			.3		0.082	0.940	0.020	1.610	1.712	0.858	2.570	508.0	232.0	
17 05 78 1150			.3		0.002	0.520	0.011	0.520	0.533	0.518	1.051	387.0	31.0	356
15 06 78 1347			.3		0.038	0.830	0.030	0.510	0.578	0.792	1.370	347.0	9.6	337
17 07 78 1119			.3		0.008	0.700	0.002	0.005L	0.015	0.692	0.707	307.0	20.0	287
23 08 78 1026			.3		0.038	0.500	0.028	0.530	0.596	0.462	1.058	406.0	100.0	306
18 09 78 1210			.3		0.008	0.500	0.011	0.290	0.309	0.492	0.801	390.0	66.0	324
30 10 78 1230			.3		0.019	0.35	0.015	0.215	0.249	0.331	0.580	358.	21.	337
30 11 78 1525			.3		0.256	0.680	0.011	0.565	0.832	0.424	1.256	401.0	49.0	352
20 12 78 1450			.3		0.268	0.620	0.011	0.719	0.998	0.352	1.350	411.0	6.0	405
MAXIMUM					0.272	1.740	0.030	1.610	1.712	1.468	3.002	552.0	232.0	405
AVG OR GEOM MN (*)					0.099	0.738	0.016	0.620D	0.736	0.639	1.375	406.7	69.9	344
MINIMUM					0.002	0.35	0.002	0.005	0.015	0.331	0.580	307.0	6.0	287
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 03 78 1228			.3			635	67.00	68.0
13 04 78 1241			.3		276	425	84.00	22.0
17 05 78 1150			.3			540	12.00	31.0
15 06 78 1347			.3			520	5.50	88.0
17 07 78 1119			.3			430	13.00	19.0
23 08 78 1026			.3			460	62.00	24.5
18 09 78 1210			.3			480	55.00	23.5
30 10 78 1230			.3			520	6.9	26.
30 11 78 1525			.3			570	25.00	30.5
20 12 78 1450			.3			650	6.20	43.5
MAXIMUM					276	650	84.00	88.0
AVG OR GEOM MN (*)					276	523	33.66	37.6
MINIMUM					276	425	5.50	19.0
NO OF SAMPLES					1	10	10	10

```
 B.O.W./ SITE: HUMBER RIVER EAST                                                              STATION ID:  06-0083-004-02
 SAMPLE POINT: AT BRIDGE PINE GROVE ROAD
 STATION TYPE: RIVER    FLOW GAUGE FED 02HC009          MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                     004
                                                        TERM STREAM: HUMBER RIVER                                     4080

STN NO:     4    LAT:              LONG:               U T M: 17 0614150.0 4850225.0 4    REGION: 03            MILEAGE:   17.50

                                   934       901       444        80         81         84        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD  FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                       COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
               FEET      MTRS                                   MF/100ML   MF/100ML   MF/10CML      DEG C       MG/L       MG/L       MG/L

19 01 78 0951              .3      37508   6          32.20   980.        56.        24.         0.0                   0.8      0.013
22 03 78 1243              .3      37546   6         195.00  7300.       140.      1100.         1.5       12.4        1.8      0.138
13 04 78 1251              .3      37565   6         340.00  3900.        60.       170.         5.3       14.6        0.8      0.246
17 05 78 1157              .3      37584   6         125.00  5900.       180.       220.        11.2       10.8        0.6      0.045
15 06 78 1400              .3      37603   6          20.30    10.        10.  L     10.        17.0        9.5        0.4      0.018
17 07 78 1133              .3      37622   6           7.90    40.        40.        40.        21.4        9.4        0.2      0.017
23 08 78 1031              .3      37641   6           8.80   220.        10.        20.        19.8        9.8        0.4      0.033
18 09 78 1219              .3      37660   6          25.30   270.        12.        48.        11.4       11.5        0.5      0.018
30 10 78 1240              .3      37679   6          12.00    50.         4.  L     12.         6.4       12.9        0.8      0.006
01 12 78 1052              .3      37698   6          17.00   120.        16.        20.         1.0       12.8        0.2      0.048
21 12 78 1115              .3      37717   6 4        15.50    10.  L      4.  L     20.         0.5       13.2        0.2      0.015

                      MAXIMUM                        340.00  7300.       180.      1100.        21.4       14.6        1.8      0.246
            AVG OR GEOM MN (*)                        72.64   250.* D     23.* D     46.*        8.7       11.7        0.6      0.054
                      MINIMUM                          7.90    10.         4.        10.         0.0        9.4        0.2      0.006

                NO OF SAMPLES                            11       11         11         11          11         10         11         11

                                   34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA    KJELDAHL  NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET      MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

19 01 78 0951              .3      0.003      0.056      0.440      0.007      0.773      0.836      0.384      1.220      465.0        8.1
22 03 78 1243              .3      0.017      0.204      0.960      0.017      1.180      1.401      0.756      2.157      507.0       99.0
13 04 78 1251              .3      0.024      0.062      0.980      0.022      1.930      2.014      0.918      2.932      494.0      201.0
17 05 78 1157              .3      0.002      0.004      0.580      0.009      0.640      0.653      0.576      1.229      413.0       22.0
15 06 78 1400              .3      0.003      0.020      0.370      0.005      0.145      0.170      0.350      0.520      378.0        3.7
17 07 78 1133              .3      0.001      0.012      0.320      0.003      0.074      0.089      0.308      0.397      363.0        2.6
23 08 78 1031              .3      0.006      0.024      0.230      0.004      0.060      0.088      0.206      0.294      332.0        9.3
18 09 78 1219              .3      0.003      0.002L     0.270      0.003      0.025      0.030      0.268      0.298      394.0       10.0
30 10 78 1240              .3      0.002      0.006      0.21       0.002      0.060      0.068      0.204      0.272      426.         1.5
01 12 78 1052              .3      0.002      0.012      0.350      0.007      0.398      0.417      0.338      0.755      471.0       35.0
21 12 78 1115              .3      0.001      0.010      0.38       0.004      0.381      0.395      0.370      0.765      420.         9.

                      MAXIMUM      0.024      0.204      0.980      0.022      1.930      2.014      0.918      2.932      507.0      201.0
            AVG OR GEOM MN (*)     0.006      0.037D     0.463      0.008      0.515      0.560      0.425      0.985      423.9       36.5
                      MINIMUM      0.001      0.002      0.21       0.002      0.025      0.030      0.204      0.272      332.0        1.5

                NO OF SAMPLES         11         11         11         11         11         11         11         11         11         11

                                    7         14         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.      COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      SOLIDS        25C   FORMAZIN       MG/L
               FEET      MTRS        MG/L      UMHOS      UNITS

19 01 78 0951              .3        457        735       5.20       49.5
22 03 78 1243              .3        408        640      44.00       69.0




13 04 78 1251              .3        293        440      84.00       25.0
17 05 78 1157              .3        391        590      12.00       40.0
15 06 78 1400              .3        374        600       2.30       38.0
17 07 78 1133              .3        360        550       2.60       27.0
23 08 78 1031              .3        322        490       4.60      .30.5
18 09 78 1219              .3        384        580       6.10       37.0
30 10 78 1240              .3        424        630       3.4        40.
01 12 78 1052              .3        436        710       7.40       49.0
21 12 78 1115              .3        411        690       5.4        49.

                      MAXIMUM        457        735      84.00       69.0
            AVG OR GEOM MN (*)       387        605      16.09       41.3
                      MINIMUM        293        440       2.30       25.0

                NO OF SAMPLES         11         11         11         11


 B.O.W./ SITE: HUMBER RIVER                                                                   STATION ID:  06-0083-005-02
 SAMPLE POINT: YORK PEEL COUNTY LINE BOLTON
 STATION TYPE: RIVER    FLOW GAUGE FED 02HC025          MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                     004
                                                        TERM STREAM: HUMBER RIVER                                     4080

STN NO:     5    LAT:              LONG:               U T M: 17 0603010.0 4859850.0 4    REGION: 03            MILEAGE:   32.60

                                   934       901       444        80         81         84        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD  FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                       COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
               FEET      MTRS                                   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

22 03 78 1302              .3      37547   6         219.00  90000.      5400.      3700.          1.5       12.4        2.0      0.188
13 04 78 1347              .3      37566   6         540.00  91000.       350.      5300.          5.1       14.5        1.0      0.168
17 05 78 1220              .3      37585   6         185.00  31000.      1200.        90.         10.9       10.7        1.0      0.092
15 06 78 1430              .3      37604   6          76.00   7400.       840.       600.         17.2       10.8        1.0      0.088
17 07 78 1205              .3      37623   6          27.30  19000.      3300.       310.         20.1        9.6        3.4      0.106
23 08 78 1100              .3      37642   6          38.20  33000E+1   26000.      1500.  G      17.8        8.9        2.6      0.190
18 09 78 1239              .3      37661   6          67.90  31000.      1400.       500.         11.5       11.1        2.0      0.181
30 10 78 1320              .3      37680   6          48.40  26000E+1    6000.      2000.          5.2       13.5        0.8      0.130
01 12 78 1129              .3      37699   6          56.50  10100E+2   12500.      5200.          0.0       13.4        0.8      0.123
21 12 78 1143              .3      37718   6 4        70.60  10000.      1000.      1000.          0.5       13.1        0.8      0.137

                      MAXIMUM                        540.00  10100E+2   26000.      5300.         20.1       14.5        3.4      0.190
            AVG OR GEOM MN (*)                       132.89  62831.*     2651.*     1099.* U       9.0       11.8        1.5      0.140
                      MINIMUM                         27.30   7400.       350.        90.          0.0        8.9        0.8      0.088

                NO OF SAMPLES                            10         10         10         10         10         10         10         10
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 03 78 1302			.3		0.022	0.194	1.000	0.014	1.080	1.288	0.806	2.094	439.0	128.0
13 04 78 1347			.3		0.021	0.068	0.920	0.010	0.825	0.903	0.852	1.755	371.0	131.0
17 05 78 1220			.3		0.019	0.126	0.720	0.010	0.470	0.606	0.594	1.200	318.0	24.0
15 06 78 1430			.3		0.048	0.514	0.970	0.029	0.575	1.118	0.456	1.574	311.0	11.0
17 07 78 1205			.3		0.021	0.770	1.470	0.160	3.170	4.100	0.700	4.800	325.0	26.0
23 08 78 1100			.3		0.130	0.660	0.840	0.069	0.290	1.019	0.180	1.199	330.0	26.0
18 09 78 1239			.3		0.130	0.520	0.980	0.050	0.520	1.090	0.460	1.550	331.0	13.0
30 10 78 1320			.3		0.130	0.76	1.09	0.019	0.390	1.169	0.330	1.499	326.	2.8
01 12 78 1129			.3		0.061	0.650	1.160	0.006	0.694	1.350	0.510	1.860	343.0	11.0
21 12 78 1143			.3		0.088	0.588	1.08	0.028	0.777	1.393	0.492	1.885	344.	14.
MAXIMUM					0.130	0.770	1.470	0.160	3.170	4.100	0.852	4.800	439.0	131.0
AVG OR GEOM MN (*)					0.067	0.485	1.023	0.040	0.879	1.404	0.538	1.942	343.8	38.7
MINIMUM					0.019	0.068	0.720	0.006	0.290	0.606	0.180	1.199	311.0	2.8
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 03 78 1302			.3		311		489	44.00	28.5
13 04 78 1347			.3			240	370	53.00	12.5
17 05 78 1220			.3		294		440	13.00	17.5
15 06 78 1430			.3		300		470	3.30	21.5
17 07 78 1205			.3		299		455	11.00	26.0
23 08 78 1100			.3		304		450	14.00	21.0
18 09 78 1239			.3		318		480	2.70	22.0
30 10 78 1320			.3		323		520	3.2	22.5
01 12 78 1129			.3		332		540	4.20	25.0
21 12 78 1143			.3		330		560	6.8	31.5
MAXIMUM					332	240	560	53.00	31.5
AVG OR GEOM MN (*)					312	240	477	15.52	22.8
MINIMUM					294	240	370	2.70	12.5
NO OF SAMPLES					9	1	10	10	10

B.O.W./ SITE: BLACK CREEK STATION ID: 06-0083-012-02
SAMPLE POINT: AT SCARLETT ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC027
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER
STORET CODE: 02
004
4080
STN NO: 12 LAT: LONG: U T M: 17 0620450.0 4836650.0 4 REGION: 03 MILEAGE: 5.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 01 78 1405			.3		37517	6	8.50	20000.	2600.	700.	1.5		6.0	0.400
16 02 78 1332			.3		37536	6 4	8.70	25000.	800.	3400.	0.0		8.0	0.200
22 03 78 1627			.3		37555	6 9	124.00	33000.	1900.	2100.	4.5	11.6	6.2	0.650
13 04 78 1700			.3		37574	6	36.00	6000.	960.	1020.	7.5	13.8	7.0	0.126
17 05 78 1502			.3		37593	6	37.10	4400.	2200.	780.	15.1	10.5	4.8	0.178
15 06 78 1653			.3		37612	9 6	7.70	8900.	40.	190.	19.4	10.6	3.0	0.235
17 07 78 1508			.3		37631	6 9	6.90	46000.	1100.	600.	25.8	11.2	5.8	0.310
23 08 78 1405			.3		37650	6 9	6.00	11700E+1	1030.	160.	22.6	12.8	4.0	0.180
18 09 78 1545			.3		37669	6	352.00	38000E+1	9000.	23000.	12.5	9.9	7.0	0.310
30 10 78 1555			.3		37688	6	9.90	81000.	3500.	430.	10.1	10.7	8.0	0.235
01 12 78 1441			.3		37707	6	15.70	47000.	1400.	1500. G	2.5	11.9	4.8	0.322
21 12 78 1528			.3		37726	6	19.00	27000.	2400.	2700.	1.5	13.6	18.	1.96
MAXIMUM							352.00	38000E+1	9000.	23000.	25.8	13.8	18.	1.96
AVG OR GEOM MN (*)							52.63	31088.*	1360.*	1093.* U	10.3	11.7	6.9	0.426
MINIMUM							6.00	4400.	40.	160.	0.0	9.9	3.0	0.126
NO OF SAMPLES							12	12	12	12	12	10	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 01 78 1405			.3		0.140	2.180	3.300	0.265	2.160	4.605	1.120	5.725	2893.0	13.0
16 02 78 1332			.3		0.049	1.610	2.740	0.155	1.600	3.365	1.130	4.495	1244.0	30.0
22 03 78 1627			.3		0.084	0.390	1.740	0.062	1.530	1.982	1.350	3.332	1180.0	503.0
13 04 78 1700			.3		0.040	0.670	0.960	0.195	1.890	2.755	0.290	3.045	1100.0	74.0
17 05 78 1502			.3		0.034	0.274	1.080	0.092	1.060	1.426	0.806	2.232	744.0	83.0
15 06 78 1653			.3		0.135	1.470	2.450	0.300	1.650	3.420	0.980	4.400	1112.0	8.4
17 07 78 1508			.3		0.080	0.880	1.990	0.420	1.710	3.010	1.110	4.120	1163.0	53.0
23 08 78 1405			.3		0.061	0.910	0.910	0.340	1.590	2.840	0.000	2.840	1045.0	0.6
18 09 78 1545			.3		0.079	0.252	1.300	0.046	0.660	0.958	1.048	2.006	449.0	186.0
30 10 78 1555			.3		0.067	1.39	2.81	0.241	1.11	2.741	1.420	4.161	967.	12.
01 12 78 1441			.3		0.061	0.750	2.580	0.220	1.380	2.350	1.830	4.180	1340.0	27.0
21 12 78 1528			.3		0.085	1.02	1.38	0.200	1.15	2.370	0.360	2.730	3255.	26.
MAXIMUM					0.140	2.180	3.300	0.420	2.160	4.605	1.830	5.725	3255.	503.0
AVG OR GEOM MN (*)					0.076	0.983	1.937	0.211	1.458	2.652	0.954	3.606	1374.3	84.7
MINIMUM					0.034	0.252	0.910	0.046	0.660	0.958	0.000	2.006	449.0	0.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 06-0083-012-02

B.O.W./ SITE: BLACK CREEK
SAMPLE POINT: AT SCARLETT ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC027

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 12 LAT: LONG: U T M: 17 0620450.0 4836650.0 4 REGION: 03 MILEAGE: 5.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 01 78	1405			.3		2880		4930	16.00	1425.0
16 02 78	1332			.3		1214		2050	24.00	465.0
22 03 78	1627			.3		677		1145	230.00	
13 04 78	1700			.3		1026		1570	48.00	308.0
17 05 78	1502			.3		661		970	47.00	166.0
15 06 78	1653			.3		1104		1700	5.90	338.0
17 07 78	1508			.3		1110		1620	22.00	355.0
23 08 78	1405			.3		1044		1600	6.10	350.0
18 09 78	1545			.3			263	405	80.00	54.0
30 10 78	1555			.3		955		1490	14.	285.
01 12 78	1441			.3		1313		2250	20.00	550.0
21 12 78	1528			.3		3229		5700	17.	1850.
MAXIMUM						3229	263	5700	230.00	1850.
AVG OR GEOM MN (*)						1383	263	2119	44.17	558.7
MINIMUM						661	263	405	5.90	54.0
NO OF SAMPLES						11	1	12	12	11

STATION ID: 06-0083-018-02

B.O.W./ SITE: HUMBER RIVER
SAMPLE POINT: ALBION HILL CONSERVATION AREA
STATION TYPE: RIVER FLOW GAUGE FED 02HC012

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO: 18 LAT: LONG: U T M: 17 0596075.0 4864100.0 4 REGION: 03 MILEAGE: 44.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	1415			.3		36041	6	54.00	70.	8.	12.	0.5	14.0	0.6	0.030
11 04 78	1545			.3		36169	3 6	278.00	1400.	340.	600. G	4.9	12.8	1.0	0.080
10 05 78	1700			.3		35038	6	119.00	530.	76.	160.	12.2	11.6		0.043
12 07 78	1515			.3		35133	6	19.00	270.	136.	144.	22.1	10.8	1.0	0.051
23 08 78	1700			.3		35196	6	22.70	200.	72.	408.	23.2	11.6	0.5	0.033
28 09 78	1630			.3		35252	6	25.60	310.	32.	32.	14.1	11.1	0.5	0.018
24 10 78	1545			.3		35292	6	30.50	120.	8.	24.	8.9	11.4	0.8	0.015
16 11 78	1620			.3		35348	6	40.90	192.	32.	36.	5.9	11.9	0.6	0.018
06 12 78	1630			.3		35373	6	55.80	132.	36.	548.	2.8	11.4	0.8	0.015
MAXIMUM								278.00	1400.	340.	600.	23.2	14.0	1.0	0.080
AVG OR GEOM MN (*)								71.72	240.*	44.*	100.* U	10.5	11.8	0.7	0.034
MINIMUM								19.00	70.	8.	12.	0.5	10.8	0.5	0.015
NO OF SAMPLES								9	9	9	9	9	9	8	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1415			.3		0.008	0.036	0.350	0.005	0.905	0.946	0.314	1.260	327.0	6.0
11 04 78	1545			.3		0.013	0.032	0.720	0.008	0.790	0.830	0.688	1.518	267.0	30.0
10 05 78	1700			.3		0.003	0.004	0.500	0.006	0.740	0.750	0.496	1.246	294.0	13.0
12 07 78	1515			.3		0.005	0.008	0.500	0.013	0.632	0.653	0.492	1.145	287.0	11.0
23 08 78	1700			.3		0.009	0.022	0.330	0.007	0.390	0.419	0.308	0.727	279.0	5.7
28 09 78	1630			.3		0.003	0.002L	0.340	0.006	0.660	0.668	0.338	1.006	322.0	2.5
24 10 78	1545			.3		0.001	0.002L	0.30	0.004	0.515	0.521	0.298	0.819	299.	1.3
16 11 78	1620			.3		0.004	0.002	0.450	0.003	0.502	0.507	0.448	0.955	280.0	2.0
06 12 78	1630			.3		0.004	0.020	0.320	0.004	0.651	0.675	0.300	0.975	314.0	3.0
MAXIMUM						0.013	0.036	0.720	0.013	0.905	0.946	0.688	1.518	327.0	30.0
AVG OR GEOM MN (*)						0.006	0.0140	0.423	0.006	0.643	0.663	0.409	1.072	296.6	8.3
MINIMUM						0.001	0.002	0.30	0.003	0.390	0.419	0.298	0.727	267.0	1.3
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
16 01 78	1415			.3		321		510	2.10	16.0	
11 04 78	1545			.3			237	365	13.00	10.5	
10 05 78	1700			.3		281		435	3.40	15.5	
12 07 78	1515			.3			276	425	0.70	19.0	
23 08 78	1700			.3			273	420	2.00	17.0	
28 09 78	1630			.3		320		465	1.60	17.5	
24 10 78	1545			.3		298		480	1.7	17.0	8.35
16 11 78	1620			.3		278		480	1.90	15.5	
06 12 78	1630			.3		311		490	2.10	16.5	
MAXIMUM						321	276	510	13.00	19.0	8.35
AVG OR GEOM MN (*)						302	262	452	3.17	16.1	8.35
MINIMUM						278	237	365	0.70	10.5	8.35
NO OF SAMPLES						6	3	9	9	9	1

B.O.W./ SITE: DON RIVER
SAMPLE POINT: LAKESHORE ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC024

STATION ID: 06-0085-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STORET CODE: 02
004
4050

STN NO: 1 LAT: LONG: U T M: 17 0633250.0 4834200.0 4 REGION: 03 MILEAGE: 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 01 78	1350			.3		36011	4	259.00	40.	10. L	130.	0.0	8.4	2.0	0.132
15 02 78	1025			.3		37520	6 4	67.50	4.	4. L	10. L	0.5		1.0	0.300
23 02 78	1015			.3		36138	4	66.00	100. L	100. L	10. L	0.0	7.6	4.6	0.310
22 03 78	1025			.3		37539	6 0	590.00	56000.	3500.	2800.	3.0	12.3	7.8	0.490
12 04 78	1020			.3		36200	6	330.00	12600E+1	200.	700.	5.5		4.0	0.154
13 04 78	1025			.3		37558	6 9	250.00	15000.	300.	700.	7.5	13.8	1.8	0.152
09 05 78	1435			.3		36270	6 9	275.00				10.0	8.2	5.0	0.360
17 05 78	0936			.3		37577	6	228.00	52000.	1400.	900.	11.1	9.6	4.0	0.151
06 06 78	1000			.3		36329	6 9	67.50	40000E+1	10000.	80. G	14.0	7.6	9.0	0.490
15 06 78	1118			.3		37596	6 9 0	67.10	15000E+1G	1500. G	190.	14.0	7.8	7.0G	0.210
06 07 78	1015			.3		36391	6 0	55.80	15000. G	1050.	150.	14.5	5.1	9.0	0.398
17 07 78	0902			.3		37615	6 9 0	44.80	24000.	2100.	510.	18.0	5.2	7.0G	0.210
09 08 78	1145			.3		36453	6 0	80.30	15000E+2G	32000E+1	1500. G	22.0	4.4	7.6	0.356
23 08 78	0819			.3		37634	6 9 0	50.90	62000.	2600.	1500. G	18.0	5.4	6.0G	0.300
14 09 78	1500			.3		36518	6 9	202.00	39000.	10000. L	1000. L			4.0	0.141
18 09 78	1007			.3		37653	6	824.00	61000E+2	32000.	58000.	12.2	9.2	13.0	1.090
30 10 78	1018			.3		37672	6	79.50	23000.	550.	1000.	5.9	11.1	4.2	0.334
31 10 78	1015			.3		36638	6	78.80	31000.	2200.	15000.			7.5	0.861
30 11 78	1000			.3		36696	6 0	118.00	72000.	4200.	6300.			0.4	0.264
	1134			.3		37691	6	118.00	79000.	1100.	1500. G	3.5	11.1	7.4	0.270
14 12 78	1115			.3		36755	6	82.40	10000.	36.	800.	1.8	8.6	1.2	0.320
20 12 78	1038			.3		37710	6 9	89.80	5500.	30.	400.	0.5	12.5	6.0	0.488
MAXIMUM								824.00	61000E+2	32000E+1	58000.	22.0	13.8	13.0	1.090
AVG OR GEOM MN (*)								182.93	21479.* E	876.* E	648.* E	8.5	8.7	5.4U	0.354
MINIMUM								44.80	4.	4.	10.	0.0	4.4	0.4	0.132
NO OF SAMPLES								22	21	21	21	19	17	22	22

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 01 78	1350			.3		0.080	2.400	2.700	0.055	2.170	4.625	0.300	4.925	1100.0	9.8
15 02 78	1025			.3		0.229	5.490	5.900	0.105	1.920	7.515	0.410	7.925	991.0	12.0
23 02 78	1015			.3		0.125	5.800	5.500	0.195	1.890	7.885	0.300	7.585	877.0	9.1
22 03 78	1025			.3		0.058	0.660	2.180	0.047	1.650	2.357	1.520	3.877	769.0	262.0
12 04 78	1020			.3		0.061	0.940	1.820	0.054	1.930	2.924	0.880	3.804	677.0	128.0
13 04 78	1025			.3		0.057	1.080	1.880	0.061	2.270	3.411	0.800	4.211	730.0	53.0
09 05 78	1435			.3		0.034	0.930	2.350	0.135	1.040	2.105	1.420	3.525	491.0	167.0
17 05 78	0936			.3		0.066	1.370	2.300	0.088	1.990	3.448	0.930	4.378	718.0	26.0
06 06 78	1000			.3		0.295	1.260	4.200	1.080	2.300	4.640	2.940	7.580	704.0	9.7
15 06 78	1118			.3		0.063	4.400	5.500	0.195	1.000	5.595	1.100	6.695	618.0	22.0
06 07 78	1015			.3		0.260	4.350	26.200	0.385	0.760	5.495	21.850	27.345	613.0	17.0
17 07 78	0902			.3		0.057	1.200	5.850	1.600	3.900	6.700	4.650	11.350	644.0	30.0
09 08 78	1145			.3		0.140	3.550	3.600	0.250	0.850	4.650	0.050	4.700	517.0	20.0
23 08 78	0819			.3		0.135		4.100							
														576.0	26.0
14 09 78	1500			.3		0.092	0.620	3.550	0.350	1.230	2.200	2.930	5.130	502.0	13.0
18 09 78	1007			.3		0.225	2.580	5.900	0.105	0.685	3.370	3.320	6.690	538.0	268.0
30 10 78	1018			.3		0.185	3.26	4.13	0.114	1.54	4.914	0.870	5.784	653.	33.
31 10 78	1015			.3		0.650	3.750	4.870	0.150	1.450	5.350	1.120	6.470	628.0	11.0
30 11 78	1000			.3		0.105	1.900	2.480	0.155	1.490	3.545	0.580	4.125	402.0	19.0
	1134			.3		0.120	1.860	2.380	0.150	1.550	3.560	0.520	4.080	1887.0	36.0
14 12 78	1115			.3		0.115	2.440	3.400	0.120	1.730	4.290	0.960	5.250	420.0	20.0
20 12 78	1038			.3		0.240	2.520	4.810	0.085	0.085	2.690	2.290	4.980	712.0	17.0
MAXIMUM						0.650	5.800	26.200	1.600	3.900	7.885	21.850	27.345	1887.0	268.0
AVG OR GEOM MN (*)						0.154	2.493	4.800	0.261	1.592	4.346	2.369	6.686	716.7	54.9
MINIMUM						0.034	0.620	1.820	0.047	0.085	2.105	0.050	3.525	402.0	9.1
NO OF SAMPLES						22	21	22	21	21	21	21	21	22	22

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
10 01 78	1350			.3		1090		1890	13.00	415.0	73.0	4.65	7.70	0.680	5.0
15 02 78	1025			.3		979		1680	13.00	345.0					
23 02 78	1015			.3		868		1430	13.00	260.0	76.0	5.60	7.92	0.930	14.0
22 03 78	1025			.3		507		840	160.00	143.0					
12 04 78	1020			.3		549		880	81.00	128.0	54.0	3.90	8.06	5.500	1.0
13 04 78	1025			.3		677		1040	39.00	161.0					
09 05 78	1435			.3		324		610	95.00	99.0	37.5	1.65	7.74	5.0	2.5
17 05 78	0936			.3		692		1050	18.00	163.0					
06 06 78	1000			.3		694		1100	2.80	195.0	70.0	2.20	7.89	0.820	4.0
15 06 78	1118			.3		596		960	6.70	155.0					
06 07 78	1015			.3		596		960	7.10	155.0	66.0	4.00	7.62	0.660	
17 07 78	0902			.3		614		980	11.00	175.0					
09 08 78	1145			.3		497		770	10.00	125.0	51.0	2.60	7.43	0.840	6.0
23 08 78	0819			.3		550		890	11.00	140.0					
14 09 78	1500			.3		489		810	6.10	118.0	49.0	4.35	8.05	0.580	3.0
18 09 78	1007			.3			270	415	68.00	51.0					
30 10 78	1018			.3		620		980	13.0	140.					
31 10 78	1015			.3		617		1000	11.00	140.0	69.0	4.60	7.79	0.630	2.0
30 11 78	1000			.3		383		650	7.10	862.0	77.0	4.60	8.06	1.600	1.0L
	1134			.3		1851		3100	24.00	925.0					
14 12 78	1115			.3		400		600	8.30	210.0	75.0	6.50	8.42	0.880	1.0L
20 12 78	1038			.3		695		1170	9.60	205.0					
MAXIMUM						1851	270	3100	160.00	925.0	77.0	6.50	8.42	5.500	14.0
AVG OR GEOM MN (*)						680	270	1082	28.53	241.4	63.4	4.06	7.88	1.647	4.00
MINIMUM						324	270	415	2.80	51.0	37.5	1.65	7.43	0.580	1.0
NO OF SAMPLES						21	1	22	22	22	11	11	11	11	10

(C O N T D)

STATION ID: 06-0085-001-02

B.O.W./ SITE: DON RIVER
SAMPLE POINT: LAKESHORE ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC024

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STORET CODE: 02
004
4050

STN NO: 1 LAT: LONG: U T M: 17 0633250.0 4834200.0 4 REGION: 03 MILEAGE: 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
10 01 78	1350			.3		4.0	51								
15 02 78	1025			.3		4.0	51								
23 02 78	1015			.3		10.0	59								
22 03 78	1025			.3		10.0	59								
12 04 78	1020			.3		5.5	39	1	0.002	0.09	0.02	0.02	0.05	0.005L	0.03
13 04 78	1025			.3		5.5	39	1	0.002	0.09	0.02	0.02	0.05	0.005L	0.03
09 05 78	1435			.3		4.7	45								
17 05 78	0936			.3		4.7	45								
06 06 78	1000			.3		8.7	50								
15 06 78	1118			.3		8.7	50								
06 07 78	1015			.3		7.4	36								
17 07 78	0902			.3		7.4	36								
09 08 78	1145			.3		7.8	41		0.002	0.160	0.020L	0.020	0.030L	0.005L	0.060
23 08 78	0819			.3		7.8	41		0.002	0.160	0.020L	0.020	0.030L	0.005L	0.060
14.09 78	1500			.3		5.0	21								
18 09 78	1007			.3		5.0	21								
30 10 78	1018			.3		5.0	21								
31 10 78	1015			.3		7.0	41			0.130					
30 11 78	1000			.3		4.0	19			0.16					
	1134			.3		4.0	19			0.16					
14 12 78	1115			.3		3.6	23		0.001L	0.04	0.02 L	0.02	0.03 L	0.005L	0.06
20 12 78	1038			.3		3.6	23		0.001L	0.04	0.02 L	0.02	0.03 L	0.005L	0.06
MAXIMUM						10.0	59	1	0.002	0.160	0.02	0.02	0.05	0.005	0.060
AVG OR GEOM MN (*)						6.1	38	1	0.002D	0.114	0.020D	0.020	0.037D	0.005D	0.050
MINIMUM						3.6	19	1	0.001	0.04	0.02	0.02	0.030	0.005	0.03
NO OF SAMPLES						22	22	2	6	9	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
12 04 78	1020			.3		0.02 L
13 04 78	1025			.3		0.02 L
09 08 78	1145			.3		0.020L
23 08 78	0819			.3		0.020L
14 12 78	1115			.3		0.02 L
20 12 78	1038			.3		0.02 L
MAXIMUM						0.02
AVG OR GEOM MN (*)						0.020D
MINIMUM						0.02
NO OF SAMPLES						6

STATION ID: 06-0085-002-02

B.O.W./ SITE: DON RIVER WEST
SAMPLE POINT: SHEPPARD AVE TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STORET CODE: 02
004
4050

STN NO: 2 LAT: LONG: U T M: 17 0626875.0 4845350.0 4 REGION: 03 MILEAGE: 13.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
15 02 78	1137			.3		37522	6	9.30	300.	10.	10.	2.0		1.0	0.103
22 03 78	1124			.3		37541	6	164.00	11800.	1100.	2300.	2.0	11.8	9.2	0.400
13 04 78	1135			.3		37560	6	87.20	4800.	240.	3000.	5.5	14.6	1.8	0.152
17 05 78	1041			.3		37579	6	69.60	11000.	560.	1600.	11.2	10.6	1.8	0.181
15 06 78	1250			.3		37598	6	18.80	5600.	210.	30.	17.9	10.4	4.8	0.215
17 07 78	1006			.3		37617	6	7.30	400.	100.	190.	18.0	6.9	2.4	0.094
23 08 78	0924			.3		37636	6	9.00	860.	170.	310.	17.5	9.4	2.0	0.118
18 09 78	1108			.3		37655	6	109.00	11000.	1900.	1500.	12.2	9.9	2.5	0.213
30 10 78	1124			.3		37674	6	5.50	2800.	50.	80.	5.9	13.4	1.2	0.089
30 11 78	1340			.3		37693	6	13.70	3700.	510.	810.	2.2	13.4	4.2	0.086
20 12 78	1300			.3		37712	6 4	12.90	7000.	20.	770.	1.5	13.9	1.2	0.081
MAXIMUM								164.00	11800.	1900.	3000.	18.0	14.6	9.2	0.400
AVG OR GEOM MN (*)								46.03	3135.*	176.*	363.*	8.7	11.4	2.9	0.157
MINIMUM								5.50	300.	10.	10.	1.5	6.9	1.0	0.081
NO OF SAMPLES								11	11	11	11	11	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
15 02 78	1137			.3		0.032	0.336	1.010	0.040	1.640	2.016	0.674	2.690	887.0	7.7
22 03 78	1124			.3		0.040	0.306	1.920	0.052	1.160	1.518	1.614	3.132	580.0	195.0
13 04 78	1135			.3		0.056	0.084	1.160	0.041	2.190	2.315	1.076	3.391	454.	41.0
17 05 78	1041			.3		0.040	0.156	1.090	0.057	1.620	1.833	0.934	2.767	520.0	59.0
15 06 78	1250			.3		0.038	0.160	1.040	0.042	0.530	0.732	0.880	1.612	551.0	32.0
17 07 78	1006			.3		0.025	0.650	1.180	0.027	0.137	0.814	0.530	1.344	581.0	7.7
23 08 78	0924			.3		0.034	0.230	1.210	0.260	0.640	1.130	0.980	2.110	557.0	21.0
18 09 78	1108			.3		0.056	0.100	0.800	0.059	0.745	0.904	0.700	1.604	377.0	50.0
30 10 78	1124			.3		0.025	0.213	0.72	0.030	0.595	0.838	0.507	1.345	599.	19.
30 11 78	1340			.3		0.019	0.256	0.920	0.043	0.855	1.154	0.664	1.818	1162.0	24.0
20 12 78	1300			.3		0.025	0.290	0.760	0.042	1.210	1.542	0.470	2.012	686.0	7.0
MAXIMUM						0.056	0.650	1.920	0.260	2.190	2.315	1.614	3.391	1162.0	195.0
AVG OR GEOM MN (*)						0.035	0.253	1.074	0.063	1.029	1.345	0.821	2.166	632.2	42.1
MINIMUM						0.019	0.084	0.72	0.027	0.137	0.732	0.470	1.344	377.0	7.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 02 78 1137			.3		879	1445	8.40	260.0
22 03 78 1124			.3		385	635	93.00	113.0
13 04 78 1135			.3		413	640	47.	74.
17 05 78 1041			.3		461	680	34.00	73.0
15 06 78 1250			.3		519	790	14.00	125.0
17 07 78 1006			.3		573	870	4.50	120.0
23 08 78 0924			.3		536	820	3.80	130.0
18 09 78 1108			.3		327	520	29.00	55.0
30 10 78 1124			.3		580	900	15.0	123.
30 11 78 1340			.3		1138	1900	19.00	450.0
20 12 78 1300			.3		679	1140	7.20	195.0
MAXIMUM					1138	1900	93.00	450.0
AVG OR GEOM MN (*)					590	940	24.99	156.2
MINIMUM					327	520	3.80	55.0
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: DON RIVER EAST
SAMPLE POINT: BAYVIEW AND STEELES AVE TORONTO
STATION TYPE: RIVER

STATION ID: 06-0085-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STORET CODE: 02
004
4050

STN NO: 3 LAT: LONG: U T M: 17 0629000.0 4850925.0 4 REGION: 03 MILEAGE: 17.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1312			.3		37504	6	4700.	100.	200.	2.0		4.5	0.270	0.138
15 02 78 1201			.3		37523	6	25000E+1	240.	200.	0.5		3.4	0.126	0.069
22 03 78 1146			.3		37542	6	53000.	1300.	2000.	3.0	11.3	5.2	0.312	0.061
13 04 78 1155			.3		37561	6	13800E+1	400.	520.	7.0	14.0	1.4	0.074	0.044
17 05 78 1110			.3		37580	6	14300E+1	2600.	1020.	11.0	10.0	4.0	0.305	0.180
15 06 78 1308			.3		37599	6	15000E+1G	1500. G	330.	14.0	9.8	3.4	0.170	0.095
17 07 78 1025			.3		37618	6	15000E+1	1800.	600.	17.2	9.3	2.2	0.210	0.160
23 08 78 0940			.3		37637	6	60000.	2000.	2100.	16.7	9.0	1.0	0.695	0.480
18 09 78 1125			.3		37656	6	10000E+1	31000.	11000.	11.1	9.4	5.0	0.270	0.065
30 10 78 1145			.3		37675	6	25000.	700.	400.	5.7	11.3	1.6	0.562	0.470
30 11 78 1416			.3		37694	6	67000.	2100.	3000.	2.6	12.4	5.8	0.242	0.130
20 12 78 1330			.3		37713	6	12000.	300.	1800.	1.0	12.8	4.0	0.154	0.085
MAXIMUM							25000E+1	31000.	11000.	17.2	14.0	5.8	0.695	0.480
AVG OR GEOM MN (*)							62167.* U	1076.* U	930.*	7.7	10.9	3.5	0.283	0.165
MINIMUM							4700.	100.	200.	0.5	9.0	1.0	0.074	0.044
NO OF SAMPLES							12	12	12	12	10	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1312			.3		3.640	6.400	0.086	1.550	5.276	2.760	8.036	807.0	42.0	765
15 02 78 1201			.3		1.280	1.750	0.340	3.450	5.070	0.470	5.540	659.0	25.0	634
22 03 78 1146			.3		0.420	1.440	0.058	2.240	2.718	1.020	3.738	630.0	202.0	428
13 04 78 1155			.3		0.210	0.740	0.205	2.670	3.085	0.530	3.615	616.0	26.0	590
17 05 78 1110			.3		0.100	1.960	0.145	3.980	4.225	1.860	6.085	566.0	64.0	502
15 06 78 1308			.3		0.446	0.930	0.575	3.400	4.421	0.484	4.905	601.0	10.0	591
17 07 78 1025			.3		0.176	0.810	4.150	3.480	7.806	0.634	8.440	593.0	4.8	588
23 08 78 0940			.3		0.044	0.530	0.090	3.060	3.194	0.486	3.680	550.0	22.0	528
18 09 78 1125			.3		0.278	1.100	0.160	1.660	2.098	0.822	2.920	474.0	98.0	376
30 10 78 1145			.3		0.283	0.72	0.209	3.14	3.632	0.437	4.069	542.	4.6	537
30 11 78 1416			.3		0.935	1.360	0.180	4.620	5.735	0.425	6.160	786.0	17.0	769
20 12 78 1330			.3		1.180	1.620	0.930	3.270	5.380	0.440	5.820	599.0	12.0	587
MAXIMUM					3.640	6.400	4.150	4.620	7.806	2.760	8.440	807.0	202.0	769
AVG OR GEOM MN (*)					0.749	1.613	0.594	3.043	4.387	0.864	5.251	618.6	44.0	575
MINIMUM					0.044	0.530	0.058	1.550	2.098	0.425	2.920	474.0	4.6	376
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1312			.3		1250	36.00	195.0
15 02 78 1201			.3		1040	16.00	130.0
22 03 78 1146			.3		705	93.00	89.0
13 04 78 1155			.3		890	18.00	104.0
17 05 78 1110			.3		760	39.00	90.0
15 06 78 1308			.3		930	7.10	123.0
17 07 78 1025			.3		880	4.40	120.0
23 08 78 0940			.3		840	8.40	110.0
18 09 78 1125			.3		590	47.00	74.0
30 10 78 1145			.3		890	5.5	100.
30 11 78 1416			.3		1280	14.00	240.0
20 12 78 1330			.3		975	8.00	130.0
MAXIMUM					1280	93.00	240.0
AVG OR GEOM MN (*)					919	24.70	125.4
MINIMUM					590	4.40	74.0
NO OF SAMPLES					12	12	12

```
 B.O.W./ SITE: DON RIVER WEST                                                                 STATION ID:  06-0085-004-02
 SAMPLE POINT: HIGHWAY 7 WEST OF CONCORD
 STATION TYPE: RIVER    FLOW GAUGE FED 02HC031            MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                        004
                                                          TERM STREAM: DON RIVER                                           4050

STN NO:      4    LAT:                LONG:               U T M: 17 0622000.0 4850999.0 4    REGION: 03            MILEAGE:    19.80

                                        934        901       444        80         81        84        805         3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD  FLOW CFS     TOTAL      FECAL      M.F.     WATER      DISS.     5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                       COLIFORM   COLIFORM    ENTER.     TEMP.        O2       BOD          P
               FEET      MTRS                                     MF/100ML   MF/100ML  MF/100ML     DEG C      MG/L      MG/L       MG/L

22 03 78 1215              .3         37544     6          400.00  18000.      1800.     7900.         1.6      11.2        2.5      0.334
13 04 78 1227              .3         37563     6          110.00   6000.       200.     1800.         6.3      13.9        1.2      0.162
17 05 78 1137              .3         37582     6          130.00  43000.       640.      400.        11.3      13.3        0.8      0.061
15 06 78 1334              .3         37601     5            4.10   2300.        20.      230.        19.5      16.5        1.5      0.175
17 07 78 1102              .3         37620     6 7          0.55    120.        32.       20.        19.8      17.2        0.2      0.460
23 08 78 1012              .3         37639     6            5.20   1000.        32.       20.        18.5      12.2        0.5      0.760
18 09 78 1155              .3         37658     6            7.00   9000.      1100.     1900.        10.8       9.6        3.0      0.296
30 10 78 1215              .3         37677     6            4.60   1200.        10.       60.         5.8      15.2        1.6      0.055
30 11 78 1450              .3         37696     6            9.60   7700.       140.      210.         0.0      14.6        9.4      0.164

                      MAXIMUM                              400.00  43000.      1800.     7900.        19.8      17.2        9.4      0.760
           AVG OR GEOM MN (*)                               74.56   3620.*      125.*     285.*       10.4      13.7        2.3      0.274
                      MINIMUM                                0.55    120.        10.       20.         0.0       9.6        0.2      0.055

                 NO OF SAMPLES                                  9         9          9         9           9         9          9          9

                                         34         19        20        21         22        17        18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED   FILTERED     TOTAL  FILTERED   FILTERED    INRGNC     TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH      REACTIVE   AMMONIA   KJELDAHL  NO2-N      NO3-N            N  ORGNC  N               SOLIDS     SOLIDS
               FEET      MTRS        P MG/L      MG/L       MG/L  MG/L       MG/L          MG/L      MG/L       MG/L       MG/L       MG/L

22 03 78 1215              .3         0.093     0.840      2.080    0.045     2.200     3.085     1.240      4.325      532.0      141.0
13 04 78 1227              .3         0.062     0.374      1.340    0.045     3.380     3.799     0.966      4.765      499.0       57.0
17 05 78 1137              .3         0.025     0.030      0.660    0.043     2.340     2.413     0.630      3.043      600.0       12.0
15 06 78 1334              .3         0.140     0.056      0.760    0.031     1.800     1.887     0.704      2.591      509.0        5.0
17 07 78 1102              .3         0.380     0.032      0.520    0.130     3.550     3.712     0.488      4.200      512.0        2.6
23 08 78 1012              .3         0.675     0.320      1.030    0.150     4.550     5.020     0.710      5.730      500.0       12.0
18 09 78 1155              .3         0.058     0.028      0.950    0.024     0.990     1.042     0.922      1.964      704.0      186.0
30 10 78 1215              .3         0.020     0.025      0.49     0.016     0.480     0.521     0.465      0.986      610.         4.7
30 11 78 1450              .3         0.070     0.100      0.640    0.067     2.600     2.767     0.540      3.307     1162.0       12.0

                      MAXIMUM         0.675     0.840      2.080    0.150     4.550     5.020     1.240      5.730     1162.0      186.0
           AVG OR GEOM MN (*)         0.169     0.201      0.941    0.061     2.432     2.694     0.741      3.435      625.3       48.0
                      MINIMUM         0.020     0.025      0.49     0.016     0.480     0.521     0.465      0.986      499.0        2.6

                 NO OF SAMPLES            9         9          9         9          9         9         9          9          9          9

                                          7        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      DISS.     COND.      TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH        SOLIDS       25C   FORMAZIN      MG/L
               FEET      MTRS          MG/L     UMHOS      UNITS

22 03 78 1215              .3           391       640      66.00      97.0
13 04 78 1227              .3           442       690      33.00      73.0
17 05 78 1137              .3           588       880       6.90     105.0
15 06 78 1334              .3           504       780       3.70      88.0
17 07 78 1102              .3           509       720       1.60      73.0
23 08 78 1012              .3           488       740       3.80      85.0




18 09 78 1155              .3           518       760     140.00      98.0
30 10 78 1215              .3           605      1000       7.3      138.
30 11 78 1450              .3          1150      1950       7.60     435.0

                      MAXIMUM          1150      1950     140.00     435.0
           AVG OR GEOM MN (*)           577       907      29.99     132.4
                      MINIMUM           391       640       1.60      73.0

                 NO OF SAMPLES            9         9          9         9


 B.O.W./ SITE: GERMAN MILLS CREEK                                                             STATION ID:  06-0085-005-02
 SAMPLE POINT: 16TH AVE. DOWNSTREAM FROM RICHMOND HILL STP.
 STATION TYPE: RIVER    FLOW GAUGE MOE 02HC101            MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                        004
                                                          TERM STREAM: DON RIVER                                           4050

STN NO:      5    LAT:                LONG:               U T M: 17 0626325.0 4856625.0 4    REGION: 03            MILEAGE:    22.10

                                        934        901        80         81         84       805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD     TOTAL      FECAL       M.F.     WATER      DISS.     5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO             COLIFORM   COLIFORM     ENTER.     TEMP.         O2       BOD          P   REACTIVE
               FEET      MTRS                            MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L      MG/L       MG/L     P MG/L

18 01 78 1324              .3         37505     6        70000.       800.       400.         6.0                 13.0      0.590      0.173
15 02 78 1220              .3         37524     6         7600.       400.       130.         7.0                 15.0      1.150      0.509
22 03 78 1200              .3         37543     6        15000E+1G   1500.  G   1500.  G      5.5       10.4      13.0      0.870      0.330
13 04 78 1210              .3         37562     6        80000E+1   11000.      3000.  G      8.1       11.5      14.0      0.520      0.290
17 05 78 1123              .3         37581     9 6      15000E+3G 11000E+1   15000.  G     12.0        7.8      24.0      0.640      0.345
15 06 78 1320              .3         37600     6        15000.  G   1230.       540.        19.2        7.8      14.0      2.550      2.450
17 07 78 1043              .3         37619     6        28000.      1700.       730.        18.0        7.6       6.2      0.510      0.380
23 08 78 0956              .3         37638     6        32000.      1400.       400.        18.0        7.6       2.0      0.690      0.600
18 09 78 1141              .3         37657     6        18000E+1    2900.      3300.        13.1        8.7       5.0      0.420      0.255
30 10 78 1200              .3         37676     6        14000.       600.       500.        11.5        8.2       8.5      0.800      0.640
30 11 78 1435              .3         37695     6        12200E+1    2800.      2800.         6.5        9.2      10.4      0.740      0.475
20 12 78 1345              .3         37714     6        31000.       600.       700.         3.5       10.1       3.0      0.472      0.700

                      MAXIMUM                            15000E+3  11000E+1   15000.         19.2       11.5      24.0      2.550      2.450
           AVG OR GEOM MN (*)                            83959.* U  2032.* U   1050.* U      10.7        8.9      10.7      0.829      0.596
                      MINIMUM                             7600.       400.       130.         3.5        7.6       2.0      0.420      0.173

                 NO OF SAMPLES                                12         12         12         12         10        12         12         12
```

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78	1324			.3		5.300	7.700	0.730	5.080	11.110	2.400	13.510	937.0	23.0	974
15 02 78	1220			.3		3.440	5.800	1.300	10.000	14.740	2.360	17.100	972.0	57.0	915
22 03 78	1200			.3		0.430	3.520	0.135	4.510	5.075	3.090	8.165	719.0	79.0	640
13 04 78	1210			.3		0.890	3.160	1.580	4.700	7.170	2.270	9.440	737.0	23.0	714
17 05 78	1123			.3		3.450	4.400	0.375	2.400	6.225	0.950	7.175	761.0	86.0	675
15 06 78	1320			.3		5.000	6.450	1.180	6.570	12.750	1.450	14.200	963.0	14.0	949
17 07 78	1043			.3		1.270	2.600	0.850	7.650	9.770	1.330	11.100	876.0	12.0	864
23 08 78	0956			.3		0.220	0.840	0.880	8.720	9.820	0.620	10.440	859.0	19.0	840
18 09 78	1141			.3		0.198	1.000	0.310	6.440	6.948	0.802	7.750	710.0	36.0	674
30 10 78	1200			.3		3.46	4.51	1.50	5.90	10.860	1.050	11.910	864.	17.	847
30 11 78	1435			.3		1.120	2.440	1.650	9.250	12.020	1.320	13.340	1110.0	20.0	1090
20 12 78	1345			.3		0.268	1.070	0.470	12.500	13.238	0.802	14.040	1011.0	18.0	993
MAXIMUM						5.300	7.700	1.650	12.500	14.740	3.090	17.100	1110.0	86.0	1090
AVG OR GEOM MN (*)						2.087	3.624	0.913	6.977	9.977	1.537	11.514	881.6	33.7	848
MINIMUM						0.198	0.840	0.135	2.400	5.075	0.620	7.175	710.0	12.0	640
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78	1324			.3		1555	9.10	248.0
15 02 78	1220			.3		1430	18.00	203.0
22 03 78	1200			.3		1035	35.00	160.0
13 04 78	1210			.3		1100	10.00	154.0
17 05 78	1123			.3		1050	46.00	159.0
15 06 78	1320			.3		1460	5.30	220.0
17 07 78	1043			.3		1260	5.20	198.0
23 08 78	0956			.3		1230	5.50	170.0
18 09 78	1141			.3		1010	24.00	158.0
30 10 78	1200			.3		1320	10.0	203.
30 11 78	1435			.3		1800	13.00	330.0
20 12 78	1345			.3		1550	8.70	270.0
MAXIMUM						1800	46.00	330.0
AVG OR GEOM MN (*)						1317	15.82	206.1
MINIMUM						1010	5.20	154.0
NO OF SAMPLES						12	12	12

B.O.W./ SITE: DON RIVER
SAMPLE POINT: BAYVIEW EXIT FROM DON VALLEY PARKWAY, TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC024
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER
STATION ID: 06-0085-013-02
STORET CODE: 02
004
4050

STN NO: 13 LAT: LONG: U T M: 17 0631740.0 4837425.0 4 REGION: 03 MILEAGE: 2.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78	1057			.3		37500	6	75.20	8.	4. L	10. L	2.0		1.0	0.235
15 02 78	1014			.3		37519	6	67.50	4.	4. L	4. L	2.0		0.8	0.475
22 03 78	1002			.3		37538	6	590.00	47000.	4100.	2300.	3.0	12.6	7.6	0.396
13 04 78	1012			.3		37557	6	250.00	3400.	10. L	100.	4.7	14.1	1.6	0.178
17 05 78	0925			.3		37576	6	228.00	12600E+1	7600.	1500. G	10.2	11.2	6.0	0.240
15 06 78	1111			.3		37595	6	67.10	73000.	80.	110.	15.0	10.0	7.0	0.230
17 07 78	0853			.3		37614	6	44.80	1600.	510.	110.	17.0	8.8	7.5	0.210
23 08 78	0800			.3		37633	6	50.90	2700.	40.	30.	17.5	8.4	14.0	0.490
18 09 78	1000			.3		37652	6	824.00	23000.	1500.	4000.	11.5	10.4	10.0	0.945
30 10 78	1005			.3		37671	6	79.50	200.	10. L	10. L	6.5	12.2	2.2	0.375
30 11 78	1150			.3		37690	6	118.00	52000.	2100.	1500. G	3.0	12.3	7.4	0.196
20 12 78	1025			.3		37709	6	89.80	150.	10. L	400.	1.0	12.4	4.3	0.392
MAXIMUM								824.00	12600E+1	7600.	4000.	17.5	14.1	14.0	0.945
AVG OR GEOM MN (*)								207.07	2098.*	108.* D	149.* E	7.8	11.2	5.8	0.364
MINIMUM								44.80	4.	4.	4.	1.0	8.4	0.8	0.178
NO OF SAMPLES								12	12	12	12	12	10	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78	1057			.3		0.096	4.800	5.700	0.066	1.980	6.846	0.900	7.746	1205.0	5.6
15 02 78	1014			.3		0.312	6.550	8.800	0.084	1.790	8.424	2.250	10.674	919.0	10.0
22 03 78	1002			.3		0.061	0.680	2.080	0.048	1.670	2.398	1.400	3.798	745.0	232.0
13 04 78	1012			.3		0.056	1.140	1.880	0.066	2.260	3.466	0.740	4.206	729.0	63.0
17 05 78	0925			.3		0.044	1.230	2.700	0.081	1.920	3.231	1.470	4.701	741.0	46.0
15 06 78	1111			.3		0.130	4.550	5.600	0.180	1.170	5.900	1.050	6.950	634.0	13.0
17 07 78	0853			.3		0.080	1.750	6.850	0.425	0.510	2.685	5.100	7.785	640.0	8.5
23 08 78	0800			.3		0.160	3.250	3.800	0.875	3.620	7.745	0.550	8.295	576.0	26.0
18 09 78	1000			.3		0.097	0.660	1.620	0.082	0.820	1.562	0.960	2.522	758.0	478.0
30 10 78	1005			.3		0.270	3.67	4.35	0.105	1.54	5.315	0.680	5.995	596.	6.4
30 11 78	1150			.3		0.088	2.080	2.480	0.200	1.500	3.780	0.400	4.180	1976.0	38.0
20 12 78	1025			.3		0.200	4.120	4.490	0.100	1.850	6.070	0.370	6.440	694.0	9.0
MAXIMUM						0.312	6.550	8.800	0.875	3.620	8.424	5.100	10.674	1976.0	478.0
AVG OR GEOM MN (*)						0.133	2.873	4.196	0.193	1.719	4.785	1.323	6.108	851.1	78.0
MINIMUM						0.044	0.660	1.620	0.048	0.510	1.562	0.370	2.522	576.0	5.6
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: DON RIVER
SAMPLE POINT: BAYVIEW EXIT FROM DON VALLEY PARKWAY, TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC024
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER
STATION ID: 06-0085-013-02
STORET CODE: 02 004 4050

STN NO: 13 LAT: LONG: U T M: 17 0631740.0 4837425.0 4 REGION: 03 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1057			.3		1199	650	6.40	440.0
15 02 78 1014			.3		909	1565	11.00	300.0
22 03 78 1002			.3		513	840	140.00	143.0
13 04 78 1012			.3		666	1030	46.00	159.0
17 05 78 0925			.3		695	1030	20.00	156.0
15 06 78 1111			.3		621	990	6.30	160.0
17 07 78 0853			.3		632	1000	3.70	178.0
23 08 78 0800			.3		550	880	27.00	135.0
18 09 78 1000			.3		280	455	110.00	60.0
30 10 78 1005			.3		590	960	6.3	128.
30 11 78 1150			.3		1938	3250	22.00	1000.0
20 12 78 1025			.3		685	1140	10.00	195.0
MAXIMUM					1938	3250	140.00	1000.0
AVG OR GEOM MN (*)					773	1149	34.06	254.5
MINIMUM					280	455	3.70	60.0
NO OF SAMPLES					12	12	12	12

B.O.W./ SITE: HIGHLAND CREEK
SAMPLE POINT: HIGHLAND CREEK PARK WEST HILL
STATION TYPE: RIVER FLOW GAUGE FED 02HC013
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HIGHLAND CREEK
STATION ID: 06-0094-002-02
STORET CODE: 02 004 3910

STN NO: 2 LAT: LONG: U T M: 17 0647400.0 4848825.0 4 REGION: 03 MILEAGE: 1.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1140			.3		37502	6	9.00	16500E+1	1100.	900.	2.0		1.4	0.031
15 02 78 1056			.3		37521	6 4	10.00	700.	100.	200.	0.5		2.0	0.021
23 02 78 0935			.3		36142	4	8.40	4400.	390.	250.	0.0	9.8	0.2	0.057
22 03 78 1055			.3		37540	6	306.00	14200.	500.	800.	3.5	12.2	5.0	0.244
13 04 78 1105			.3		37559	6	31.30	6800.	1020.	660.	8.5	13.2	1.0	0.096
15 05 78 1105			.3		36272	6 9	69.90	43000.	450.	260.	9.0	9.5	1.0	0.270
17 05 78 1007			.3		37578	6	36.00	52000.	1900.	880.	10.9	10.4	2.4	0.220
15 06 78 1150			.3		37597	6	20.00	1400.	90.	180.	15.3	9.6	0.4	0.030
19 06 78 1200			.3		36334		18.40	2600.	56.	32.			2.5	0.019
17 07 78 0934			.3		37616	6	14.80	370.	10.	60.	16.9	10.2	0.5	0.024
1010			.3		36396	6	14.80	1000.	40.	70.	20.8	6.6	0.6	0.085
23 08 78 0850			.3		37635	6	18.00	23000.	480.	370.	16.0	9.4	1.5	0.410
18 09 78 1039			.3		37654	6	297.00	21000E+1	9000.	21000.	10.8	10.4	5.5	0.722
25 09 78 1100			.3		36530	6	16.40	4400.	120.	100.	14.8	11.4	0.2	0.078
27 10 78 1345			.3		36637	6	14.60				8.5	11.7	1.0	0.050
30 10 78 1052			.3		37673	6	12.60	2200.	190.	70.	4.9	13.1	1.4	0.023
29 11 78 1000			.3		36682	4	15.50	4. L	10. L	10.	0.5	9.3	0.8	0.098
30 11 78 1310			.3		37692	6	17.00	47000.	1700.	4100.	1.5	13.2	12.8	0.300
11 12 78 0940			.3		36701	6	17.70	4700.	220.	196.	0.0		0.2	0.082
20 12 78 1115			.3		37711	6 4	11.30	240.	400.	500.	1.5	14.4	0.4	0.042
MAXIMUM							306.00	21000E+1	9000.	21000.	20.8	14.4	12.8	0.722
AVG OR GEOM MN (*)							47.94	4368.* D	256.* D	279.*	7.7	10.9	2.0	0.145
MINIMUM							8.40	4.	10.	10.	0.0	6.6	0.2	0.019
NO OF SAMPLES							20	19	19	19	19	16	20	20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1140			.3		0.009	0.094	0.360	0.032	1.450	1.576	0.266	1.842	1377.0	9.2
15 02 78 1056			.3		0.013	0.084	0.390	0.032	1.290	1.406	0.306	1.712	1032.0	12.0
23 02 78 0935			.3		0.010	0.148	0.470	0.023	0.945	1.116	0.322	1.438	809.0	25.0
22 03 78 1055			.3		0.050	0.156	0.880	0.043	1.800	1.999	0.724	2.723	652.0	134.0
13 04 78 1105			.3		0.013	0.058	0.760	0.045	2.030	2.133	0.702	2.835	804.0	84.0
15 05 78 1105			.3		0.029	0.042	1.150	0.031	1.620	1.693	1.108	2.801	676.0	209.0
17 05 78 1007			.3		0.005	0.004	0.710	0.041	1.810	1.855	0.706	2.561	871.0	178.0
15 06 78 1150			.3		0.005	0.100	0.340	0.021	0.830	0.951	0.240	1.191	621.0	11.0
19 06 78 1200			.3		0.005	0.070	0.390	0.029	0.770	0.869	0.320	1.189	304.0	93.0
17 07 78 0934			.3		0.001L	0.036	0.370	0.014	0.502	0.552	0.334	0.886	636.0	15.0
1010			.3		0.004	0.016	0.470	0.017	0.463	0.496	0.454	0.950	222.0	24.0
23 08 78 0850			.3		0.052	0.082	0.800	0.033	0.515	0.630	0.718	1.348	846.0	320.0
18 09 78 1039			.3		0.032	0.060	1.150	0.023	0.465	0.548	1.090	1.638	680.0	498.0
25 09 78 1100			.3		0.018	0.036	0.840	0.019	0.790	0.845	0.804	1.649	707.0	44.0
27 10 78 1345			.3		0.008	0.016	0.420	0.024	0.675	0.715	0.404	1.119	413.0	18.0
30 10 78 1052			.3		0.008	0.043	0.35	0.014	0.635	0.692	0.307	0.999	631.	11.
29 11 78 1000			.3		0.016	0.118	0.600	0.020	0.980	1.118	0.482	1.600	308.0	32.0
30 11 78 1310			.3		0.032	0.111	0.960	0.100	0.900	1.111	0.849	1.960	2252.0	303.0
11 12 78 0940			.3		0.018	0.166	0.70	0.028	1.57	1.764	0.534	2.298	314.	14.
20 12 78 1115			.3		0.012	0.154	0.490	0.025	1.380	1.559	0.336	1.895	865.0	13.0
MAXIMUM					0.052	0.166	1.150	0.100	2.030	2.133	1.108	2.835	2252.0	498.0
AVG OR GEOM MN (*)					0.017D	0.080	0.630	0.031	1.071	1.181	0.550	1.732	751.0	102.4
MINIMUM					0.001	0.004	0.340	0.014	0.463	0.496	0.240	0.886	222.0	9.2
NO OF SAMPLES					20	20	20	20	20	20	20	20	20	20

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
18 01 78	1140			.3		1368		2310	6.70	563.0					
15 02 78	1056			.3		1020		1700	11.00	360.0					
23 02 78	0935			.3		784		1250	22.00	225.0	88.0	4.85	7.90	1.500	1.0L
22 03 78	1055			.3		518		850	79.00	148.0					
13 04 78	1105			.3		720		1020	52.00	178.0					
15 05 78	1105			.3		467		720	89.00	88.0	57.0	3.80	8.11	7.600	4.0
17 05 78	1007			.3		693		1000	57.00	154.0					
15 06 78	1150			.3		610		960	13.00	148.0					
19 06 78	1200			.3			211	325	29.00	158.0	80.0	3.90	8.23	0.340	2.0
17 07 78	0934			.3		621		910	7.30	143.0					
	1010			.3			198	305	16.00	145.0	78.0	3.80	8.37	1.800	1.0L
23 08 78	0850			.3		526		840	215.00	120.0					
18 09 78	1039			.3			182	280	170.00	31.0					
25 09 78	1100			.3		663		980	29.00	140.0	94.0	4.90	8.04	1.600	1.0L
27 10 78	1345			.3		395		650	14.00	75.0	56.0	3.55	7.97	0.790	1.0
30 10 78	1052			.3		620		930	3.5	128.					
29 11 78	1000			.3		276		435	18.00	400.0	100.0	5.80	8.18	2.000	1.0L
30 11 78	1310			.3		1949		3650	170.00	1075.0					
11 12 78	0940			.3		300		470	6.2	400.	100.	6.0	7.86	1.2	1. L
20 12 78	1115			.3		852		1370	11.00	275.0					
MAXIMUM						1949	211	3650	215.00	1075.0	100.0	6.0	8.37	7.600	4.0
AVG OR GEOM MN (*)						728	197	1048	50.94	247.7	81.6	4.58	8.08	2.104	1.5D
MINIMUM						276	182	280	3.5	31.0	56.0	3.55	7.86	0.340	1.0
NO OF SAMPLES						17	3	20	20	20	8	8	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
23 02 78	0935			.3		5.0	51								
22 03 78	1055			.3		5.0	51								
13 04 78	1105			.3		5.0	51								
15 05 78	1105			.3		5.4	42	1	0.002	0.01 L	0.030	0.010L	0.030L	0.005L	0.050
17 05 78	1007			.3		5.4	42	1	0.002	0.01 L	0.030	0.010L	0.030L	0.005L	0.050
15 06 78	1150			.3		5.4	42	1	0.002	0.01 L	0.030	0.010L	0.030L	0.005L	0.050
19 06 78	1200			.3		3.2	34								
17 07 78	0934			.3		3.2	34								
	1010			.3		2.5	21								
23 08 78	0850			.3		2.5	21								
18 09 78	1039			.3		2.5	21								
25 09 78	1100			.3		3.0	20	1	0.001	0.12	0.02 L	0.01 L	0.03 L	0.005L	0.03
27 10 78	1345			.3		3.5	30								
30 10 78	1052			.3		3.5	30								
29 11 78	1000			.3		2.6	34			0.180					
30 11 78	1310			.3		2.6	34			0.180					
11 12 78	0940			.3		3.0	10L	2	0.001	0.04	0.02 L	0.03	0.03 L	0.005L	0.06
20 12 78	1115			.3		3.0	10L	2	0.001	0.04	0.02 L	0.03	0.03 L	0.005L	0.06
MAXIMUM						5.4	51	2	0.002	0.180	0.030	0.03	0.030	0.005	0.06
AVG OR GEOM MN (*)						3.7	32D	1	0.002	0.074D	0.025D	0.017D	0.030D	0.005D	0.050
MINIMUM						2.5	10	1	0.001	0.01	0.02	0.010	0.030	0.005	0.03
NO OF SAMPLES						18	18	6	6	8	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
15 05 78	1105			.3		0.020L
17 05 78	1007			.3		0.020L
15 06 78	1150			.3		0.020L
25 09 78	1100			.3		0.02 L
11 12 78	0940			.3		0.02 L
20 12 78	1115			.3		0.02 L
MAXIMUM						0.020
AVG OR GEOM MN (*)						0.020D
MINIMUM						0.020
NO OF SAMPLES						6

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: HIGHWAY 48 MARKHAM
STATION TYPE: RIVER FLOW GAUGE FED 02HC022

STATION ID: 06-0097-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HIGHWAY 48, MARKHAM

STORET CODE: 02
004
3880

STN NO: 2 LAT: LONG: U T M: 17 0639875.0 4858525.0 4 REGION: 03 MILEAGE: 12.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
03 03 78	0945			.3		36155	6	26.80	370.	140.	88.	2.0	10.8	0.8	0.037
19 04 78	1215			.3		35007	6	108.00	1800.	70.	170.	7.2	12.0	0.8	0.070
29 05 78	1215			.3		35055	6	26.60	1000.	190.	80.	24.0	9.4	4.0	0.192
30 06 78	1220			.3		35102	6	11.40				20.5	11.8	1.6	0.148
18 07 78	1235			.3		35150	6	10.10	200.	50.	30.	20.1	12.8	0.5	0.075
09 08 78	1230			.3		35165	6	15.60	3300.	540.	1840.	20.2	11.6	2.0	0.105
25 09 78	1050			.3		35211	6	19.40	13400E+1	21000.	2900.	13.9	12.8	2.2	0.193
18 10 78	1330			.3		35261	6	21.40	2000.	10. L	100. L	10.0	9.9	1.0	0.049
08 11 78	1240			.3		35309	6	19.40	440.	16.	44.	7.1	11.8	0.8	0.022
19 12 78	1315			.3		35390	4	23.00	60.	4. L	4.	0.0	11.1	0.4	0.095
MAXIMUM								108.00	13400E+1	21000.	2900.	24.0	12.8	4.0	0.193
AVG OR GEOM MN (*)								28.17	1135.*	96.* D	114.* D	12.5	11.4	1.4	0.099
MINIMUM								10.10	60.	4.	4.	0.0	9.4	0.4	0.022
NO OF SAMPLES								10	9	9	9	10	10	10	10

(CONTD)

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: HIGHWAY 48 MARKHAM
STATION TYPE: RIVER FLOW GAUGE FED 02HC022

STATION ID: 06-0097-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO: 2 LAT: LONG: U T M: 17 0639875.0 4858525.0 4 REGION: 03 MILEAGE: 12.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
03 03 78 0945			.3		0.013	0.448	0.800	0.041	1.580	2.069	0.352	2.421	434.0	5.2
19 04 78 1215			.3		0.011	0.052	0.700	0.018	2.260	2.330	0.648	2.978	429.0	34.0
29 05 78 1215			.3		0.037	0.384	1.180	0.165	0.010	0.559	0.796	1.355	428.0	53.0
30 06 78 1220			.3		0.019	0.090	0.760	0.085	1.390	1.565	0.670	2.235	425.0	49.0
18 07 78 1235			.3		0.013	0.066	0.550	0.038	0.892	0.996	0.484	1.480	363.0	24.0
09 08 78 1230			.3		0.013	0.082	0.65	0.120	1.36	1.562	0.568	2.130	418.	50.
25 09 78 1050			.3		0.076	0.58	1.31	0.110	0.990	1.680	0.730	2.410	450.	48.
18 10 78 1330			.3		0.017	0.008	0.450	0.012	1.490	1.510	0.442	1.952	399.0	4.9
08 11 78 1240			.3		0.009	0.012	0.390	0.008	0.582	0.602	0.378	0.980	363.0	12.0
19 12 78 1315			.3		0.027	0.160	0.66	0.059	2.04	2.259	0.500	2.759	531.	16.
MAXIMUM					0.076	0.58	1.31	0.165	2.260	2.330	0.796	2.978	531.	53.0
AVG OR GEOM MN (*)					0.024	0.188	0.745	0.066	1.259	1.513	0.557	2.070	424.0	29.6
MINIMUM					0.009	0.008	0.390	0.008	0.010	0.559	0.352	0.980	363.0	4.9
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
03 03 78 0945			.3		429	700	5.20	27.5
19 04 78 1215			.3		395	620	18.00	48.0
29 05 78 1215			.3		375	605	23.00	44.0
30 06 78 1220			.3		376	600	29.00	50.0
18 07 78 1235			.3		339	540	15.00	37.5
09 08 78 1230			.3		368	560	22.	49.0
25 09 78 1050			.3		402	630	19.	50.
18 10 78 1330			.3		394	620	6.20	50.0
08 11 78 1240			.3		351	620	6.40	42.0
19 12 78 1315			.3		515	850	13.	102.
MAXIMUM					515	850	29.00	102.
AVG OR GEOM MN (*)					394	635	15.68	50.0
MINIMUM					339	540	5.20	27.5
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: BOX GROVE, TOWN OF MARKHAM
STATION TYPE: RIVER FLOW GAUGE FED 02HC022

STATION ID: 06-0097-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO: 3 LAT: LONG: U T M: 17 0641950.0 4857450.0 4 REGION: 03 MILEAGE: 10.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
03 03 78 1020			.3		36156	4	26.80	100.	10. L	40.	0.0	11.2	2.0	0.102
19 04 78 1230			.3		35008	6	108.00	1330.	130.	170.	7.9	11.6	1.0	0.070
29 05 78 1230			.3		35056	6	26.60	1000.	70.	10. L	24.0	10.2	3.0	0.188
30 06 78 1230			.3		35103	6	11.40				24.0	10.8	1.8	0.199
18 07 78 1250			.3		35151	6 9	10.10	400.	60.	50.	24.9	14.8	1.0	0.183
09 08 78 1245			.3		35166	6	15.60	1400.	70.	140.	21.9	12.2	1.5	0.184
25 09 78 1035			.3		35210	6	19.40	500.	100. L	100.	14.1	13.8	1.0	0.176
18 10 78 1350			.3		35262	6	21.40	1100.	10.	10.	8.9	10.6	0.4	0.120
08 11 78 1250			.3		35310	6	19.40	132.	4. L	8.	7.8	12.2	0.8	0.088
19 12 78 1325			.3		35391	4	23.00	20.	10. L	10. L	0.0	10.9	1.4	0.093
MAXIMUM							108.00	1400.	130.	170.	24.9	14.8	3.0	0.199
AVG OR GEOM MN (*)							28.17	363.*	29.* D	32.* D	13.4	11.8	1.4	0.140
MINIMUM							10.10	20.	4.	8.	0.0	10.2	0.4	0.070
NO OF SAMPLES							10	9	9	9	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
03 03 78 1020			.3		0.052	0.611	1.180	0.084	2.110	2.805	0.569	3.374	466.0	10.0
19 04 78 1230			.3		0.024	0.164	0.700	0.027	2.400	2.591	0.536	3.127	412.0	27.0
29 05 78 1230			.3		0.105	0.386	1.140	0.195	0.180	0.761	0.754	1.515	427.0	15.0
30 06 78 1230			.3		0.120	0.048	0.810	0.215	2.480	2.743	0.762	3.505	413.0	7.9
18 07 78 1250			.3		0.120	0.022	0.660	0.205	3.390	3.617	0.638	4.255	422.0	9.3
09 08 78 1245			.3		0.100	0.082	0.64	0.160	3.82	4.062	0.558	4.620	433.	20.
25 09 78 1035			.3		0.095	0.126	0.86	0.155	3.29	3.571	0.734	4.305	482.	31.
18 10 78 1350			.3		0.079	0.123	0.640	0.087	2.210	2.420	0.517	2.937	417.0	5.5
08 11 78 1250			.3		0.073	0.171	0.400	0.090	2.360	2.621	0.229	2.850	424.0	7.0
19 12 78 1325			.3		0.059	0.360	0.87	0.070	2.18	2.610	0.510	3.120	541.	13.
MAXIMUM					0.120	0.611	1.180	0.215	3.82	4.062	0.762	4.620	541.	31.
AVG OR GEOM MN (*)					0.083	0.209	0.790	0.129	2.442	2.780	0.581	3.361	443.7	14.6
MINIMUM					0.024	0.022	0.400	0.027	0.180	0.761	0.229	1.515	412.0	5.5
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
03 03 78 1020			.3		456	760	7.70	34.0
19 04 78 1230			.3		385	630	17.00	54.0
29 05 78 1230			.3		412	640	11.00	55.0
30 06 78 1230			.3		405	640	2.80	65.0
18 07 78 1250			.3		413	640	3.20	75.0
09 08 78 1245			.3		413	640	10.	76.
25 09 78 1035			.3		451	680	19.	63.
18 10 78 1350			.3		411	640	7.60	58.0
08 11 78 1250			.3		417	670	5.80	57.0
19 12 78 1325			.3		528	900	12.	117.
MAXIMUM					528	900	19.	117.
AVG OR GEOM MN (*)					429	684	9.61	65.4
MINIMUM					385	630	2.80	34.0
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: HIGHWAY 2, 1MILE WEST OF ROUGE HILL
STATION TYPE: RIVER

STATION ID: 06-0097-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO: 5 LAT: LONG: U T M: 17 0650060.0 4851850.0 4 REGION: 03 MILEAGE: 1.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 02 78 1005			.3		36143	4	130.	4. L	36.	0.0	10.2	0.2	0.063	0.035
02 03 78 1400			.3		36154	4								
19 04 78 1345			.3		35013	6	2400.	140.	360.	7.5	10.4	0.8	0.094	0.025
29 05 78 1400			.3		35061	6	160.	30.	10. L	25.0	11.0	1.4	0.033	0.004
30 06 78 1345			.3		35108	6				24.7	10.8	2.0	0.066	0.001
18 07 78 1400			.3		35156	6	50.	10.	20.	23.7	11.2	2.2	0.044	0.001
09 08 78 1400			.3		35171	6	970.	240.	280.	22.9	12.1	1.0	0.038	0.002
25 09 78 0940			.3		35205	6	1200.	130.	70.	14.0	14.0	0.2	0.070	0.057
18 10 78 1515			.3		35267	6	900.	4. L	76.	8.0	9.8	0.5	0.023	0.004
08 11 78 1415			.3		35315	6	110.	4.	4. L	6.1	11.9	1.2	0.023	0.001
19 12 78 1500			.3		35396	4	880.	4.	36.	0.0	11.3			
MAXIMUM							2400.	240.	360.	25.0	14.0	2.2	0.094	0.057
AVG OR GEOM MN (*)							398.*	19.* D	43.* D	13.2	11.3	1.1	0.050	0.014
MINIMUM							50.	4.	4.	0.0	9.8	0.2	0.023	0.001
NO OF SAMPLES							9	9	9	10	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 02 78 1005			.3		0.840	1.160	0.029	2.650	3.519	0.320	3.839	485.0	18.0	467
19 04 78 1345			.3		0.148	0.680	0.031	2.350	2.529	0.532	3.061	587.0	170.0	417
29 05 78 1400			.3		0.052	0.610	0.078	1.160	1.290	0.558	1.848	432.	7.4	425
30 06 78 1345			.3		0.036	0.890	0.019	0.155	0.210	0.854	1.064	347.0	8.3	339
18 07 78 1400			.3		0.004	0.620	0.007	0.100	0.111	0.616	0.727	358.0	21.0	337
09 08 78 1400			.3		0.012	0.49	0.020	0.860	0.892	0.478	1.370	344.	6.5	338
25 09 78 0940			.3		0.032	0.33	0.008	0.605	0.645	0.298	0.943	302.	6.1	296
18 10 78 1515			.3		0.002L	0.450	0.016	1.430	1.448	0.448	1.896	406.0	2.3	404
08 11 78 1415			.3		0.002	0.400	0.017	1.180	1.199	0.398	1.597	359.0	7.7	351
MAXIMUM					0.840	1.160	0.078	2.650	3.519	0.854	3.839	587.0	170.0	467
AVG OR GEOM MN (*)					0.125D	0.626	0.025	1.166	1.316	0.500	1.816	402.2	27.5	375
MINIMUM					0.002	0.33	0.007	0.100	0.111	0.298	0.727	302.	2.3	296
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
24 02 78 1005			.3		755	14.00	65.0	46.5	5.50	7.93	2.200	1.0L	4.0	36
19 04 78 1345			.3		670	120.00	58.0							
29 05 78 1400			.3		660	2.4	65.0	41.5	1.50	8.29	0.210	1.0L	4.	14
30 06 78 1345			.3		550	4.10	68.0	41.0	3.00	8.21	0.320	1.0L	6.0	37
18 07 78 1400			.3		530	12.00	69.0	38.5	3.35	8.40	1.200	1.0L	5.2	26
09 08 78 1400			.3		530	4.8	56.	34.5	2.20	8.08	0.25	1. L	4.4	26
25 09 78 0940			.3		445	3.9	15.5	33.5	3.70	8.24	0.22	1. L	3.6	23
18 10 78 1515			.3		625	4.3	33.5	51.0	1.35	7.98	0.230	1.0L	4.0	23
08 11 78 1415			.3		620	3.10	53.0	49.0	2.45	8.24	0.220	1.0L	4.2	18
19 12 78 1500			.3										4.2	18
MAXIMUM					755	120.00	69.0	51.0	5.50	8.40	2.200	1.0	6.0	37
AVG OR GEOM MN (*)					598	18.73	53.7	41.9	2.88	8.17	0.606	1.0D	4.4	25
MINIMUM					445	2.4	15.5	33.5	1.35	7.93	0.210	1.0	3.6	14
NO OF SAMPLES					9	9	9	8	8	8	8	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
02 03 78 1400			.3				0.320						
19 04 78 1345			.3				0.320						
29 05 78 1400			.3		1	0.001	0.040	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
30 06 78 1345			.3		1	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
09 08 78 1400			.3			0.001	1.300	0.020L	0.010L	0.030L	0.005L	0.020	0.020L
25 09 78 0940			.3		2	0.001		0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
08 11 78 1415			.3		2	0.001		0.020L	0.020	0.030L	0.005L	0.020	0.020L
19 12 78 1500			.3		2	0.001		0.020L	0.020	0.030L	0.005L	0.020	0.020L
MAXIMUM					2	0.001	1.300	0.020	0.020	0.030	0.005	0.020	0.020
AVG OR GEOM MN (*)					2	0.001	0.402D	0.020D	0.013D	0.030D	0.005D	0.015D	0.020D
MINIMUM					1	0.001	0.030	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					5	6	5	6	6	6	6	6	6

```
 B.O.W./ SITE: LITTLE ROUGE CREEK                                                               STATION ID:  06-0097-006-02
 SAMPLE POINT: STEELES AVE NEAR TENTH LINE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: ROUGE RIVER                                            3880

STN NO:     6    LAT:              LONG:                 U T M: 17 0644650.0 4856375.0 4    REGION: 03            MILEAGE:    6.60

                                       934     901         80        81        84       805         3          1         33       34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO          COLIFORM  COLIFORM    ENTER.     TEMP.         02        BOD         P  REACTIVE
               FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L       MG/L      MG/L    P MG/L

03 03 78 1045               .3       36157   4         1500.       30.      140.       0.0      10.4        0.8     0.029     0.009
19 04 78 1245               .3       35009   6          152.       76.      600.  G    7.8      11.6        0.2     0.040     0.009
29 05 78 1240               .3       35057   6        30000.       56.       10.  L   27.9      10.0        1.0     0.016     0.001
30 06 78 1240               .3       35104   6                                        24.2      10.6        1.0     0.019     0.001L
18 07 78 1300               .3       35152   6         3200.     1400.     1080.      25.3      11.6        0.2     0.010     0.001
09 08 78 1300               .3       35167   6                                        22.7      12.4        0.4     0.016     0.002
25 09 78 1025               .3       35209   6         9000.      340.      180.      14.1      14.9        0.2     0.007     0.001
18 10 78 1405               .3       35263   6          480.       30.       40.       8.1      10.4        0.2     0.007     0.002
08 11 78 1305               .3       35311   6           90.        4. L     20.       7.1      11.8        2.2     0.010     0.002
19 12 78 1345               .3       35392   4         3300.       40.      140.       0.0      11.6        0.5     0.035     0.006

                       MAXIMUM                        30000.     1400.     1080.      27.9      14.9        2.2     0.040     0.009
            AVG OR GEOM MN (*)                        1517.*      64.* D   108.*  E   13.7      11.5        0.7     0.019     0.003D
                       MINIMUM                           90.        4.       10.       0.0      10.0        0.2     0.007     0.001

                 NO OF SAMPLES                               8         8         8        10        10         10        10        10

                                        19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

03 03 78 1045               .3       0.036     0.380     0.014     2.380     2.430     0.344     2.774     413.0       6.3       407
19 04 78 1245               .3       0.024     0.560     0.012     2.370     2.406     0.536     2.942     375.0      17.0       358
29 05 78 1240               .3       0.026     0.540     0.022     1.010     1.058     0.514     1.572     313.0       2.6       310
30 06 78 1240               .3       0.010     0.470     0.004     0.060     0.074     0.460     0.534     243.0       8.9
18 07 78 1300               .3       0.006     0.460     0.003     0.037     0.046     0.454     0.500     220.0       2.5
09 08 78 1300               .3       0.006     0.37      0.003     0.027     0.036     0.364     0.400     231.        7.3
25 09 78 1025               .3       0.008     0.34      0.004     0.075     0.087     0.332     0.419     327.        2.8       324
18 10 78 1405               .3       0.002     0.350     0.005     0.345     0.352     0.348     0.700     327.0       2.4       325
08 11 78 1305               .3       0.005     0.290     0.007     0.408     0.420     0.285     0.705     278.0       5.8       272
19 12 78 1345               .3       0.006     0.40      0.009     1.44      1.455     0.394     1.849     397.       24.        373

                       MAXIMUM       0.036     0.560     0.022     2.380     2.430     0.536     2.942     413.0      24.        407
            AVG OR GEOM MN (*)       0.013     0.416     0.008     0.815     0.836     0.403     1.240     312.4       8.0       338
                       MINIMUM       0.002     0.290     0.003     0.027     0.036     0.285     0.400     220.0       2.4       272

                 NO OF SAMPLES          10        10        10        10        10        10        10        10        10         7

                                       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L
               FEET      MTRS     MG/L         UMHOS     UNITS

03 03 78 1045               .3                   635      4.30      32.0
19 04 78 1245               .3                   560     10.00      28.5
29 05 78 1240               .3                   480      1.90      30.5
30 06 78 1240               .3         234       360      2.10      25.0



18 07 78 1300               .3         218       335      1.10      24.0
09 08 78 1300               .3         224       345      4.3       23.0
25 09 78 1025               .3                   470      2.6       33.0
18 10 78 1405               .3                   485      3.80      30.0
08 11 78 1305               .3                   520      5.00      26.5
19 12 78 1345               .3                   640     32.        37.

                       MAXIMUM         234       640     32.        37.
            AVG OR GEOM MN (*)         225       483      6.71      29.0
                       MINIMUM         218       335      1.10      23.0

                 NO OF SAMPLES           3        10        10        10


 B.O.W./ SITE: ROUGE RIVER                                                                      STATION ID:  06-0097-011-02
 SAMPLE POINT: AT TWIN RIVERS DRIVE SCARBOROUGH
 STATION TYPE: RIVER   FLOW GAUGE FED 02HC103           MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: ROUGE RIVER                                            3880

STN NO:    11    LAT:              LONG:                 U T M: 17 0648000.0 4852275.0 4    REGION: 03            MILEAGE:    3.30

                                       934     901         80        81        84       805         3          1         33       34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD     TOTAL     FECAL      M.F.     WATER      DISS.      5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO          COLIFORM  COLIFORM    ENTER.     TEMP.         02        BOD         P  REACTIVE
               FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L       MG/L      MG/L    P MG/L

03 03 78 1130               .3       36159   4          110.       20.      170.       0.0      10.8        1.4     0.143     0.046
19 04 78 1315               .3       35011   6          700.       70.       80.       7.8      11.2        0.6     0.164     0.023
29 05 78 1310               .3       35059   6          100.       10. L     10.  L   26.0      11.2        1.6     0.039     0.007
30 06 78 1310               .3       35106   7                                        24.6      10.6        2.2     0.048     0.001L
18 07 78 1325               .3       35154   7          200.       40.       30.      25.2      12.8        1.0     0.047     0.001
09 08 78 1325               .3       35169   7        10000.      170.      440.      23.0      14.6        1.4     0.061     0.012
25 09 78 0955               .3       35207   6          530.       10.       40.      14.0      14.8        0.2     0.045     0.018
18 10 78 1435               .3       35265   6         4000.       10.       20.       8.3      12.4        0.2     0.023     0.007
08 11 78 1335               .3       35313   6          600.       52.       60.       7.9      11.6        1.8     0.150     0.010
19 12 78 1420               .3       35394   4           60.        4. L      4.  L    0.0      11.5        1.0     0.078     0.046

                       MAXIMUM                        10000.      170.      440.      26.0      14.8        2.2     0.164     0.046
            AVG OR GEOM MN (*)                          472.*      23.* D    41.*  D   13.7      12.2        1.1     0.080     0.017D
                       MINIMUM                           60.        4.        4.       0.0      10.6        0.2     0.023     0.001

                 NO OF SAMPLES                               9         9         9        10        10         10        10        10
```

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
03 03 78	1130			.3		0.509	1.230	0.070	2.330	2.909	0.721	3.630	518.0	53.0	465
19 04 78	1315			.3		0.126	0.740	0.028	1.670	1.824	0.614	2.438	540.0	125.0	415
29 05 78	1310			.3		0.068	0.560	0.100	1,400	1.568	0.492	2.060	393.0	2.8	390
30 06 78	1310			.3		0.038	0.780	0.016	0.160	0.214	0.742	0.956	359.0	25.0	334
18 07 78	1325			.3		0.004	0.660	0.013	0.367	0.384	0.656	1.040	343.0	19.0	324
09 08 78	1325			.3		0.012	0.54	0.016	1.48	1.508	0.528	2.036	411.	8.2	403
25 09 78	0955			.3		0.004	0.52	0.012	1.99	2.006	0.516	2.522	458.	6.0	452
18 10 78	1435			.3		0.002	0.470	0.012	1.190	1.204	0.468	1.672	384.0	4.2	380
08 11 78	1335			.3		0.005	0.880	0.030	2.670	2.705	0.875	3.580	485.0	112.0	373
19 12 78	1420			.3		0.350	0.86	0.055	2.44	2.845	0.510	3.355	513.	9.	504
MAXIMUM						0.509	1.230	0.100	2.670	2.909	0.875	3.630	540.0	125.0	504
AVG OR GEOM MN (*)						0.112	0.724	0.035	1.570	1.717	0.612	2.329	440.4	36.4	404
MINIMUM						0.002	0.470	0.012	0.160	0.214	0.468	0.956	343.0	2.8	324
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
03 03 78	1130			.3		770	9.10	37.0
19 04 78	1315			.3		670	59.00	56.0
29 05 78	1310			.3		600	1.50	65.0
30 06 78	1310			.3		530	2.00	65.0
18 07 78	1325			.3		530	6.20	74.0
09 08 78	1325			.3		590	6.5	70.
25 03 78	0955			.3		680	5.4	64.
18 10 78	1435			.3		610	4.90	59.0
08 11 78	1335			.3		680	29.00	69.0
19 12 78	1420			.3		860	6.8	112.
MAXIMUM						860	59.00	112.
AVG OR GEOM MN (*)						652	13.04	67.1
MINIMUM						530	1.50	37.0
NO OF SAMPLES						10	10	10

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: AT SEWELL ROAD NORTH OF FINCH AVENUE
STATION TYPE: RIVER

STATION ID: 06-0097-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO: 12 LAT: LONG: U T M: 17 0644725.0 4854100.0 4 REGION: 03 MILEAGE: 7.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 03 78	1115			.3		36158	4	100.	40.	270.	0.0	11.6	1.2	0.114	0.062
19 04 78	1300			.3		35010	6	1000.	90.	480.	7.9	11.2	0.6	0.088	0.026
29 05 78	1300			.3		35058	6	200.	20.	10.	26.3	11.0	1.8	0.109	0.064
30 06 78	1250			.3		35105	7				24.9	10.8	1.8	0.065	0.001
18 07 78	1310			.3		35153	7	300.	30.	90.	25.2	15.6	2.6	0.161	0.002
09 08 78	1310			.3		35168	7				22.9	13.5	0.8	0.111	0.045
25 09 78	1015			.3		35208	6	1000.	40.	10.	14.0	14.8	0.2	0.097	0.047
18 10 78	1420			.3		35264	6	3000.	10. L	110.	8.3	11.2	0.2	0.055	0.031
08 11 78	1320			.3		35312	6	56.	4. L	4.	8.9	10.6	1.2	0.059	0.044
19 12 78	1405			.3		35393	4	110.	4. L	16.	0.0	12.5	1.4	0.111	0.068
MAXIMUM								3000.	90.	480.	26.3	15.6	2.6	0.161	0.068
AVG OR GEOM MN (*)								320.*	19.* D	41.*	13.8	12.3	1.2	0.097	0.039
MINIMUM								56.	4.	4.	0.0	10.6	0.2	0.055	0.001
NO OF SAMPLES								8	8	8	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
03 03 78	1115			.3		0.672	1.270	0.078	2.910	3.660	0.598	4.258	469.0	12.0	457
19 04 78	1300			.3		0.154	0.760	0.029	3.120	3.303	0.606	3.909	409.0	33.0	376
29 05 78	1300			.3		0.098	0.690	0.160	1.690	1.948	0.592	2.540	392.0	5.9	384
30 06 78	1250			.3		0.026	0.690	0.063	1.140	1.229	0.664	1.893	343.0	3.9	339
18 07 78	1310			.3		0.006	1.160	0.029	1.470	1.505	1.154	2.659	358.0	26.0	332
09 08 78	1310			.3		0,018	0.55	0.029	2.62	2.667	0.532	3.199	408.	15.	393
25 09 78	1015			.3		0.012	0.51	0.020	3.13	3.162	0.498	3.660	457.	9.8	447
18 10 78	1420			.3		0.004	0.430	0.039	2.160	2.203	0.426	2.629	399.0	2.2	397
08 11 78	1320			.3		0.007	0.460	0.067	3.180	3.254	0.453	3.707	374.0	13.0	361
19 12 78	1405			.3		0.468	0.90	0.072	2.88	3.420	0.432	3.852	528.	14.	514
MAXIMUM						0.672	1.270	0.160	3.180	3.660	1.154	4.258	528.	33.0	514
AVG OR GEOM MN (*)						0.147	0.742	0.059	2.430	2.635	0.596	3.231	413.7	13.5	400
MINIMUM						0.004	0.430	0.020	1.140	1.229	0.426	1.893	343.0	2.2	332
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

(C O N T D)

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: AT SEWELL ROAD NORTH OF FINCH AVENUE
STATION TYPE: RIVER

STATION ID: 06-0097-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02 004 3880

STN NO: 12 LAT: LONG: U T M: 17 0644725.0 4854100.0 4 REGION: 03 MILEAGE: 7.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
03 03 78 1115			.3		765	8.60	37.5
19 04 78 1300			.3		600	23.00	47.0
29 05 78 1300			.3		600	3.10	58.0
30 06 78 1250			.3		530	1.40	65.0
18 07 78 1310			.3		540	21.00	65.0
09 08 78 1310			.3		600	6.2	69.
25 09 78 1015			.3		680	7.3	62.
18 10 78 1420			.3		620	4.60	59.0
08 11 78 1320			.3		650	5.70	64.0
19 12 78 1405			.3		860	11.	110.
MAXIMUM					860	23.00	110.
AVG OR GEOM MN (*)					645	9.19	63.7
MINIMUM					530	1.40	37.5
NO OF SAMPLES					10	10	10

B.O.W./ SITE: LITTLE ROUGE CREEK
SAMPLE POINT: TWIN RIVERS DRIVE SCARBOROUGH
STATION TYPE: RIVER FLOW GAUGE FED 02HC104

STATION ID: 06-0097-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02 004 3880

STN NO: 13 LAT: LONG: U T M: 17 0648225.0 4852600.0 4 REGION: 03 MILEAGE: 2.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
03 03 78 1200			.3		36160	4	60.	4.	36.	0.0	10.8	3.5	0.030	0.002
19 04 78 1325			.3		35012	6	300.	10.	1000.	7.5	11.2	1.0	0.088	0.009
29 05 78 1320			.3		35060	6	70.	10. L	30.	27.0	11.4	2.0	0.012	0.001
30 06 78 1320			.3		35107	6				25.3	11.6	4.6	0.014	0.001L
18 07 78 1330			.3		35155	6	70.	4. L	40.	26.0	7.9	9.0G	0.015	0.002
09 08 78 1330			.3		35170	6	580.	108.	550.	23.4	10.4	1.4	0.024	0.002
25 09 78 0950			.3		35206	6	390.	108.	172.	12.9	13.4	1.0	0.010	0.002
18 10 78 1445			.3		35266	6	200.	4. L	36.	7.9	10.1	0.8	0.011	0.004
08 11 78 1345			.3		35314	6	10. L		22.	6.9	11.5	1.4	0.010	0.001L
19 12 78 1435			.3		35395	4	3400.	24.	16.	0.0	11.4	1.0	0.014	0.005
MAXIMUM							3400.	108.	1000.	27.0	13.4	9.0	0.088	0.009
AVG OR GEOM MN (*)							173.* D	14.* D	72.*	13.7	11.0	2.6U	0.023	0.003D
MINIMUM							10.	4.	16.	0.0	7.9	0.8	0.010	0.001
NO OF SAMPLES							9	8	9	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
03 03 78 1200			.3		0.014	0.370	0.012	1.790	1.816	0.356	2.172	432.0	20.0	412
19 04 78 1325			.3		0.026	0.580	0.012	1.070	1.108	0.554	1.662	439.0	64.0	375
29 05 78 1320			.3		0.008	0.470	0.015	0.905	0.928	0.462	1.390	337.0	2.4	335
30 06 78 1320			.3		0.124	0.610	0.003	0.025	0.152	0.486	0.638	264.0	4.1	
18 07 78 1330			.3		0.192	0.660	0.002	0.008	0.202	0.468	0.670	259.0	5.0	
09 08 78 1330			.3		0.012	0.40	0.002	0.005L	0.019	0.388	0.407	241.	6.9	
25 09 78 0950			.3		0.020	0.40	0.003	0.015	0.038	0.380	0.418	336.	2.3	334
18 10 78 1445			.3		0.019	0.360	0.004	0.265	0.288	0.341	0.629	330.0	1.4	329
08 11 78 1345			.3		0.048	0.370	0.006	0.319	0.373	0.322	0.695	292.0	4.3	288
19 12 78 1435			.3		0.034	0.42	0.008	1.49	1.532	0.386	1.918	436.	28.	408
MAXIMUM					0.192	0.660	0.015	1.790	1.816	0.554	2.172	439.0	64.0	412
AVG OR GEOM MN (*)					0.050	0.464	0.007	0.5890	0.646	0.414	1.060	336.6	13.8	354
MINIMUM					0.008	0.360	0.002	0.005	0.019	0.322	0.407	241.	1.4	288
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L
03 03 78 1200			.3			650	5.30	38.5						
19 04 78 1325			.3			590	38.00	35.5						
29 05 78 1320			.3			520	0.9	35.0						
30 06 78 1320			.3		260	400	2.00	31.5						
18 07 78 1330			.3		254	390	2.80	31.5						
09 08 78 1330			.3		234	360	6.3	25.5						
25 09 78 0950			.3			485	3.2	37.5						
18 10 78 1445			.3			520	3.60	33.5						
08 11 78 1345			.3			530	3.60	31.0						
19 12 78 1435			.3			700	26.	52.						
MAXIMUM					260	700	38.00	52.						
AVG OR GEOM MN (*)					249	515	9.17	35.2						
MINIMUM					234	360	0.9	25.5						
NO OF SAMPLES					3	10	10	10						

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
MAXIMUM											
AVG OR GEOM MN (*)											
MINIMUM											
NO OF SAMPLES											

B.O.W./ SITE: DUFFINS CREEK
SAMPLE POINT: BASELINE ROAD, 1 MILE WEST OF AJAX
STATION TYPE: RIVER FLOW GAUGE FED 02HC006

STATION ID: 06-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 1 LAT: LONG: U T M: 17 0657550.0 4855625.0 4 REGION: 03 MILEAGE: 1.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 02 78 1030			.3		36144	4	700.	4.	72.	1.0	9.6	0.2	0.130	0.082
02 03 78 1245			.3		36152	4								
19 04 78 1000			.3		35001	6	32000.	2200.	1100.	5.6	12.4	1.0	0.310	0.045
29 05 78 1005			.3		35049	6	15000.	600.	200.	20.1	8.8	1.4	0.088	0.048
30 06 78 1025			.3		35096	6				20.1	10.0	1.0	0.088	0.043
18 07 78 1030			.3		35144	6	800.	60.	200.	19.3	11.4	0.6	0.078	0.028
09 08 78 1030			.3		35159	6	100.	28.	300.	21.9	11.0	0.6	0.078	0.033
25 09 78 1330			.3		35218	6	430.	28.	20.	14.0	14.0	0.6	0.049	0.009
18 10 78 1125			.3		35254	6	1100.	156.	52.	5.8	11.3	0.2	0.071	0.057
08 11 78 1000			.3		35302	6	2500.	96.	36.	3.8	11.9	1.2	0.055	0.035
19 12 78 1100			.3		35383	4	5100.	700.	190.	0.0	10.7	0.4	0.065	0.044
MAXIMUM							32000.	2200.	1100.	21.9	14.0	1.4	0.310	0.082
AVG OR GEOM MN (*)							1760.*	111.*	124.*	11.2	11.1	0.7	0.101	0.042
MINIMUM							100.	4.	20.	0.0	8.8	0.2	0.049	0.009
NO OF SAMPLES							9	9	9	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 02 78 1030			.3		0.362	0.740	0.010	0.975	1.347	0.378	1.725	344.0	26.0	318
19 04 78 1000			.3		0.128	0.850	0.016	2.310	2.454	0.722	3.176	620.0	318.0	302
29 05 78 1005			.3		0.254	0.630	0.016	0.335	0.605	0.376	0.981	305.0	18.0	287
30 06 78 1025			.3		0.140	0.510	0.048	0.290	0.478	0.370	0.848	283.0	17.0	
18 07 78 1030			.3		0.080	0.420	0.010	0.169	0.259	0.340	0.599	258.0	21.0	
09 08 78 1030			.3		0.112	0.41	0.011	0.239	0.362	0.298	0.660	280.	26.	
25 09 78 1330			.3		0.014	0.57	0.014	1.59	1.618	0.556	2.174	436.	20.	416
18 10 78 1125			.3		0.013	0.280	0.022	0.880	0.915	0.267	1.182	301.0	3.5	297
08 11 78 1000			.3		0.093	0.390	0.012	0.803	0.908	0.297	1.205	279.0	4.8	274
19 12 78 1100			.3		0.136	0.52	0.027	1.38	1.543	0.384	1.927	382.	8.	374
MAXIMUM					0.362	0.850	0.048	2.310	2.454	0.722	3.176	620.0	318.0	416
AVG OR GEOM MN (*)					0.133	0.532	0.019	0.897	1.049	0.399	1.448	348.8	46.2	324
MINIMUM					0.013	0.280	0.010	0.169	0.259	0.267	0.599	258.0	3.5	274
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
24 02 78 1030			.3			540	16.00	17.5	35.0	5.00	7.96	1.800	1.0L	6.0
02 03 78 1245			.3											6.0
19 04 78 1000			.3			475	160.00	20.5						6.0
29 05 78 1005			.3			455	2.80	18.5	30.0	2.25	8.24	0.210	1.0L	3.4
30 06 78 1025			.3		266	410	6.00	12.5	29.0	4.95	8.19	0.390	1.0L	2.8
18 07 78 1030			.3		237	365	13.00	11.5	27.5	5.40	8.10	0.600	1.0L	3.8
09 08 78 1030			.3		254	390	13.	12.0	28.5	5.2	8.14	1.08	1. L	3.0
25 09 78 1330			.3			630	12.	60.	54.	2.45	8.13	0.60	2.	4.6
18 10 78 1125			.3			455	6.20	15.0	33.5	4.80	8.04	0.170	1.0	3.1
08 11 78 1000			.3			455	3.40	17.0	34.0	4.85	7.93	0.220	1.0L	3.1
19 12 78 1100			.3			620	1.6	32.	50.	5.3	7.95	0.40	1. L	3.0
MAXIMUM					266	630	160.00	60.	54.	5.40	8.24	1.800	2.	6.0
AVG OR GEOM MN (*)					252	480	23.40	21.7	35.7	4.47	8.08	0.608	1.1D	4.1
MINIMUM					237	365	1.6	11.5	27.5	2.25	7.93	0.170	1.0	2.8
NO OF SAMPLES					3	10	10	10	9	9	9	9	9	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
24 02 78 1030			.3		30									
02 03 78 1245			.3		30									
19 04 78 1000			.3		30									
29 05 78 1005			.3		10L	1	0.001L	0.080	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
30 06 78 1025			.3		22	16	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
18 07 78 1030			.3		17									
09 08 78 1030			.3		15		0.001	0.540	0.020L	0.010L	0.030L	0.005L	0.020	0.020L
25 09 78 1330			.3		23	1	0.001	0.14	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
18 10 78 1125			.3		23									
08 11 78 1000			.3		7	1	0.001L		0.020L	0.020	0.030L	0.005L	0.010	0.020L
19 12 78 1100			.3		44									
MAXIMUM					44	16	0.001	0.540	0.020	0.020	0.030	0.005	0.020	0.020
AVG OR GEOM MN (*)					23D	5	0.001D	0.198D	0.020D	0.012D	0.030D	0.005D	0.012D	0.020D
MINIMUM					7	1	0.001	0.030	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					11	4	5	4	5	5	5	5	5	5

STATION ID: 06-0104-003-02

B.O.W./ SITE: DUFFINS CREEK
SAMPLE POINT: DOWNSTREAM FROM AJAX SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 3 LAT: LONG: U T M: 17 0657600.0 4854750.0 4 REGION: 03 MILEAGE: 1.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 03 78 1325			.3		36153	4	2800.	10.	910.	1.0	10.8	0.6	0.378	0.370
29 05 78 0940			.3		35048	6	18000E+1	3400.	320.	19.9	8.8	3.8	0.480	0.165
30 06 78 1005			.3		35095	6 9 0				20.5	12.0	3.4	0.255	0.135
18 07 78 1015			.3		35143	6 9	800.	24.	10. L	19.5	9.0	2.0	0.560	0.525
09 08 78 1015			.3		35158	6	55000.	580.	350.	21.1	10.1	6.4	1.12	0.330
08 11 78 0935			.3		35301	6	17000E+1	17000.	1500. G	5.1	11.8	1.8	0.151	0.110
19 12 78 1020			.3		35382	6	20000.	4000.	1000.	2.5	9.8	4.0	0.230	0.054
MAXIMUM							18000E+1	17000.	1500.	21.1	12.0	6.4	1.12	0.525
AVG OR GEOM MN (*)							20554.*	564.*	339.* E	12.8	10.3	3.1	0.453	0.241
MINIMUM							800.	10.	10.	1.0	8.8	0.6	0.151	0.054
NO OF SAMPLES							6	6	6	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 03 78 1325			.3		1.870	2.600	0.375	11.200	13.445	0.730	14.175	466.0	22.0	444
29 05 78 0940			.3		0.420	2.800	0.350	2.600	3.370	2.380	5.750	442.0	25.0	417
30 06 78 1005			.3		1.190	1.900	0.300	18.100	19.590	0.710	20.300	486.0	17.0	469
18 07 78 1015			.3		3.130	4.200	0.130	0.210	3.470	1.070	4.540	298.0	21.0	277
09 08 78 1015			.3		1.40	2.75	0.445	16.9	18.745	1.350	20.095	906.	481.	425
08 11 78 0935			.3		1.560	1.820	0.330	10.700	12.590	0.260	12.850	395.0	6.6	388
19 12 78 1020			.3		2.28	2.58	29.8	31.0	63.080	0.300	63.380	693.	17.	676
MAXIMUM					3.130	4.200	29.8	31.0	63.080	2.380	63.380	906.	481.	676
AVG OR GEOM MN (*)					1.693	2.664	4.533	12.959	19.184	0.971	20.156	526.6	84.2	442
MINIMUM					0.420	1.820	0.130	0.210	3.370	0.260	4.540	298.0	6.6	277
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
02 03 78 1325			.3		720	16.00	35.5
29 05 78 0940			.3		675	7.00	37.5
30 06 78 1005			.3		640	7.00	27.5
18 07 78 1015			.3		450	13.00	27.0
09 08 78 1015			.3		650	80.	37.0
08 11 78 0935			.3		670	4.50	29.5
19 12 78 1020			.3		1035	8.7	75.
MAXIMUM					1035	80.	75.
AVG OR GEOM MN (*)					691	19.46	38.4
MINIMUM					450	4.50	27.0
NO OF SAMPLES					7	7	7

STATION ID: 06-0104-005-02

B.O.W./ SITE: DUFFINS CREEK
SAMPLE POINT: HIGHWAY 2, PICKERING
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 5 LAT: LONG: U T M: 17 0655740.0 4857200.0 4 REGION: 03 MILEAGE: 3.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 03 78 1235			.3		36151	4	44.	12.	12.	0.0	9.6	0.2	0.021	0.003
19 04 78 1010			.3		35002	6	1200.	250.	100.	6.1	11.2	0.6	0.340	0.029
29 05 78 1020			.3		35050	6	400.	60.	20.	20.9	9.0	1.2	0.028	0.002
30 06 78 1040			.3		35097	6				19.2	12.8	0.6	0.061	0.001
18 07 78 1045			.3		35145	6	900.	270.	150.	19.5	11.8	0.2	0.082	0.001
09 08 78 1045			.3		35160	6	300.	30.	240.	21.1	11.4	0.4	0.110	0.065
25 09 78 1230			.3		35216	6	470.	10. L	40.	13.1	14.7	0.2	0.013	0.002
18 10 78 1135			.3		35255	6	170.	4. L	4	5.9	10.6	0.2	0.012	0.003
08 11 78 1020			.3		35303	6	170.	2.	6.	3.9	11.5	0.8	0.021	0.001
19 12 78 1120			.3		35384	4				0.0	10.9	0.4	0.019	0.004
MAXIMUM							1200.	270.	240.	21.1	14.7	1.2	0.340	0.065
AVG OR GEOM MN (*)							306.*	24.* D	31.*	11.0	11.4	0.5	0.071	0.011
MINIMUM							44.	2.	4.	0.0	9.0	0.2	0.012	0.001
NO OF SAMPLES							8	8	8	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 03 78 1235			.3		0.028	0.220	0.013	1.300	1.341	0.192	1.533	333.0	17.0	316
19 04 78 1010			.3		0.040	0.900	0.014	1.030	1.084	0.860	1.944	692.0	405.0	287
29 05 78 1020			.3		0.040	0.380	0.010	0.390	0.440	0.340	0.780	294.0	13.0	281
30 06 78 1040			.3		0.024	0.430	0.010	0.335	0.369	0.406	0.775	287.0	21.0	
18 07 78 1045			.3		0.012	0.330	0.005	0.179	0.196	0.318	0.514	263.0	23.0	
09 08 78 1045			.3		0.008	0.30	0.006	0.319	0.333	0.292	0.625	374.	24.	
25 09 78 1230			.3		0.006	0.24	0.005	0.465	0.476	0.234	0.710	582.	2.9	279
18 10 78 1135			.3		0.006	0.300	0.005	0.725	0.736	0.294	1.030	292.0	2.8	289
08 11 78 1020			.3		0.005	0.290	0.005	0.755	0.765	0.285	1.050	286.0	19.0	267
19 12 78 1120			.3		0.028	0.38	0.011	1.54	1.579	0.352	1.931	366.	7.	359
MAXIMUM					0.040	0.900	0.014	1.54	1.579	0.860	1.944	692.0	405.0	359
AVG OR GEOM MN (*)					0.020	0.377	0.008	0.704	0.732	0.357	1.089	376.9	53.5	297
MINIMUM					0.005	0.220	0.005	0.179	0.196	0.192	0.514	263.0	2.8	267
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	7

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
02 03 78	1235			.3			525	4.10	11.0	0.180
19 04 78	1010			.3			455	180.00	15.0	0.180
29 05 78	1020			.3			440	1.80	14.5	0.180
30 06 78	1040			.3		266	410	8.20	11.0	0.180
18 07 78	1045			.3		240	370	14.00	10.0	0.180
09 08 78	1045			.3		250	385	11.	0.1	0.180
25 09 78	1230			.3			440	3.1	13.0	0.180
18 10 78	1135			.3			450	3.70	13.0	0.180
08 11 78	1020			.3			465	5.00	13.5	0.180
19 12 78	1120			.3			595	7.8	23.	0.180
MAXIMUM						266	595	180.00	23.	0.180
AVG OR GEOM MN (*)						252	454	23.87	12.4	0.180
MINIMUM						240	370	1.80	0.1	0.180
NO OF SAMPLES						3	10	10	10	10

B.O.W./ SITE: STOUFFVILLE CREEK
SAMPLE POINT: DOWNSTREAM FROM STOUFFVILLE STP.
STATION TYPE: RIVER FLOW GAUGE FED 02HC035

STATION ID: 06-0104-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 11 LAT: LONG: U T M: 17 0641000.0 4869475.0 4 REGION: 03 MILEAGE: 17.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
02 03 78	1010			.3		36148	4	4.10	1700.	100.	200.	0.0	11.2	7.0	0.375
19 04 78	1110			.3		35005	6	17.10	23000E+1	13000.	1500. G	5.9	11.6	3.5	0.306
29 05 78	1135			.3		35053	6	4.50	11000.	68.	300.	21.5	9.8	2.2	0.304
30 06 78	1155			.3		35101	6	2.10				19.2	10.6	1.2	0.270
18 07 78	1145			.3		35148	6 8	2.60	1400.	370.	100. L	21.0	15.8	0.4	0.380
09 08 78	1145			.3		35163	6	5.70	24000.	4400.	6200.	19.9	10.4	2.5	0.500
25 09 78	1110			.3		35212	6	3.70	25000.	100. L	100. L	14.0	14.2	1.0	0.181
18 10 78	1305			.3		35260	6	3.90	3000.	690.	40.	10.0	11.2	0.4	0.190
08 11 78	1150			.3		35308	6	3.50	5900.	30.	40.	8.9	12.1	1.2	0.165
19 12 78	1235			.3		35389	4	3.90	9400.	20.	200.	0.0	11.6	5.0	0.479
MAXIMUM								17.10	23000E+1	13000.	6200.	21.5	15.8	7.0	0.500
AVG OR GEOM MN (*)								5.11	9450.*	263.* D	230.* E	12.0	11.9	2.4	0.315
MINIMUM								2.10	1400.	20.	40.	0.0	9.8	0.4	0.165
NO OF SAMPLES								10	9	9	9	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
02 03 78	1010			.3		0.132	2.240	6.650	5.150	0.005L	7.395	4.410	11.805	491.0	27.0
19 04 78	1110			.3		0.128	0.705	1.940	0.036	1.910	2.651	1.235	3.886	365.0	42.0
29 05 78	1135			.3		0.210	0.108	0.960	0.180	1.770	2.058	0.852	2.910	449.0	10.0
30 06 78	1155			.3		0.240	0.034	0.620	0.135	6.110	6.279	0.586	6.865	461.0	6.9
18 07 78	1145			.3		0.360	0.060	0.670	0.275	5.970	6.305	0.610	6.915	440.0	5.0
09 08 78	1145			.3		0.230	0.060	0.92	0.625	5.67	6.355	0.860	7.215	478.	40.
25 09 78	1110			.3			0.040	0.59	0.082	1.10	1.222	0.550	1.772	436.	7.3
18 10 78	1305			.3		0.179	0.008	0.530	0.067	5.640	5.715	0.522	6.237	433.0	3.3
08 11 78	1150			.3		0.130	0.007	0.590	0.015	5.780	5.802	0.583	6.385	388.0	10.0
19 12 78	1235			.3		0.085	0.208	1.61	0.072	6.68	6.960	1.402	8.362	506.	65.
MAXIMUM						0.360	2.240	6.650	5.150	6.68	7.395	4.410	11.805	506.	65.
AVG OR GEOM MN (*)						0.188	0.347	1.508	0.664	4.064D	5.074	1.161	6.235	444.7	21.7
MINIMUM						0.085	0.007	0.530	0.015	0.005	1.222	0.522	1.772	365.0	3.3
NO OF SAMPLES						9	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
02 03 78	1010			.3		464	785	16.00	68.0
19 04 78	1110			.3		323	540	21.00	38.5
29 05 78	1135			.3		439	660	2.40	57.0
30 06 78	1155			.3		454	690	2.10	51.0
18 07 78	1145			.3		435	640	2.00	48.0
09 08 78	1145			.3		438	650	11.	59.
25 09 78	1110			.3		429	640	2.8	51.
18 10 78	1305			.3		430	640	2.60	42.0
08 11 78	1150			.3		378	650	3.50	49.0
19 12 78	1235			.3		441	710	3.1	66.
MAXIMUM						464	785	21.00	68.0
AVG OR GEOM MN (*)						423	661	6.65	53.0
MINIMUM						323	540	2.00	38.5
NO OF SAMPLES						10	10	10	10

STATION ID: 06-0104-012-02

B.O.W./ SITE: STOUFFVILLE CREEK
SAMPLE POINT: FIRST ROAD NORTH OF STOUFFVILLE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 12 LAT: LONG: U T M: 17 0640000.0 4871900.0 4 REGION: 03 MILEAGE: 21.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 03 78 0950			.3		36147	6	10. L	10. L	10. L	1.8	11.6	0.2	0.021	0.001
19 04 78 1135			.3		35006	6	110.	8.	8.	5.9	10.8	0.2	0.052	0.007
29 05 78 1145			.3		35054	8	210.	12.	16.	20.5	10.0	1.4	0.272	0.017
30 06 78 1145			.3		35100	6				14.9	12.4	0.6	0.098	0.005
18 07 78 1210			.3		35149	7	100.	4. L	20.	18.0	10.6	0.2	0.077	0.003
09 08 78 1200			.3		35164	8				15.2	11.5	1.0	0.026	0.005
25 09 78 1125			.3		35213	8	900.	10. L	130.	12.1	13.2	0.2	0.118	0.007
18 10 78 1250			.3		35259	6	100.	4. L	8.	8.1	9.4	0.4	0.010	0.004
08 11 78 1135			.3		35307	6	160.	4.	28.	7.0	10.4	0.2	0.022	0.002
19 12 78 1215			.3		35388	6	100.	10. L	10. L	1.1	10.8	0.4	0.061	0.004
MAXIMUM							900.	12.	130.	20.5	13.2	1.4	0.272	0.017
AVG OR GEOM MN (*)							116.* D	7.* D	17.* D	10.5	11.1	0.5	0.076	0.006
MINIMUM							10.	4.	8.	1.1	9.4	0.2	0.010	0.001
NO OF SAMPLES							8	8	8	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 03 78 0950			.3		0.020	0.350	0.010	0.305	0.335	0.330	0.665	317.0	7.5	309
19 04 78 1135			.3		0.020	0.480	0.005	0.705	0.730	0.460	1.190	312.0	37.0	
29 05 78 1145			.3		0.018	0.620	0.007	0.010	0.035	0.602	0.637	440.0	135.0	305
30 06 78 1145			.3		0.008	0.360	0.003	0.020	0.031	0.352	0.383	381.0	99.0	282
18 07 78 1210			.3		0.002	0.220	0.002	0.008	0.012	0.218	0.230	320.0	44.0	
09 08 78 1200			.3		0.002	0.15	0.002	0.048	0.052	0.148	0.200	308.	14.	294
25 09 78 1125			.3		0.006	0.42	0.002	0.060	0.068	0.414	0.482	345.	40.	305
18 10 78 1250			.3		0.004	0.240	0.002	0.040	0.046	0.236	0.282	306.0	1.7	304
08 11 78 1135			.3		0.002	0.240	0.002	0.048	0.052	0.238	0.290	278.0	4.3	274
19 12 78 1215			.3		0.016	0.32	0.002	0.213	0.231	0.304	0.535	330.	42.	288
MAXIMUM					0.020	0.620	0.010	0.705	0.730	0.602	1.190	440.0	135.0	309
AVG OR GEOM MN (*)					0.010	0.340	0.004	0.146	0.159	0.330	0.489	333.7	42.5	295
MINIMUM					0.002	0.15	0.002	0.008	0.012	0.148	0.200	278.0	1.7	274
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	235 TOTAL MERCURY UG/L
02 03 78 0950			.3			502	4.70	9.1	0.860
19 04 78 1135			.3		275	425	12.00	13.0	0.860
29 05 78 1145			.3			470	42.00	14.5	0.860
30 06 78 1145			.3			440	13.00	5.7	0.860
18 07 78 1210			.3		276	425	14.00	3.3	0.860
09 08 78 1200			.3			430	7.9	5.6	0.860
25 09 78 1125			.3			460	9.4	7.3	0.860
18 10 78 1250			.3			460	1.90	7.7	0.860
08 11 78 1135			.3			480	2.00	7.5	0.860
19 12 78 1215			.3			490	14.	7.9	0.860
MAXIMUM					276	502	42.00	14.5	0.860
AVG OR GEOM MN (*)					276	458	12.09	8.2	0.860
MINIMUM					275	425	1.90	3.3	0.860
NO OF SAMPLES					2	10	10	10	10

STATION ID: 06-0104-022-02

B.O.W./ SITE: GANATESKIAGON CREEK
SAMPLE POINT: AT CONCESSION 4
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 22 LAT: LONG: U T M: 17 0652700.0 4860325.0 4 REGION: 03 MILEAGE: 6.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 03 78 1150			.3		36149	6	36.	4.	4. L	1.8	11.2	0.2	0.018	0.003
19 04 78 1040			.3		35004	6	560.	270.	1500. G	5.5	14.0	0.4		0.006
29 05 78 1100			.3		35052	6	600.	20.	10.	16.2	10.2	0.5	0.012	0.003
30 06 78 1105			.3		35099	6				15.0	12.8	0.5	0.020	0.006
18 07 78 1130			.3		35147	6	10.	4. L	30.	16.1	11.8	0.2		0.009
09 08 78 1120			.3		35162	6	90.	4.	170.	16.9	11.4	0.2	0.046	0.039
25 09 78 1200			.3		35214	6	1600.	30.	110.	12.2	13.1	0.2	0.054	0.019
18 10 78 1220			.3		35258	6	200.	4. L	4.	7.0	9.8	0.6	0.013	0.008
08 11 78 1110			.3		35306	6	70.	2. L	6.	5.9	10.8	0.4	0.014	0.008
19 12 78 1200			.3		35387	6	200.	42.	38.	0.5	11.2	0.4	0.479	0.085
MAXIMUM							1600.	270.	1500.	16.9	14.0	0.6	0.479	0.085
AVG OR GEOM MN (*)							154.*	11.* D	32.* E	9.7	11.6	0.4	0.082	0.019
MINIMUM							10.	2.	4.	0.5	9.8	0.2	0.012	0.003
NO OF SAMPLES							9	9	9	10	10	10	8	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 03 78	1150			.3		0.254			0.925				313.0	9.3	304
19 04 78	1040			.3									338.0	56.0	282
29 05 78	1100			.3		0.018	0.240	0.008	0.620	0.646	0.222	0.868	302.0	2.5	300
30 06 78	1105			.3		0.028	0.220	0.014	0.135	0.177	0.192	0.369	289.0	2.5	287
18 07 78	1130			.3		0.026	0.020		0.783		0.006		295.0	2.6	292
09 08 78	1120			.3		0.030	0.22	0.013	0.817	0.860	0.190	1.050	283.	4.2	279
25 09 78	1200			.3		0.030	0.26	0.015	0.880	0.925	0.230	1.155	321.	15.	306
18 10 78	1220			.3		0.013	0.200	0.008	0.860	0.881	0.187	1.068	299.0	1.1	298
08 11 78	1110			.3		0.021	0.170	0.010	0.905	0.936	0.149	1.085	265.0	0.7	264
19 12 78	1200			.3		0.208	1.61	0.072	6.68	6.960	1.402	8.362	304.	0.9	303
MAXIMUM						0.254	1.61	0.072	6.68	6.960	1.402	8.362	338.0	56.0	306
AVG OR GEOM MN (*)						0.070	0.368	0.020	1.401	1.626	0.322	1.994	300.9	9.5	292
MINIMUM						0.013	0.020	0.008	0.135	0.177	0.006	0.369	265.0	0.7	264
NO OF SAMPLES						9	8	7	9	7	8	7	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
02 03 78	1150			.3		494	4.30	8.8
19 04 78	1040			.3		455	15.00	11.0
29 05 78	1100			.3		455	0.70	8.5
30 06 78	1105			.3		545	1.40	8.9
18 07 78	1130			.3		440	0.80	8.8
09 08 78	1120			.3		440	2.5	8.4
25 09 78	1200			.3		465	3.3	9.3
18 10 78	1220			.3		460	1.40	9.3
08 11 78	1110			.3		475	1.00	9.3
19 12 78	1200			.3		500	2.6	10.5
MAXIMUM						545	15.00	11.0
AVG OR GEOM MN (*)						473	3.30	9.3
MINIMUM						440	0.70	8.4
NO OF SAMPLES						10	10	10

B.O.W./ SITE: GANATESKIAGON
SAMPLE POINT: ON BROCK ROAD SOUTH OF CONCESSION 8
STATION TYPE: RIVER

STATION ID: 06-0104-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO: 24 LAT: LONG: U T M: 17 0654245.0 4858200.0 4 REGION: 03 MILEAGE: 5.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 03 78	1130			.3		36150	4	1100.	100.	200.	0.0	11.6	0.4	0.060	0.002
19 04 78	1030			.3		35003	6	2100.	100.	580.	5.7	12.4	0.4	0.135	0.012
29 05 78	1045			.3		35051	6	1000.	60.	140.	18.8	9.6	0.6	0.008	0.001
30 06 78	1055			.3		35098	6				18.8	10.8	0.4	0.010	0.001
18 07 78	1100			.3		35146	6	10. L	4. L	60.	18.8	12.4	0.2	0.011	0.005
09 08 78	1100			.3		35161	6	1000.	156.	860.	20.0	11.9	0.2	0.039	0.004
25 09 78	1215			.3		35215	6	1700.	44.	50.	12.5	15.4	0.2	0.007	0.007
18 10 78	1150			.3		35256	6	10. L	4. L	12.	5.8	10.6	0.2	0.007	0.003
08 11 78	1035			.3		35304	6	80.	6.	58.	3.9	12.2	0.6	0.010	0.003
19 12 78	1135			.3		35385	4	110.	18.	34.	0.0	11.1	0.4	0.027	0.003
MAXIMUM								2100.	156.	860.	20.0	15.4	0.6	0.135	0.012
AVG OR GEOM MN (*)								247.* D	27.* D	100.*	10.4	11.8	0.4	0.031	0.004
MINIMUM								10.	4.	12.	0.0	9.6	0.2	0.007	0.001
NO OF SAMPLES								9	9	9	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 03 78	1130			.3		0.254	0.600	0.027	1.450	1.731	0.346	2.077	367.0	28.0	339
19 04 78	1030			.3		0.042	0.750	0.007	2.840	2.889	0.708	3.597	424.0	113.0	311
29 05 78	1045			.3		0.020	0.250	0.006	0.745	0.771	0.230	1.001	301.0	3.9	297
30 06 78	1055			.3		0.012	0.240	0.007	0.735	0.754	0.228	0.982	278.0	2.5	
18 07 78	1100			.3		0.012	0.220	0.005	0.718	0.735	0.208	0.943	276.0	6.0	
09 08 78	1100			.3		0.010	0.27	0.005	0.735	0.750	0.260	1.010	328.	35.	
25 09 78	1215			.3		0.006	0.19	0.005	0.735	0.746	0.184	0.930	293.	4.0	289
18 10 78	1150			.3		0.004	0.200	0.004	0.810	0.818	0.196	1.014	305.0	1.3	304
08 11 78	1035			.3		0.005	0.190	0.004	0.831	0.840	0.185	1.025	278.0	5.2	273
19 12 78	1135			.3		0.018	0.23	0.010	1.04	1.068	0.212	1.280	350.	4.	346
MAXIMUM						0.254	0.750	0.027	2.840	2.889	0.708	3.597	424.0	113.0	346
AVG OR GEOM MN (*)						0.038	0.314	0.008	1.064	1.110	0.276	1.386	320.0	20.3	308
MINIMUM						0.004	0.19	0.004	0.718	0.735	0.184	0.930	276.0	1.3	273
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	7

(C O N T D)

```
  B.O.W./ SITE: GANATESKIAGON                                                                  STATION ID:  06-0104-024-02
 SAMPLE POINT: ON BROCK ROAD SOUTH OF CONCESSION 8
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                     004
                                                          TERM STREAM: DUFFINS CREEK                                    3770

STN NO:     24     LAT:               LONG:                U T M: 17 0654245.0 4858200.0 4    REGION: 03            MILEAGE:     5.10

                                      107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL     COND.     TURB.    CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS     25C  FORMAZIN      MG/L
               FEET       MTRS    MG/L       UMHOS     UNITS

02 03 78 1130              .3                  570     18.00      24.0
19 04 78 1030              .3                  475     38.00      17.0
29 05 78 1045              .3                  465      1.10      11.5
30 06 78 1055              .3          276     425      1.80      10.0
18 07 78 1100              .3          270     415      1.70       9.3
09 08 78 1100              .3          273     420     10.         8.8
25 09 78 1215              .3                  445      2.7       10.5
18 10 78 1150              .3                  460      2.80      10.5
08 11 78 1035              .3                  475      1.90      10.3
19 12 78 1135              .3                  580      5.0       17.

                      MAXIMUM          276     580     38.00      24.0
            AVG OR GEOM MN (*)         273     473      8.30      12.9
                      MINIMUM          270     415      1.10       8.8

                NO OF SAMPLES            3      10        10        10


  B.O.W./ SITE: URFE CREEK                                                                     STATION ID:  06-0104-026-02
 SAMPLE POINT: AT CONCESSION 3 EAST OF BROCK ROAD
 STATION TYPE: RIVER    FLOW GAUGE MOE 02HC116            MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                     004
                                                          TERM STREAM: DUFFINS CREEK                                    3770

STN NO:     26     LAT:               LONG:                U T M: 17 0654700.0 4858975.0 4    REGION: 03            MILEAGE:     5.10

                                   934      901       444       80        81        84       805        3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE       SCD FLOW CFS    TOTAL     FECAL      M.F.    WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH        NO                     COLIFORM  COLIFORM    ENTER.    TEMP.        02       BOD         P
               FEET       MTRS                              MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L

18 10 78 1205              .3      35257    6         0.6     200.       70.       30.       5.1      10.4       0.5     0.034
08 11 78 1050              .3      35305    6         1.2      90.        4.  L    28.       3.3      12.4       0.2     0.022
19 12 78 1145              .3      35386    4                  80.        4.       28.       0.0      11.4       0.4     0.048

                      MAXIMUM                         1.2     200.       70.       30.       5.1      12.4       0.5     0.048
            AVG OR GEOM MN (*)                        0.9     113.*      10.* D    29.*      2.8      11.4       0.4     0.035
                      MINIMUM                         0.6      80.        4.       28.       0.0      10.4       0.2     0.022

                NO OF SAMPLES                           2        3         3         3         3         3         3         3

                                    34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N             SOLIDS    SOLIDS
               FEET       MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

18 10 78 1205              .3      0.009     0.004     0.520     0.003     0.130     0.137     0.516     0.653     406.        2.3



08 11 78 1050              .3      0.005     0.005     0.440     0.003     0.207     0.215     0.435     0.650     372.0       2.0
19 12 78 1145              .3      0.027     0.258     0.80      0.017     0.898     1.173     0.542     1.715     475.        2.

                      MAXIMUM      0.027     0.258     0.80      0.017     0.898     1.173     0.542     1.715     475.        2.3
            AVG OR GEOM MN (*)     0.014     0.089     0.587     0.008     0.412     0.508     0.498     1.006     417.7       2.1
                      MINIMUM      0.005     0.004     0.440     0.003     0.130     0.137     0.435     0.650     372.0       2.0

                NO OF SAMPLES          3         3         3         3         3         3         3         3         3         3
                                     7        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ   DISS.     COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS      MG/L     UMHOS     UNITS

18 10 78 1205              .3        404       620     4.3       33.5
08 11 78 1050              .3        370       630     2.00      32.0
19 12 78 1145              .3        473       770     3.2       48.

                      MAXIMUM        473       770     4.3       48.
            AVG OR GEOM MN (*)       416       673     3.17      37.8
                      MINIMUM        370       620     2.00      32.0

                NO OF SAMPLES          3         3         3         3


  B.O.W./ SITE: CARRUTHERS CREEK                                                               STATION ID:  06-0107-001-02
 SAMPLE POINT: FIRST ROAD EAST OF AJAX TOWN LINE
 STATION TYPE: RIVER    FLOW GAUGE MOE 02HC100            MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                     004
                                                          TERM STREAM: CARRUTHERS CREEK                                 3730

STN NO:      1     LAT:               LONG:                U T M: 17 0661450.0 4854900.0 4    REGION: 03            MILEAGE:     0.50

                                   934      901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE       SCD     TOTAL     FECAL      M.F.    WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH        NO             COLIFORM  COLIFORM    ENTER.    TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                      MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L    P MG/L

09 01 78 0950              .3      36000    6         105.      352.      444.       0.0       6.0       0.8     0.028     0.010
20 02 78 1200              .3      36090              360.      150.       14.                           0.2     0.044     0.012
17 04 78 1215              .3      36206    6          40.        4.        4.       7.5      10.5       0.2     0.071     0.008
15 05 78 1130              .3      36273    6       14400.      400.       60.       9.0       9.2       0.6     0.220     0.035
19 06 78 1040              .3      36335    5 8       800.       44.       16.      18.0      10.6       1.4     0.022     0.002
17 07 78 1030              .3      36397    5 8      2200.     1380.       80.      27.5       8.9       2.4     0.070     0.001
01 09 78 1345              .3      36513    5 7 9    2100.     1070.     1380.      19.0      11.6       1.0     0.025     0.002
25 09 78 1130              .3      36531    5 7 9     510.       50.       40.      14.0      11.5       0.5     0.026     0.003
27 10 78 1230              .3      36636    6         340.       12.       52.       7.0      11.7       1.0     0.028     0.002
29 11 78 0945              .3      36683    6         990.       16.       96.       1.2       8.6       0.4     0.042     0.002
11 12 78 1015              .3      36702    4         250.       40.       68.       0.0       7.6       0.4     0.028     0.004

                      MAXIMUM                       14400.     1380.     1380.      27.5      11.7       2.4     0.220     0.035
            AVG OR GEOM MN (*)                        597.*      87.*      60.*     10.3       9.6       0.8     0.055     0.007
                      MINIMUM                          40.        4.        4.       0.0       6.0       0.2     0.022     0.001

                NO OF SAMPLES                           11        11        11        10        10        11        11        11
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 0950			.3		0.100	0.310	0.010	1.640	1.750	0.210	1.960	307.0	17.0	290
20 02 78 1200			.3		0.144	0.460	0.011	2.000	2.155	0.316	2.471	470.0	34.0	436
17 04 78 1215			.3		0.030	0.440	0.008	1.240	1.278	0.410	1.688	402.0	18.0	384
15 05 78 1130			.3		0.022	1.000	0.019	1.260	1.301	0.978	2.279	430.0	115.0	315
19 06 78 1040			.3		0.032	0.570	0.007	0.045	0.084	0.538	0.622	299.0	6.2	293
17 07 78 1030			.3		0.130	1.600	0.003	0.007	0.140	1.470	1.610	473.0	24.0	449
01 09 78 1345			.3		0.012	0.470	0.002	0.010	0.024	0.458	0.482	364.0	10.0	354
25 09 78 1130			.3		0.006	0.470	0.002	0.020	0.028	0.464	0.492	390.0	5.6	384
27 10 78 1230			.3		0.002	0.410	0.003	0.005	0.010	0.408	0.418	394.0	4.4	390
29 11 78 0945			.3		0.024	0.660	0.007	0.943	0.974	0.636	1.610	514.0	19.0	495
11 12 78 1015			.3		0.022	0.500	0.006	0.964	0.992	0.478	1.470	403.0	1.0	492
MAXIMUM					0.144	1.600	0.019	2.000	2.155	1.470	2.471	514.0	115.0	495
AVG OR GEOM MN (*)					0.048	0.626	0.007	0.739	0.794	0.579	1.373	412.4	23.1	389
MINIMUM					0.002	0.310	0.002	0.005	0.010	0.210	0.418	299.0	1.0	290
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 0950			.3		491	17.00	26.0
20 02 78 1200			.3		685	17.00	27.5
17 04 78 1215			.3		600	8.40	28.0
15 05 78 1130			.3		475	51.00	17.5
19 06 78 1040			.3		455	3.10	33.5
17 07 78 1030			.3		570	10.00	108.0
01 09 78 1345			.3		510	4.50	39.5
25 09 78 1130			.3		560	5.80	42.0
27 10 78 1230			.3		590	5.60	28.5
29 11 78 0945			.3		760	15.0	48.0
11 12 78 1015			.3		780	8.50	49.0
MAXIMUM					780	51.00	108.0
AVG OR GEOM MN (*)					589	13.26	40.7
MINIMUM					455	3.10	17.5
NO OF SAMPLES					11	11	11

B.O.W./ SITE: LYNDE CREEK
SAMPLE POINT: AT BASELINE ROAD WHITBY TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02HC018

STATION ID: 06-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LYNDE CREEK

STORET CODE: 02
004
3710

STN NO: 1 LAT: LONG: U T M: 17 0663850.0 4857775.0 4 REGION: 03 MILEAGE: 0.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 1015			.3		36001	4	115.00	5100.	1300.	530.	0.0	7.0	1.0	0.053
20 02 78 1200			.3		36091		3.70	920.	64.	36.			0.2	0.075
17 04 78 1235			.3		36207	6	47.30	3400.	40.	88.	4.0	9.7	0.2	0.042
15 05 78 1145			.3		36274	6	204.00	21000.	400.	96.	9.0	8.6	2.8	0.270
19 06 78 1115			.3		36337	9 5 8	9.70	8900.	176.	16.	15.8	7.6	4.0	0.680
17 07 78 1100			.3		36399	5 8	5.30	400.	12.	4. L	24.0	8.3	1.2	1.080
01 09 78 1330			.3		36512	8 5	8.70	1400.	212.	508.	21.5	8.5	0.6	0.089
25 09 78 1145			.3		36532	6	12.30	1900.	60.	150.	15.0	9.3	0.5	0.068
27 10 78 1200			.3		36634	6	17.70	75000E+1	1140.	1500. G	11.0	8.7	24.0	4.760
29 11 78 1015			.3		36684	4	17.30	2200.	200.	100. L	0.5	8.8	1.2	0.034
11 12 78 1045			.3		36703	4	18.40	600.	10.	30.	0.0	7.6	0.6	0.032
MAXIMUM							204.00	75000E+1	1300.	1500.	24.0	9.7	24.0	4.760
AVG OR GEOM MN (*)							41.76	3896.*	121.*	91.* E	10.1	8.4	3.3	0.653
MINIMUM							3.70	400.	10.	4.	0.0	7.0	0.2	0.032
NO OF SAMPLES							11	11	11	11	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78 1015			.3		0.030	0.184	0.370	0.013	2.230	2.427	0.186	2.613	338.0	39.0
20 02 78 1200			.3		0.022	0.076	0.350	0.013	0.860	0.949	0.274	1.223	401.0	13.0
17 04 78 1235			.3		0.010	0.036	0.450	0.010	1.570	1.616	0.414	2.030	368.0	16.0
15 05 78 1145			.3		0.115	0.220	1.550	0.035	2.290	2.545	1.330	3.875	485.0	56.0
19 06 78 1115			.3		0.125	0.530	1.820	0.079	12.900	13.509	1.290	14.799	611.0	59.0
17 07 78 1100			.3		0.750	0.104	0.870	0.034	16.600	16.738	0.766	17.504	560.0	13.0
01 09 78 1330			.3		0.012	0.046	0.420	0.009	0.055	0.110	0.374	0.484	308.0	38.0
25 09 78 1145			.3		0.012	0.020	0.560	0.006	0.060	0.086	0.540	0.626	366.0	32.0
27 10 78 1200			.3		0.010	0.388	12.200	0.014	0.155	0.557	11.812	12.369	684.0	169.0
29 11 78 1015			.3		0.004	0.062	0.520	0.009	0.941	1.012	0.458	1.470	455.0	14.0
11 12 78 1045			.3		0.006	0.046	0.400	0.008	1.040	1.094	0.354	1.448	471.0	7.5
MAXIMUM					0.750	0.530	12.200	0.079	16.600	16.738	11.812	17.504	684.0	169.0
AVG OR GEOM MN (*)					0.100	0.156	1.774	0.021	3.518	3.695	1.618	5.313	458.8	41.5
MINIMUM					0.004	0.020	0.350	0.006	0.055	0.086	0.186	0.484	308.0	7.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

B.O.W./ SITE: LYNDE CREEK
SAMPLE POINT: AT BASELINE ROAD WHITBY TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02HC018

STATION ID: 06-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LYNDE CREEK

STORET CODE: 02
004
3710

STN NO: 1 LAT: LONG: U T M: 17 0663850.0 4857775.0 4 REGION: 03 MILEAGE: 0.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1015			.3		299		497	28.00	35.0
20 02 78 1200			.3		388		620	11.00	30.0
17 04 78 1235			.3		352		500	12.00	25.5
15 05 78 1145			.3		429		680	27.00	70.0
19 06 78 1115			.3		552		820	28.00	113.0
17 07 78 1100			.3		547		750	5.90	98.0
01 09 78 1330			.3			270	415	30.00	22.5
25 09 78 1145			.3		334		500	40.00	32.0
27 10 78 1200			.3		515		820	54.00	105.0
29 11 78 1015			.3		441		690	13.0	48.0
11 12 78 1045			.3		463		720	6.20	53.5
MAXIMUM					552	270	820	54.00	113.0
AVG OR GEOM MN (*)					432	270	637	23.19	57.5
MINIMUM					299	270	415	5.90	22.5
NO OF SAMPLES					10	1	11	11	11

B.O.W./ SITE: LYNDE CREEK
SAMPLE POINT: AT HIGHWAY NO 12 1.4 MILES NORTH OF COUNTY ROAD NO 4
STATION TYPE: RIVER

STATION ID: 06-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LYNDE CREEK

STORET CODE: 02
004
3710

STN NO: 2 LAT: LONG: U T M: 17 0663600.0 4866300.0 4 REGION: 03 MILEAGE: 7.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1055			.3		36003	6	3000.	632.	428.	0.0	4.0	0.8	0.040	0.027
20 02 78 1055			.3		36093	4	4700.	88.	16.	0.0	6.0	0.2	0.043	0.030
21 04 78 1240			.3		36259	6	60000.	70.	310.	2.0	11.0	0.6	0.102	0.024
19 05 78 1245			.3		36326	6	1000.	90.	30.	13.0	11.3	0.5	0.069	0.015
29 06 78 1238			.3		36388	6	1700.	76.	12.	15.5	9.9	0.5	0.029	0.010
21 07 78 1400			.3		36452	6	4100.	740.	660.	23.5	7.3	1.4	0.051	0.004
01 09 78 1240			.3		36510	6	1200.	240.	30.	17.0	11.0	0.4	0.014	0.002
MAXIMUM							60000.	740.	660.	23.5	11.3	1.4	0.102	0.030
AVG OR GEOM MN (*)							3548.*	173.*	76.*	10.1	8.6	0.6	0.050	0.016
MINIMUM							1000.	70.	12.	0.0	4.0	0.2	0.014	0.002
NO OF SAMPLES							7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1055			.3		0.144	0.390	0.105	2.050	2.299	0.246	2.545	329.0	23.0	306
20 02 78 1055			.3		0.094	0.350	0.009	0.840	0.943	0.256	1.199	377.0	9.2	368
21 04 78 1240			.3		0.032	0.570	0.010	2.250	2.292	0.538	2.830	360.0	58.0	302
19 05 78 1245			.3		0.036	0.510	0.007	1.120	1.163	0.474	1.637	374.0	19.0	355
29 06 78 1238			.3		0.062	0.390	0.023	0.525	0.610	0.328	0.938	284.0	5.5	279
21 07 78 1400			.3		0.092	0.760	0.030	0.415	0.537	0.668	1.205	318.0	12.0	306
01 09 78 1240			.3		0.040	0.290	0.009	0.055	0.104	0.250	0.354	312.0	4.3	308
MAXIMUM					0.144	0.760	0.105	2.250	2.299	0.668	2.830	377.0	58.0	368
AVG OR GEOM MN (*)					0.071	0.466	0.028	1.036	1.135	0.394	1.530	336.3	18.7	318
MINIMUM					0.032	0.290	0.007	0.055	0.104	0.246	0.354	284.0	4.3	279
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1055			.3		520	14.00	31.0
20 02 78 1055			.3		595	5.60	25.5
21 04 78 1240			.3		475	18.00	20.0
19 05 78 1245			.3		530	5.20	21.0
29 06 78 1238			.3		440	3.80	15.5
21 07 78 1400			.3		465	5.50	36.5
01 09 78 1240			.3		450	2.50	24.5
MAXIMUM					595	18.00	36.5
AVG OR GEOM MN (*)					496	7.80	24.9
MINIMUM					440	2.50	15.5
NO OF SAMPLES					7	7	7

```
 B.O.W./ SITE: LYNDE CREEK                                                          STATION ID:  06-0108-003-02
 SAMPLE POINT: AT COUNTY ROAD NO 3 EAST OF HIGHWAY NO 12 BROOKLIN
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                   004
                                                     TERM STREAM: LYNDE CREEK                                    3710

STN NO:     3   LAT:               LONG:             U T M: 17 0663800.0 4868600.0 4    REGION: 03        MILEAGE:    9.50

                                      934       901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD    TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LM"   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.       02       BOD         P  REACTIVE
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L      MG/L      MG/L    P MG/L

09 01 78 1130              .3        36005    6       5300.      508.      308.       0.0      12.0       0.8     0.042     0.035
20 02 78 1115              .3        36095    4      15200.      500.       16.       0.0      13.1       0.2     0.076     0.040
21 04 78 1308              .3        36261    6      24000.       60.      110.       1.0      11.6       0.5     0.140     0.022
19 05 78 1315              .3        36328    6       8000.      470.       60.      14.0      10.6       0.2     0.028     0.006
29 06 78 1320              .3        36390    6         40.       10.  L    16.      14.5       9.5       0.8     0.018     0.002
21 07 78 1320              .3        36450    6     19000E+1    3100.      708.      24.0       7.2       2.4     0.086     0.014
01 09 78 1200              .3        36508    6      23000.      100.     1240.      18.2      10.7       0.8     0.017     0.007

                     MAXIMUM                        19000E+1    3100.     1240.      24.0      13.1       2.4     0.140     0.040
          AVG OR GEOM MN (*)                          8295.*     216.* D   124.*     10.2      10.7       0.8     0.058     0.018
                     MINIMUM                            40.       10.       16.       0.0       7.2       0.2     0.017     0.002

                NO OF SAMPLES                             7         7         7         7         7         7         7         7

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS       MG/L       MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

09 01 78 1130              .3      0.104     0.300     0.010     2.170     2.284     0.196     2.480     334.0      24.0       310
20 02 78 1115              .3      0.042     0.380     0.010     1.370     1.422     0.338     1.760     377.0      24.0       353
21 04 78 1308              .3      0.050     0.740     0.013     2.100     2.163     0.690     2.853     403.0      88.0       315
19 05 78 1315              .3      0.030     0.450     0.011     1.000     1.041     0.420     1.461     378.0       5.2       373
29 06 78 1320              .3      0.062     0.410     0.023     0.290     0.375     0.348     0.723     317.0       4.1       313
21 07 78 1320              .3      0.062     0.720     0.033     0.687     0.782     0.658     1.440     348.0      88.0
01 09 78 1200              .3      0.032     0.270     0.005     0.175     0.212     0.238     0.450     268.0       4.6

                     MAXIMUM       0.104     0.740     0.033     2.170     2.284     0.690     2.853     403.0      88.0       373
          AVG OR GEOM MN (*)       0.055     0.467     0.015     1.113     1.183     0.413     1.595     346.4      34.0       333
                     MINIMUM       0.030     0.270     0.005     0.175     0.212     0.196     0.450     268.0       4.1       310

                NO OF SAMPLES          7         7         7         7         7         7         7         7         7         5

                                     107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS    MG/L         UMHOS     UNITS

09 01 78 1130              .3                    515     14.00      26.5
20 02 78 1115              .3                    570      8.10      19.0
21 04 78 1308              .3                    495     30.00      26.0
19 05 78 1315              .3                    560      3.00      29.5
29 06 78 1320              .3                    485      3.40      30.0
21 07 78 1320              .3        260         400     35.00      20.5
01 09 78 1200              .3        263         405     16.00      14.5




                     MAXIMUM         263         570     35.00      30.0
          AVG OR GEOM MN (*)         262         490     15.64      23.7
                     MINIMUM         260         400      3.00      14.5

                NO OF SAMPLES          2           7         7         7


 B.O.W./ SITE: LYNDE CREEK                                                          STATION ID:  06-0108-004-02
 SAMPLE POINT: AT FIRST CONC.WEST OF HIGHWAY NO.7&12 NORTH OF BROOKLIN
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                   004
                                                     TERM STREAM: LYNDE CREEK                                    3710

STN NO:     4   LAT:               LONG:             U T M: 17 0663300.0 4869500.0 4    REGION: 03        MILEAGE:   10.00

                                      934       901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD    TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.       02       BOD         P  REACTIVE
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L      MG/L      MG/L    P MG/L

09 01 78 1120              .3        36004    6       4900.      352.      388.       0.0       7.0       0.8     0.066     0.017
20 02 78 1100              .3        36094    4        990.        4.  L    16.       0.0      12.0       0.2     0.042     0.032
21 04 78 1256              .3        36260    6       3100.       10.  L    50.       1.0      11.6       0.6     0.130     0.022
19 05 78 1258              .3        36327    6        400.       52.       20.      13.0      10.8       0.2     0.026     0.007
29 06 78 1253              .3        36389    6 9       50.        4.  L    48.      14.0       9.5       0.6     0.022     0.005
21 07 78 1335              .3        36451    6 9     9000.     1660.      760.      22.8       7.6       1.0     0.035     0.003
01 09 78 1215              .3        36509    6 8      480.      440.      110.      16.0      11.0       0.2     0.017     0.002

                     MAXIMUM                           9000.     1660.      760.      22.8      12.0       1.0     0.130     0.032
          AVG OR GEOM MN (*)                           1038.*      58.* D    82.*      9.5       9.9       0.5     0.048     0.013
                     MINIMUM                             50.        4.       16.       0.0       7.0       0.2     0.017     0.002

                NO OF SAMPLES                             7         7         7         7         7         7         7         7

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS       MG/L       MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

09 01 78 1120              .3      0.088     0.490     0.007     2.050     2.145     0.402     2.547     334.0      37.0       297
20 02 78 1100              .3      0.040     0.330     0.008     1.240     1.288     0.290     1.578     354.0       7.4       347
21 04 78 1256              .3      0.026     0.640     0.009     2.230     2.265     0.614     2.879     355.0      63.0       292
19 05 78 1258              .3      0.026     0.380     0.009     1.000     1.035     0.354     1.389     344.0       7.2       337
29 06 78 1253              .3      0.066     0.380     0.021     0.635     0.722     0.314     1.036     284.0       7.8
21 07 78 1335              .3      0.036     0.470     0.019     0.686     0.741     0.434     1.175     283.0      13.0
01 09 78 1215              .3      0.006     0.240     0.003     0.285     0.294     0.234     0.528     274.0      10.0

                     MAXIMUM       0.088     0.640     0.021     2.230     2.265     0.614     2.879     355.0      63.0       347
          AVG OR GEOM MN (*)       0.041     0.419     0.011     1.161     1.213     0.377     1.590     318.3      20.8       318
                     MINIMUM       0.006     0.240     0.003     0.285     0.294     0.234     0.528     274.0       7.2       292

                NO OF SAMPLES          7         7         7         7         7         7         7         7         7         4
```

(C O N T D)

```
 B.O.W./ SITE: LYNDE CREEK                                                                STATION ID:  06-0108-004-02
 SAMPLE POINT: AT FIRST CONC.WEST OF HIGHWAY NO.7&12 NORTH OF BROOKLIN
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                  004
                                                          TERM STREAM: LYNDE CREEK                                   3710

STN NO:      4    LAT:                LONG:               U T M: 17 0663300.0 4869500.0 4    REGION: 03          MILEAGE:   10.00

                                       107         14       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL         COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS         25C  FORMAZIN      MG/L
               FEET       MTRS    MG/L           UMHOS    UNITS

09 01 78 1120               .3                     491    14.00       21.0
20 02 78 1100               .3                     545     4.00       14.0
21 04 78 1256               .3                     460    22.00       16.5
19 05 78 1258               .3                     485     2.80       15.0
29 06 78 1253               .3           276       425     4.50       10.5
21 07 78 1335               .3           270       415     7.80       14.5
01 09 78 1215               .3           264       405     2.50       10.5

                       MAXIMUM           276       545    22.00       21.0
          AVG OR GEOM MN (*)             270       461     8.23       14.6
                       MINIMUM           264       405     2.50       10.5

                NO OF SAMPLES              3         7        7          7


 B.O.W./ SITE: PRINGLE CREEK                                                              STATION ID:  06-0109-003-02
 SAMPLE POINT: WATSON STREET, WHITBY
 STATION TYPE: RIVER   FLOW GAUGE MOE 02HD108             MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                  004
                                                          TERM STREAM: PRINGLE CREEK                                 3700

STN NO:      3    LAT:                LONG:               U T M: 17 0666375.0 4858225.0 4    REGION: 03          MILEAGE:    1.10

                                      934       901        80        81        84       805         3         1        33         34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO             COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P   REACTIVE
               FEET       MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L     P MG/L

09 01 78 1030               .3       36002    6          6400.     322.      282.        0.0       6.0       2.5     0.136      0.100
20 02 78 1200               .3       36092               1960.       8.      132.                            3.4     0.430      0.062
17 04 78 1250               .3       36208    6 9          4.        4.        4.        7.0       8.2       0.6     0.300      0.130
15 05 78 1210               .3       36275    8         22000.     600.      128.        9.2       8.8       0.8     0.140      0.027
19 06 78 1100               .3       36336    5 8         900.      80.       64.       19.0       6.3       2.0     0.124      0.017
17 07 78 1115               .3       36398    9 5 8       300.      70.       20.       21.0       7.2       1.2     0.081      0.007
01 09 78 1310               .3       36511    9 5 8        10.  L   10.  L    10.  L    20.9       8.3       1.4     0.940      0.530
25 09 78 1205               .3       36533    6 8         100.      10.  L    10.  L    17.0       8.3       1.0     0.346      0.169
27 10 78 1215               .3       36635    6          2100.     140.      550.        7.4      10.5       1.2     0.021      0.003
29 11 78 1030               .3       36685    6         12700E+1  4800.     1790.        8.0      12.6       5.8     0.364      0.045
11 12 78 1100               .3       36704    6 9       51000.    4700.     1500.        6.2                 1.2     0.670      0.135

                       MAXIMUM                          12700E+1  4800.     1790.       21.0      12.6       5.8     0.940      0.530
          AVG OR GEOM MN (*)                             1136.* D  101.* D    91.* D    11.6       8.5       1.9     0.323      0.111
                       MINIMUM                             4.        4.        4.        0.0       6.0       0.6     0.021      0.003

                NO OF SAMPLES                               11        11        11        10         9        11        11         11



                                       19        20        21        22        17        18        23         5         6          7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS     SOLIDS
               FEET       MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

09 01 78 1030               .3       0.380     0.810     0.023     2.570     2.973     0.430     3.403     446.0      30.0        416
20 02 78 1200               .3       0.314     1.560     1.480     7.820     9.614     1.246    10.860     595.0      63.0        532
17 04 78 1250               .3       0.154     0.820     0.024     1.160     1.338     0.666     2.004     622.0       9.3        613
15 05 78 1210               .3       0.070     0.900     0.032     1.900     2.002     0.830     2.832     409.0      71.0        338
19 06 78 1100               .3       0.142     0.780     0.022     0.125     0.289     0.638     0.927     348.0      57.0        291
17 07 78 1115               .3       0.078     0.660     0.012     0.023     0.113     0.582     0.695     306.0      30.0
01 09 78 1310               .3       1.320     2.280     0.042     9.160    10.522     0.960    11.482     528.0      15.0        513
25 09 78 1205               .3       4.250     6.100     0.092     7.660    12.002     1.850    13.852     588.0       7.3        581
27 10 78 1215               .3       0.006     0.340     0.006     0.290     0.302     0.334     0.636     364.0       7.7        356
29 11 78 1030               .3       1.120     2.020     0.135     5.360     6.615     0.900     7.515     758.0      24.0        734
11 12 78 1100               .3       0.136     1.420     0.022    11.000    11.158     1.284    12.442     763.0     129.0        634

                       MAXIMUM       4.250     6.100     1.480    11.000    12.002     1.850    13.852     763.0     129.0        734
          AVG OR GEOM MN (*)         0.725     1.608     0.172     4.279     5.175     0.884     6.059     520.6      40.3        501
                       MINIMUM       0.006     0.340     0.006     0.023     0.113     0.334     0.636     306.0       7.3        291

                NO OF SAMPLES           11        11        11        11        11        11        11        11        11         10

                                       107         14       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL         COND.    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS         25C  FORMAZIN      MG/L
               FEET       MTRS    MG/L           UMHOS    UNITS

09 01 78 1030               .3                     705    20.00      103.0
20 02 78 1200               .3                     830    33.00      103.0
17 04 78 1250               .3                     900     6.20      115.0
15 05 78 1210               .3                     520    35.00       24.0
19 06 78 1100               .3                     460    28.00       27.5
17 07 78 1115               .3           276       425    19.00       28.5
01 09 78 1310               .3                     760     6.50      103.0
25 09 78 1205               .3                     880     5.90      115.0
27 10 78 1215               .3                     560     6.50       33.5
29 11 78 1030               .3                    1200    16.0       225.0
11 12 78 1100               .3                     980    56.00      147.0

                       MAXIMUM           276      1200    56.00      225.0
          AVG OR GEOM MN (*)             276       747    21.10       93.1
                       MINIMUM           276       425     5.90       24.0

                NO OF SAMPLES              1        11       11         11
```

B.O.W./ SITE: OSHAWA CREEK
SAMPLE POINT: SIMCOE STREET SOUTH OSHAWA
STATION TYPE: RIVER FLOW GAUGE FED 02HD008

STATION ID: 06-0111-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OSHAWA CREEK

STORET CODE: 02
004
3660

STN NO: 1 LAT: LONG: U T M: 17 0674275.0 4859125.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78	1150			.3		36006	4	119.00	1400.	500.	430.	0.0	7.0	0.8	0.058
	1250			.3		36010	4	119.00				0.0	12.0	0.2	0.045
20 02 78	1200			.3		36096		21.00	600.	68.	60.			1.8	0.077
24 02 78	1100			.3		36145	4	22.40	43000.	1300. G	850.	0.0	9.6	0.2	0.088
17 04 78	1320			.3		36209	6	73.10	5000.	100.	100.	6.8	9.5	0.8	0.430
15 05 78	1230			.3		36276	6	136.00	22000.	1200.	320.	9.8	9.4	1.0	0.160
19 06 78	1200			.3		36338	5 8	26.50	800.	8.	36.	16.8	11.4	0.8	0.034
17 07 78	1135			.3		36400	5 8	18.70	800.	1200.	500.	24.0	7.4	0.5	0.075
01 09 78	1130			.3		36507	5 8	20.70	3100.	200.	680.	17.5	9.4	0.2	0.102
25 09 78	1230			.3		36534	6 8	15.00	1700.	50.	70.	15.4	10.8	0.4	0.060
27 10 78	1140			.3		36633	6	45.90	2500.	40.	560.	8.0	10.4	0.8	0.037
29 11 78	1100			.3		36686	6	27.50	3100.	120.	110.	1.5	13.9	0.6	0.058
11 12 78	1120			.3		36705	4	22.40	230.	10. L	30.	0.5		0.2	0.055
MAXIMUM								136.00	43000.	1300.	850.	24.0	13.9	1.8	0.430
AVG OR GEOM MN (*)								51.32	2317.*	131.* E	179.*	8.4	10.1	0.6	0.098
MINIMUM								15.00	230.	8.	30.	0.0	7.0	0.2	0.034
NO OF SAMPLES								13	12	12	12	12	11	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78	1150			.3		0.012	0.180	0.320	0.011	1.340	1.531	0.140	1.671	390.0	47.0
	1250			.3		0.024	0.196	0.560	0.011	1.870	2.077	0.364	2.441	432.0	25.0
20 02 78	1200			.3		0.008	0.728	1.120	0.045	0.685	1.458	0.392	1.850	905.0	10.0
24 02 78	1100			.3		0.034	0.178	0.590	0.007	0.800	0.985	0.412	1.397	369.0	24.0
17 04 78	1320			.3		0.063	0.104	0.470	0.013	1.290	1.407	0.366	1.773	394.0	26.0
15 05 78	1230			.3		0.018	0.062	0.850	0.020	1.030	1.112	0.788	1.900	446.0	101.0
19 06 78	1200			.3		0.015	0.084	0.360	0.014	0.345	0.443	0.276	0.719	660.0	7.7
17 07 78	1135			.3		0.005	0.046	0.480	0.007	0.193	0.246	0.434	0.680	718.0	71.0
01 09 78	1130			.3		0.025	0.076	0.290	0.006	0.325	0.407	0.214	0.621	306.0	12.0
25 09 78	1230			.3		0.014	0.062	0.360	0.013	0.310	0.385	0.298	0.683	352.0	39.0
27 10 78	1140			.3		0.016	0.062	0.320	0.005	0.440	0.507	0.258	0.765	345.0	9.7
29 11 78	1100			.3		0.021	0.090	0.380	0.008	0.807	0.905	0.290	1.195	1121.0	82.0
11 12 78	1120			.3		0.029	0.162	0.37	0.007	0.863	1.032	0.208	1.240	1196.	18.
MAXIMUM						0.063	0.728	1.120	0.045	1.870	2.077	0.788	2.441	1196.	101.0
AVG OR GEOM MN (*)						0.022	0.156	0.498	0.013	0.792	0.961	0.342	1.303	587.2	36.3
MINIMUM						0.005	0.046	0.290	0.005	0.193	0.246	0.140	0.621	306.0	7.7
NO OF SAMPLES						13	13	13	13	13	13	13	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
09 01 78	1150			.3		343	595	28.00	59.0						
	1250			.3		407	660	11.00	43.0	45.5	4.20	7.46	0.520	1.0L	5.0
20 02 78	1200			.3		895	1485	12.00	315.0						5.0
24 02 78	1100			.3		345	575	15.00	28.5	37.5	5.00	8.07	0.840	1.0L	4.0
17 04 78	1320			.3		368	590	16.00	39.0	34.5	3.55	8.22	1.500	2.5	3.2
15 05 78	1230			.3		345	520	46.00	26.0	30.5	3.80	8.20	2.500	3.0	5.9
19 06 78	1200			.3		652	1000	4.90	25.5	34.5	3.65	8.00	0.310	1.0L	3.0
17 07 78	1135			.3		647	910	30.00	25.5	34.5	4.45	7.97	0.300	1.0L	2.8
01 09 78	1130			.3		294	445	5.50	22.5	32.5	4.50	8.15	0.440	1.0L	2.6
25 09 78	1230			.3		313	495	26.00	25.5	35.0	4.10	8.30	1.400	1.0L	2.8
27 10 78	1140			.3		335	530	6.6	22.5	37.0	4.90	8.06	0.40	1. L	3.
29 11 78	1100			.3		1039	1800	30.00	77.0	41.0	5.40	7.88	0.580	2.0	2.4
11 12 78	1120			.3		1178	1900	18.	116.	45.	12.4	9.83	0.60	1.	2.6
MAXIMUM						1178	1900	46.00	315.0	45.5	12.4	9.83	2.500	3.0	5.9
AVG OR GEOM MN (*)						551	885	19.15	63.5	37.0	5.09	8.20	0.854	1.4D	3.5
MINIMUM						294	445	4.90	22.5	30.5	3.55	7.46	0.300	1.0	2.4
NO OF SAMPLES						13	13	13	13	11	11	11	11	11	12

SAMP DTE DY MO YR	HOUR LM"	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
09 01 78	1250			.3		34									
20 02 78	1200			.3		34									
24 02 78	1100			.3		23									
17 04 78	1320			.3		30	1	0.001	0.200	0.040	0.010L	0.030L	0.005L	0.650	0.040
15 05 78	1230			.3		35	1	0.001	0.02	0.030	0.010	0.030L	0.005L	0.020	0.020L
19 06 78	1200			.3		24									
17 07 78	1135			.3		24									
01 09 78	1130			.3		62	1								
25 09 78	1230			.3		14	2	0.001	0.29	0.05	0.01 L	0.03 L	0.005L	0.01 L	0.20
27 10 78	1140			.3		21									
29 11 78	1100			.3		31			0.190						
11 12 78	1120			.3		23	0	0.001	0.03	0.02 L	0.05	0.03 L	0.005L	0.01 L	0.23
MAXIMUM						62	2	0.001	0.29	0.05	0.05	0.030	0.005	0.650	0.23
AVG OR GEOM MN (*)						30	1	0.001	0.146	0.035D	0.020D	0.030D	0.005D	0.173D	0.123D
MINIMUM						14	0	0.001	0.02	0.02	0.010	0.030	0.005	0.01	0.020
NO OF SAMPLES						12	5	4	5	4	4	4	4	4	4

B.O.W./ SITE: MONTGOMERY CREEK
SAMPLE POINT: AT HARBOUR ROAD OSHAWA
STATION TYPE: RIVER

STATION ID: 06-0111-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OSHAWA CREEK

STORET CODE: 02
004
3660

STN NO: 2 LAT: LONG: U T M: 17 0674350.0 4859625.0 4 REGION: 03 MILEAGE: 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78	1200			.3		36007	6				0.0	3.0	1.8	0.113	0.004
17 04 78	1330			.3		36210	6	50000E+1	14000E+1	1500. G	8.0	9.5	14.0	0.112	0.012
15 05 78	1248			.3		36277	6	13000E+1	700.	1000. L	10.0	7.9	19.	0.090	0.003
19 06 78	1215			.3		36339	6 9	9900.	84.	40.	16.8	3.4	4.0	0.185	0.040
17 07 78	1150			.3		36401	6 9	300.	10.	100.	23.0	2.1	4.0	0.310	0.023
01 09 78	1115			.3		36506	6 8	1390.	1290.	1500. G	17.5	7.4	1.0	0.114	0.038
25 09 78	1240			.3		36535	6	14000.	340.	160.	16.2	8.4	1.2	0.134	0.026
27 10 78	1130			.3		36632	6	1700.	270.	260.	8.0	6.2	1.6	0.152	0.025
29 11 78	1120			.3		36687	6	7500.	330.	290.	3.8	11.2	2.0	0.069	0.008
11 12 78	1130			.3		36706	4	27000.	160.	300.	1.5		0.8	0.094	0.024
MAXIMUM								50000E+1	14000E+1	1500.	23.0	11.2	19.	0.310	0.040
AVG OR GEOM MN (*)								10290.*	431.*	317.* E	10.5	6.6	4.9	0.137	0.020
MINIMUM								300.	10.	40.	0.0	2.1	0.8	0.069	0.003
NO OF SAMPLES								9	9	9	10	9	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78	1200			.3		0.050	0.490	0.017	1.240	1.307	0.440	1.747	751.0	52.0	699
17 04 78	1330			.3		0.002L	0.980	0.039	1.340	1.381	0.978	2.359	834.0	20.0	814
15 05 78	1248			.3		0.002	0.900	0.032	0.645	0.679	0.898	1.577	672.	22.0	650
19 06 78	1215			.3		0.252	1.200	0.004	0.275	0.531	0.948	1.479	572.0	20.0	552
17 07 78	1150			.3		0.236	1.150	0.055	0.395	0.686	0.914	1.600	506.0	69.0	437
01 09 78	1115			.3		0.148	0.570	0.054	0.640	0.842	0.422	1.264	164.0	20.0	
25 09 78	1240			.3		0.560	1.100	0.155	1.040	1.755	0.540	2.295	413.0	23.0	490
27 10 78	1130			.3		0.083	0.640	0.066	0.720	0.869	0.557	1.426	419.0	7.8	411
29 11 78	1120			.3		0.210	0.600	0.050	0.800	1.060	0.390	1.450	2363.0	7.0	2356
11 12 78	1130			.3		0.330	0.660	0.040	1.060	1.430	0.330	1.760	679.0	3.4	676
MAXIMUM						0.560	1.200	0.155	1.340	1.755	0.978	2.359	2363.0	69.0	2356
AVG OR GEOM MN (*)						0.187D	0.829	0.051	0.816	1.054	0.642	1.696	737.3	24.4	787
MINIMUM						0.002	0.490	0.004	0.275	0.531	0.330	1.264	164.0	3.4	411
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L
09 01 78	1200			.3			1215	18.00	223.0	
17 04 78	1330			.3			1130	13.00	183.0	2.0
15 05 78	1248			.3			910	13.00	135.0	3.0
19 06 78	1215			.3			890	6.80	150.0	1.0L
17 07 78	1150			.3			660	23.00	96.0	
01 09 78	1115			.3		144	220	8.50	115.0	1.0L
25 09 78	1240			.3			780	20.00	117.0	1.0L
27 10 78	1130			.3			650	6.70	81.0	2.5
29 11 78	1120			.3			4200	8.0	1350.0	3.
11 12 78	1130			.3			1100	11.00	78.0	2.0
MAXIMUM						144	4200	23.00	1350.0	3.0
AVG OR GEOM MN (*)						144	1176	12.80	252.8	1.9D
MINIMUM						144	220	6.70	78.0	1.0
NO OF SAMPLES						1	10	10	10	8

B.O.W./ SITE: HARMONY CREEK
SAMPLE POINT: AT BLOOR STREET EAST OSHAWA
STATION TYPE: RIVER FLOW GAUGE MOE 02HD107

STATION ID: 06-0112-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: FAREWELL CREEK

STORET CODE: 02
004
3650

STN NO: 1 LAT: LONG: U T M: 17 0674300.0 4861075.0 4 REGION: 03 MILEAGE: 1.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 04 78	1350			.3		36211	6	550.	170.	1500. G	9.0	8.6	0.2	0.029	0.010
15 05 78	1400			.3		36278	6	6100.	1300.	500.	10.5	9.0	1.2	0.110	0.038
19 06 78	1200			.3		36340		4500.	600. G	52.			1.0	0.022	0.002
17 07 78	1220			.3		36402	6	300.	10.	60.	25.5	9.6	1.2	0.023	0.005
01 09 78	1100			.3		36505	6	800.	344.	1500. G	18.0	11.2	0.4	0.043	0.002
25 09 78	1255			.3		36536	6	2300.	170.	170.	16.0	11.4			
27 10 78	1115			.3		36630	6	13000.	1470.	1070.	6.0	12.3	1.4	0.061	0.006
29 11 78	1135			.3		36688	6	18000.	1600.	1400.	1.0	14.6	2.4	0.350	0.024
11 12 78	1140			.3		36707	6	12000.	4100.	1500. G	0.0		0.4	0.046	0.007
MAXIMUM								18000.	4100.	1500.	25.5	14.6	2.4	0.350	0.038
AVG OR GEOM MN (*)								3059.*	449.* U	479.* U	10.8	11.0	1.0	0.086	0.012
MINIMUM								300.	10.	52.	0.0	8.6	0.2	0.022	0.002
NO OF SAMPLES								9	9	9	8	7	8	8	8

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 04 78 1350			.3		0.066	0.450	0.011	1.640	1.717	0.384	2.101	501.0	8.9	492
15 05 78 1400			.3		0.406	1.080	0.024	1.580	2.010	0.674	2.684	391.0	43.0	348
19 06 78 1200			.3		0.050	0.520	0.027	0.545	0.622	0.470	1.092	655.0	13.0	642
17 07 78 1220			.3		0.026	0.530	0.005	0.025	0.056	0.504	0.560	659.0	10.0	649
01 09 78 1100			.3		0.030	0.450	0.009	0.480	0.519	0.420	0.939	680.0	19.0	661
27 10 78 1115			.3		0.006	0.600	0.010	0.505	0.521	0.594	1.115	594.0	34.0	560
29 11 78 1135			.3		0.090	1.160	0.025	1.080	1.195	1.070	2.265	1660.0	331.0	1329
11 12 78 1140			.3		0.060	0.480	0.010	1.190	1.260	0.420	1.680	696.0	20.0	676
MAXIMUM					0.406	1.160	0.027	1.640	2.010	1.070	2.684	1660.0	331.0	1329
AVG OR GEOM MN (*)					0.092	0.659	0.015	0.881	0.988	0.567	1.555	729.5	59.9	670
MINIMUM					0.006	0.450	0.005	0.025	0.056	0.384	0.560	391.0	8.9	348
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 04 78 1350			.3		760	5.20	72.0
15 05 78 1400			.3		520	23.00	20.5
19 06 78 1200			.3		980	4.20	150.0
17 07 78 1220			.3		890	5.30	178.0
01 09 78 1100			.3		910	11.00	148.0
27 10 78 1115			.3		860	5.90	86.0
29 11 78 1135			.3		2300	250.0	550.0
11 12 78 1140			.3		1040	9.90	125.0
MAXIMUM					2300	250.0	550.0
AVG OR GEOM MN (*)					1033	39.31	166.2
MINIMUM					520	4.20	20.5
NO OF SAMPLES					8	8	8

B.O.W./ SITE: BOWMANVILLE CREEK
SAMPLE POINT: WEST BEACH ROAD. BOWMANVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HD006

STATION ID: 06-0116-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO: 1 LAT: LONG: U T M: 17 0686650.0 4862500.0 4 REGION: 03 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 02 78 1145			.3		36146	4	15.00	270.	88.	32.	0.0	9.8	0.2	0.075
17 04 78 1425			.3		36213	6	74.90	800.	4.	50.	5.8	8.6	0.4	0.038
15 05 78 1435			.3		36280	6	164.00	5500.	350.	410.	10.0	9.0	0.5	0.665
19 06 78 1200			.3		36342		31.40	200.	40.	40.			0.8	0.017
17 07 78 1300			.3		36404	6	29.30	3500.	110.	60.	22.4	6.8	0.4	0.031
01 09 78 1030			.3		36504	6	28.70	300.	1000. L	100.	16.8	9.0	0.4	0.020
25 09 78 1320			.3		36537	6	25.30	900.	10.	30.	13.9	12.2	0.2	0.023
27 10 78 1100			.3		36631	6	54.90	1080.	60.	460.	5.8	12.7	0.8	0.021
29 11 78 1208			.3		36690	6	45.90	2000.	44.	52.	1.0	15.6	1.2	0.030
11 12 78 1215			.3		36709	4	43.80	420.	24.	1200.	0.5		0.2	0.020
MAXIMUM							164.00	5500.	1000.	1200.	22.4	15.6	1.2	0.665
AVG OR GEOM MN (*)							51.32	855.*	57.* D	103.*	8.5	10.5	0.5	0.094
MINIMUM							15.00	200.	4.	30.	0.0	6.8	0.2	0.017
NO OF SAMPLES							10	10	10	10	9	8	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 . TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 02 78 1145			.3		0.004	0.028	0.260	0.005	0.700	0.733	0.232	0.965	262.0	9.4
17 04 78 1425			.3		0.016	0.034	0.340	0.007	0.985	1.026	0.306	1.332	293.0	17.0
15 05 78 1435			.3		0.008	0.026	0.700	0.012	0.965	1.003	0.674	1.677	390.0	72.0
19 06 78 1200			.3		0.004	0.040	0.250	0.006	0.270	0.316	0.210	0.526	306.0	8.0
17 07 78 1300			.3		0.003	0.032	0.330	0.004	0.136	0.172	0.298	0.470	307.0	7.7
01 09 78 1030			.3		0.004	0.020	0.220	0.006	0.210	0.236	0.200	0.436	224.0	6.4
25 09 78 1320			.3		0.003	0.026	0.95	0.016	0.840	0.882	0.924	1.806	249.0	4.8
27 10 78 1100			.3		0.002	0.006	0.340	0.005	0.475	0.486	0.334	0.820	280.0	7.4
29 11 78 1208			.3		0.004	0.010	0.380	0.005	0.710	0.725	0.370	1.095	461.0	24.0
11 12 78 1215			.3		0.005	0.018	0.26	0.006	0.854	0.878	0.242	1.120	444.	8.8
MAXIMUM					0.016	0.040	0.95	0.016	0.985	1.026	0.924	1.806	461.0	72.0
AVG OR GEOM MN (*)					0.005	0.024	0.403	0.007	0.615	0.646	0.379	1.025	321.6	16.6
MINIMUM					0.002	0.006	0.220	0.004	0.136	0.172	0.200	0.436	224.0	4.8
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
24 02 78 1145			.3		253		419	6.60	8.4	25.5	5.00	8.05	0.390	1.0L
17 04 78 1425			.3			276	425	9.40	10.0	24.0	3.50	8.30	0.430	1.5
15 05 78 1435			.3		318		445	29.00	11.5	24.0	3.90	8.28	1.700	3.0
19 06 78 1200			.3		298		480	3.20	6.0	20.0	4.15	8.30	0.350	1.0L
17 07 78 1300			.3		299		440	10.00	4.5	19.0	4.90	8.40	0.400	1.0
01 09 78 1030			.3			218	335	6.00	6.1	20.0	5.00	8.15	0.230	1.0L
25 09 78 1320			.3		680	244	980	3.0	137.	22.0	4.45	8.25	0.240	1.0L
27 10 78 1100			.3		273		455	4.3	13.0	30.0	5.40	7.64	0.25	1. L
29 11 78 1208			.3		437		730	7.90	13.5	29.5	5.50	8.05	0.560	1.0L
11 12 78 1215			.3		435		690	5.4	16.	32.5	6.2	8.09	0.27	1. L
MAXIMUM					680	276	980	29.00	137.	32.5	6.2	8.40	1.700	3.0
AVG OR GEOM MN (*)					374	246	540	8.48	22.6	24.7	4.80	8.15	0.482	1.30
MINIMUM					253	218	335	3.0	4.5	19.0	3.50	7.64	0.230	1.0
NO OF SAMPLES					8	3	10	10	10	10	10	10	10	10

(C O N T D)

B.O.W./ SITE: BOWMANVILLE CREEK
SAMPLE POINT: WEST BEACH ROAD, BOWMANVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HD006

STATION ID: 06-0116-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO: 1 LAT: LONG: U T M: 17 0686650.0 4862500.0 4 REGION: 03 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
24 02 78 1145			.3		3.0	29								
17 04 78 1425			.3		3.0	46	1	0.001	0.290	0.020L	0.020	0.030L	0.005L	0.040
15 05 78 1435			.3		5.4	42	1	0.001	0.02	0.020L	0.010L	0.030L	0.005L	0.040
19 06 78 1200			.3		2.4	10L								
17 07 78 1300			.3		2.5	19								
01 09 78 1030			.3		2.5	38	0							
25 09 78 1320			.3		2.8	18	2	0.001	0.10	0.02 L	0.01 L	0.03 L	0.005L	0.01 L
27 10 78 1100			.3		4.	34								
29 11 78 1208			.3		2.6	21			0.110					
11 12 78 1215			.3		2.8	10L	0	0.001	0.06	0.03	0.02	0.03 L	0.005L	0.01 L
MAXIMUM					5.4	46	2	0.001	0.290	0.03	0.020	0.030	0.005	0.040
AVG OR GEOM MN (*)					3.1	27D	1	0.001	0.116	0.023D	0.015D	0.030D	0.005D	0.025D
MINIMUM					2.4	10	0	0.001	0.02	0.020	0.010	0.030	0.005	0.01
NO OF SAMPLES					10	10	5	4	5	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
17 04 78 1425			.3		0.020L
15 05 78 1435			.3		0.020L
25 09 78 1320			.3		0.02 L
11 12 78 1215			.3		0.02 L
MAXIMUM					0.020
AVG OR GEOM MN (*)					0.020D
MINIMUM					0.020
NO OF SAMPLES					4

B.O.W./ SITE: SOPER BROOK
SAMPLE POINT: WEST BEACH ROAD BOWMANVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HD007

STATION ID: 06-0116-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO: 2 LAT: LONG: U T M: 17 0686950.0 4862650.0 4 REGION: 03 MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 1230			.3		36008	4	130.00	29000.	31000.	300. G	0.0	8.0	1.6	0.077
20 02 78 1200			.3		36097		20.00	90.	4. L	4.			0.8	0.127
17 04 78 1410			.3		36212	6	90.10	4300.	10. L	10.	6.5	9.4	0.8	0.119
15 05 78 1425			.3		36279	6	109.00	7000.	40.	220.	9.5	8.9	0.4	0.135
19 06 78 1200			.3		36341		14.80	1200.	4. L	12.			2.0	0.142
17 07 78 1240			.3		36403	6	9.20	28000E+2	28000.	600. G	22.0	5.3	5.2	0.610
01 09 78 1020			.3		36503	6	12.80	100. L	10. L	10. L	15.2	9.2	0.6	0.365
25 09 78 1310			.3		36538	6	16.00	7800.	20.	20.	14.0	11.5	1.0	0.190
27 10 78 1050			.3		36629	6	25.00	28000.	1000.	600. G	5.8	11.8	1.4	0.170
29 11 78 1200			.3		36669	6	26.50	10900.	9900.	3500.	2.2	14.4	3.0	0.131
11 12 78 1200			.3		36708	6	23.30	12300.	1900.	52.	2.0		0.8	0.494
MAXIMUM							130.00	28000E+2	31000.	3500.	22.0	14.4	5.2	0.610
AVG OR GEOM MN (*)							43.34	6427.* D	200.* D	75.* E	8.6	9.8	1.6	0.233
MINIMUM							9.20	90.	4.	4.	0.0	5.3	0.4	0.077
NO OF SAMPLES							11	11	11	11	9	8	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78 1230			.3		0.069	0.266	0.520	0.020	2.390	2.676	0.254	2.930	319.0	30.0
20 02 78 1200			.3		0.080	1.880	2.200	0.018	1.200	3.098	0.320	3.418	337.0	9.3
17 04 78 1410			.3		0.081	1.010	1.570	0.021	1.810	2.841	0.560	3.401	362.0	13.0
15 05 78 1425			.3		0.022	0.022	0.950	0.019	1.330	1.371	0.928	2.299	515.0	90.0
19 06 78 1200			.3		0.069	0.540	1.030	0.079	2.670	3.289	0.490	3.779	312.0	21.0
17 07 78 1240			.3		0.360	0.650	5.000	0.160	2.340	3.150	4.350	7.500	323.0	17.0
01 09 78 1020			.3		0.135	0.368	0.740	0.155	1.640	2.163	0.372	2.535	311.0	27.0
25 09 78 1310			.3		0.169	0.450	0.870	0.200	3.200	3.850	0.420	4.270	339.0	6.6
27 10 78 1050			.3		0.070	0.202	0.820	0.055	1.790	2.047	0.618	2.665	408.0	55.0
29 11 78 1200			.3		0.065	0.324	0.880	0.115	2.730	3.169	0.556	3.725	410.0	18.0
11 12 78 1200			.3		0.420	1.550	2.130	0.300	2.600	4.450	0.580	5.030	411.0	6.4
MAXIMUM					0.420	1.880	5.000	0.300	3.200	4.450	4.350	7.500	515.0	90.0
AVG OR GEOM MN (*)					0.140	0.660	1.519	0.104	2.155	2.919	0.859	3.777	367.9	26.7
MINIMUM					0.022	0.022	0.520	0.018	1.200	1.371	0.254	2.299	311.0	6.4
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LM"	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1230			.3		289	481	20.00	23.0
20 02 78 1200			.3		328	540	6.20	23.0
17 04 78 1410			.3		349	540	7.60	27.5
15 05 78 1425			.3		425	640	30.00	47.0
19 06 78 1200			.3		291	460	6.90	20.0
17 07 78 1240			.3		306	490	7.70	25.0
01 09 78 1020			.3		284	435	5.50	16.0
25 09 78 1310			.3		332	520	4.20	27.0
27 10 78 1050			.3		353	540	6.00	21.5
29 11 78 1200			.3		392	610	16.0	41.5
11 12 78 1200			.3		405	660	4.60	41.0
MAXIMUM					425	660	30.00	47.0
AVG OR GEOM MN (*)					341	538	10.43	28.4
MINIMUM					284	435	4.20	16.0
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: SOPER BROOK
SAMPLE POINT: HIGHWAY 2, BOWMANVILLE
STATION TYPE: RIVER

STATION ID: 06-0116-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO: 3 LAT: LONG: U T M: 17 0687250.0 4865650.0 4 REGION: 03 MILEAGE: 3.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
13 01 78 1100			.3		36036	4	980.	120.	2300.	0.0	12.8	0.4	0.041	0.015
22 02 78 1720			.3		36137	4	400.	30.	100.	0.0	12.9	0.2	0.028	0.027
21 04 78 1205			.3		36258	6	1200.	50.	160.	1.0	11.4	0.6	0.166	0.030
19 05 78 1215			.3		36325	6	700.	40.	200.	12.5	11.3	0.4	0.057	0.014
29 06 78 1100			.3		36387	6	780.	116.	80.	13.2	9.4	0.4	0.030	0.004
21 07 78 1100			.3		36447	6	10500.	3900.	1520.	22.0	8.1	1.2	0.154	0.053
01 09 78 1000			.3		36502	6	2200.	600. G	600. G	15.0	10.4	0.2	0.027	0.005
29 09 78 1245			.3		36583	6	2300.	100.	50.	8.5	13.1	0.2	0.016	0.006
27 10 78 1030			.3		36628	6	2300.	232.	540.	5.0	12.4	0.6	0.024	0.007
29 11 78 1430			.3		36695	6	1500.	48.	40.	0.5	15.7	0.8	0.042	0.006
14 12 78 1000			.3		36754	6	240.	12.	40.	0.0	9.6	1.4	0.022	0.008
MAXIMUM							10500.	3900.	2300.	22.0	15.7	1.4	0.166	0.053
AVG OR GEOM MN (*)							1247.*	109.* U	202.* U	7.1	11.6	0.6	0.055	0.016
MINIMUM							240.	12.	40.	0.0	8.1	0.2	0.016	0.004
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
13 01 78 1100			.3		0.054	0.350	0.005	2.330	2.389	0.296	2.685	331.0	13.0	318
22 02 78 1720			.3		0.046	0.280	0.008	1.830	1.884	0.234	2.118	311.0	11.0	300
21 04 78 1205			.3		0.054	0.820	0.012	2.770	2.836	0.766	3.602	396.0	79.0	317
19 05 78 1215			.3		0.026	0.450	0.011	1.770	1.807	0.424	2.231	347.0	10.0	337
29 06 78 1100			.3		0.036	0.300	0.014	0.955	1.005	0.264	1.269	266.0	96.0	
21 07 78 1100			.3		0.042	0.680	0.018	0.932	0.992	0.638	1.630	312.0	75.0	
01 09 78 1000			.3		0.020	0.270	0.008	0.985	1.013	0.250	1.263	272.0	16.0	
29 09 78 1245			.3		0.014	0.220	0.006	0.990	1.010	0.206	1.216	273.0	2.9	
27 10 78 1030			.3		0.010	0.410	0.006	0.765	0.781	0.400	1.181	337.0	12.0	325
29 11 78 1430			.3		0.024	0.380	0.004	1.300	1.328	0.356	1.684	329.0	25.0	304
14 12 78 1000			.3		0.032	0.290	0.005	1.500	1.537	0.258	1.795	309.0	7.0	302
MAXIMUM					0.054	0.820	0.018	2.770	2.836	0.766	3.602	396.0	96.0	337
AVG OR GEOM MN (*)					0.033	0.405	0.009	1.466	1.507	0.372	1.879	316.6	31.5	315
MINIMUM					0.010	0.220	0.004	0.765	0.781	0.206	1.181	266.0	2.9	300
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
13 01 78 1100			.3			520	9.10	11.5
22 02 78 1720			.3			472	6.00	8.7
21 04 78 1205			.3			485	27.00	13.5
19 05 78 1215			.3			475	4.90	11.0
29 06 78 1100			.3		257	395	6.20	6.2
21 07 78 1100			.3		237	365	28.00	5.6
01 09 78 1000			.3		256	395	10.00	5.8
29 09 78 1245			.3		270	415	3.00	6.3
27 10 78 1030			.3			485	4.30	9.7
29 11 78 1430			.3			470	0.12	9.2
14 12 78 1000			.3			465	5.90	9.5
MAXIMUM					270	520	28.00	13.5
AVG OR GEOM MN (*)					255	449	9.50	8.8
MINIMUM					237	365	0.12	5.6
NO OF SAMPLES					4	11	11	11

B.O.W./ SITE: ORONO CREEK
SAMPLE POINT: AT CONCESSION ROAD SOUTHWEST OF ORONO
STATION TYPE: RIVER

STATION ID: 06-0117-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WILMOT CREEK

STORET CODE: 02
004
3490

STN NO: 2 LAT: LONG: U T M: 17 0691000.0 4869675.0 4 REGION: 03 MILEAGE: 5.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
13 01 78	1000			.3		36034	4	470.	28.	72.	0.0	14.4	0.2	0.018	0.006
22 02 78	1635			.3		36135	6	900.	90.	2.	0.0	15.2	0.2	0.016	0.016
21 04 78	1130			.3		36256	6	1100.	20.	84.	1.8	11.2	0.2	0.031	0.006
19 05 78	1145			.3		36323	6	1500.	152.	480.	13.0	10.8	0.2	0.009	0.004
29 06 78	1200			.3		36385	6	9000.	316.	56.	11.0	9.0	0.6	0.018	0.002
21 07 78	1245			.3		36449	6	13600E+1	2900.	960.	20.0	7.6	2.4	0.118	0.003
01 09 78	0905			.3		36500	6	100. L	32.	412.	14.0	10.2	0.2	0.007	0.002
29 09 78	1200			.3		36581	6	1900.	40.	84.	9.2	11.7	0.2	0.008	0.001L
29 11 78	1400			.3		36693	6	960.	32.	84.	3.0	13.8	0.8	0.011	0.003
14 12 78	0930			.3		36752	6	150.	20.	64.	1.9	8.8	1.4	0.007	0.003
MAXIMUM								13600E+1	2900.	960.	20.0	15.2	2.4	0.118	0.016
AVG OR GEOM MN (*)								1370.* D	75.*	95.*	7.4	11.3	0.6	0.024	0.005D
MINIMUM								100.	20.	2.	0.0	7.6	0.2	0.007	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
13 01 78	1000			.3		0.024	0.220	0.003	2.540	2.567	0.196	2.763	401.0	4.5	396
22 02 78	1635			.3		0.016	0.160	0.005	2.870	2.891	0.144	3.035	405.0	1.3	404
21 04 78	1130			.3		0.022	0.410	0.005	1.940	1.967	0.388	2.355	346.0	14.0	332
19 05 78	1145			.3		0.018	0.320	0.006	2.480	2.504	0.302	2.806	395.0	0.8	394
29 06 78	1200			.3		0.046	0.310	0.017	2.560	2.623	0.264	2.887	370.0	1.2	369
21 07 78	1245			.3		0.008	0.900	0.020	2.360	2.388	0.892	3.280	412.0	68.0	344
01 09 78	0905			.3		0.012	0.190	0.008	2.390	2.410	0.178	2.588	385.0	1.3	384
29 09 78	1200			.3		0.002L	0.260	0.006	2.590	2.598	0.258	2.856	385.0	2.0	383
29 11 78	1400			.3		0.008	0.220	0.004	2.950	2.962	0.212	3.174	421.0	3.0	418
14 12 78	0930			.3		0.014	0.230	0.005	2.850	2.869	0.216	3.085	406.0	0.5	405
MAXIMUM						0.046	0.900	0.020	2.950	2.962	0.892	3.280	421.0	68.0	418
AVG OR GEOM MN (*)						0.017D	0.322	0.008	2.553	2.578	0.305	2.883	392.6	9.7	383
MINIMUM						0.002	0.160	0.003	1.940	1.967	0.144	2.355	346.0	0.5	332
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
13 01 78	1000			.3		645	2.90	42.5
22 02 78	1635			.3		650	1.40	48.0
21 04 78	1130			.3		530	4.60	29.0
19 05 78	1145			.3		600	1.20	39.0
29 06 78	1200			.3		600	1.60	44.0
21 07 78	1245			.3		530	32.00	42.5
01 09 78	0905			.3		590	2.00	44.0
29 09 78	1200			.3		620	1.60	46.0
29 11 78	1400			.3		680	1.60	50.0
14 12 78	0930			.3		680	1.50	54.0
MAXIMUM						680	32.00	54.0
AVG OR GEOM MN (*)						613	5.04	43.9
MINIMUM						530	1.20	29.0
NO OF SAMPLES						10	10	10

B.O.W./ SITE: WILMOT CREEK
SAMPLE POINT: AT HIGHWAY 2, 2 MILES WEST OF NEWCASTLE
STATION TYPE: RIVER FLOW GAUGE FED 02HD009

STATION ID: 06-0117-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WILMOT CREEK

STORET CODE: 02
004
3490

STN NO: 3 LAT: LONG: U T M: 17 0691999.0 4864750.0 4 REGION: 03 MILEAGE: 0.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
13 01 78	1030			.3		36035	4	35.00	380.	36.	48.	0.0	14.4	0.2	0.030
22 02 78	1700			.3		36136	4	20.00	510.	8.	4. L	0.0	14.0	0.4	0.032
21 04 78	1150			.3		36257	6	121.00	1000.	20.	50.	1.0	11.2	0.4	0.063
19 05 78	1200			.3		36324	6	52.00	400.	68.	440.	12.0	11.0	0.2	0.027
29 06 78	1130			.3		36386	6	15.70	90.	4.	72.	12.4	9.6	0.2	0.008
21 07 78	1130			.3		36448	6	26.40	1600.	3040.	880.	21.0	8.5	1.0	0.126
01 09 78	0930			.3		36501	6	14.80	100. L	124.	476.	13.9	10.8	0.2	0.008
29 09 78	1230			.3		36582	6	18.10	17000.	8.	20.	9.8	12.3	0.2	0.004
27 10 78	1020			.3		36627	6	30.10	460.	60.	48.	5.5	12.2	0.6	0.009
29 10 78	1420			.3		36694	6	23.30	660.	32.	112.	0.8	14.9	0.8	0.050
14 12 78	0945			.3		36753	6	25.10	280.	20.	28.	0.2	9.9	2.2	0.016
MAXIMUM								121.00	17000.	3040.	880.	21.0	14.9	2.2	0.126
AVG OR GEOM MN (*)								34.68	557.* D	37.*	74.* D	7.0	11.7	0.6	0.034
MINIMUM								14.80	90.	4.	4.	0.0	8.5	0.2	0.004
NO OF SAMPLES								11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
13 01 78 1030			.3		0.006	0.014	0.230	0.002	1.910	1.926	0.216	2.142	324.0	8.8
22 02 78 1700			.3		0.017	0.010	0.230	0.004	1.750	1.764	0.220	1.984	321.0	8.8
21 04 78 1150			.3		0.009	0.020	0.520	0.006	1.670	1.696	0.500	2.196	325.0	42.0
19 05 78 1200			.3		0.005	0.024	0.410	0.006	1.340	1.370	0.386	1.756	332.0	12.0
29 06 78 1130			.3		0.001L	0.010	0.230	0.011	1.370	1.391	0.220	1.611	289.0	3.9
21 07 78 1130			.3		0.001	0.016	1.040	0.012	1.540	1.568	1.024	2.592	366.0	100.0
01 09 78 0930			.3		0.001	0.012	0.170	0.004	1.350	1.366	0.158	1.524	284.0	8.4
29 09 78 1230			.3		0.001L	0.002	0.190	0.003	1.250	1.255	0.188	1.443	289.0	2.6
27 10 78 1020			.3		0.001	0.004	0.290	0.003	0.950	0.957	0.286	1.243	322.0	2.9
29 10 78 1420			.3		0.002	0.010	0.460	0.003	1.500	1.513	0.450	1.963	347.0	46.0
14 12 78 0945			.3		0.005	0.016	0.240	0.003	1.550	1.569	0.224	1.793	318.0	6.0
MAXIMUM					0.017	0.024	1.040	0.012	1.910	1.926	1.024	2.592	366.0	100.0
AVG OR GEOM MN (*)					0.004D	0.013	0.365	0.005	1.471	1.489	0.352	1.841	319.7	21.9
MINIMUM					0.001	0.002	0.170	0.002	0.950	0.957	0.158	1.243	284.0	2.6
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
13 01 78 1030			.3		315		520	4.30	16.0
22 02 78 1700			.3		312		494	3.70	16.0
21 04 78 1150			.3		283		440	15.00	11.5
19 05 78 1200			.3		320		465	3.50	13.5
29 06 78 1130			.3		285		440	2.60	16.5
21 07 78 1130			.3			266	410	30.00	15.0
01 09 78 0930			.3			276	425	11.00	16.0
29 09 78 1230			.3		286		440	1.50	15.5
27 10 78 1020			.3		319		490	2.40	17.0
29 10 78 1420			.3		301		480	19.00	17.0
14 12 78 0945			.3		312		485	2.80	18.0
MAXIMUM					320	276	520	30.00	18.0
AVG OR GEOM MN (*)					304	271	463	8.71	15.6
MINIMUM					283	266	410	1.50	11.5
NO OF SAMPLES					9	2	11	11	11

B.O.W./ SITE: GRAHAM CREEK
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM LAKE ONTARIO,NEWCASTLE
STATION TYPE: RIVER FLOW GAUGE MOE 02HD105

STATION ID: 06-0118-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GRAHAM CREEK

STORET CODE: 02
004
3480

STN NO: 1 LAT: LONG: U T M: 17 0694075.0 4864050.0 4 REGION: 03 MILEAGE: 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1320			.3		36009	4	360.	84.	404.	0.0	7.0	0.6	0.044	0.005
20 02 78 1235			.3		36098	6	40.	4.	4. L	0.0	16.4	0.2	0.050	0.011
17 04 78 1445			.3		36214	6	44.	10.	30.	7.2	8.9	0.2	0.029	0.029
16 05 78 0900			.3		36281	6	600.	56.	60.	10.0	10.1	4.0	0.038	0.002
19 06 78 1430			.3		36343	6	60.	24.	16.	19.0	10.3	1.0	0.018	0.002
17 07 78 1400			.3		36405	6	140.	4. L	76.	24.8	6.5	0.4	0.010	0.003
01 09 78 0840			.3		36499	6	336.	180.	388.	15.0	10.5	0.2	0.009	0.004
25 09 78 1410			.3		36539	6	180.	20.	30.	16.0	11.3	0.2	0.008	0.003
27 10 78 0935			.3		36625	6	330.	52.	32.	5.2	12.1	0.6	0.014	0.002
29 11 78 1235			.3		36691	6	690.	12.	48.	1.0	15.1	0.8	0.021	0.006
11 12 78 1235			.3		36710	6	220.	4.	36.	0.5		0.4	0.012	0.003
MAXIMUM							690.	180.	404.	24.8	16.4	4.0	0.050	0.029
AVG OR GEOM MN (*)							187.*	20.* D	47.* D	9.0	10.8	0.8	0.023	0.006
MINIMUM							40.	4.	4.	0.0	6.5	0.2	0.008	0.002
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1320			.3		0.056	0.870	0.006	0.829	0.891	0.814	1.705	269.0	12.0	257
20 02 78 1235			.3		0.002L	0.380	0.012	0.965	0.979	0.378	1.357	323.0	37.0	286
17 04 78 1445			.3		0.016	0.400	0.005	0.520	0.541	0.384	0.925	256.0	12.0	
16 05 78 0900			.3		0.006	0.530	0.006	0.310	0.322	0.524	0.846	255.0	15.0	
19 06 78 1430			.3		0.026	0.420	0.008	0.415	0.449	0.394	0.843	258.0	8.0	
17 07 78 1400			.3		0.026	0.390	0.003	0.037	0.066	0.364	0.430	224.0	3.4	
01 09 78 0840			.3		0.018	0.280	0.003	0.205	0.226	0.262	0.488	257.0	2.8	
25 09 78 1410			.3		0.004	0.290	0.003	0.135	0.142	0.286	0.428	264.0	4.2	
27 10 78 0935			.3		0.010	0.370	0.004	0.360	0.374	0.360	0.734	303.0	7.5	295
29 11 78 1235			.3		0.004	0.390	0.004	0.681	0.689	0.386	1.075	308.0	10.0	298
11 12 78 1235			.3		0.006	0.340	0.004	0.666	0.676	0.334	1.010	335.0	4.9	328
MAXIMUM					0.056	0.870	0.012	0.965	0.979	0.814	1.705	335.0	37.0	328
AVG OR GEOM MN (*)					0.016D	0.424	0.005	0.466	0.487	0.408	0.895	277.5	10.6	293
MINIMUM					0.002	0.280	0.003	0.037	0.066	0.262	0.428	224.0	2.8	257
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	5

(C O N T D)

B.O.W./ SITE: GRAHAM CREEK
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM LAKE ONTARIO,NEWCASTLE
STATION TYPE: RIVER FLOW GAUGE MOE 02HD105
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GRAHAM CREEK
STATION ID: 06-0118-001-02
STORET CODE: 02 004 3480

STN NO: 1 LAT: LONG: U T M: 17 0694075.0 4864050.0 4 REGION: 03 MILEAGE: 0.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	1320			.3			395	8.50	13.0
20 02 78	1235			.3			455	7.90	9.2
17 04 78	1445			.3		244	375	5.10	8.6
16 05 78	0900			.3		240	370	5.30	5.9
19 06 78	1430			.3		250	385	2.10	7.7
17 07 78	1400			.3		221	340	2.50	12.0
01 09 78	0840			.3		254	390	1.50	9.0
25 09 78	1410			.3		260	400	3.00	8.7
27 10 78	0935			.3			470	5.10	11.5
29 11 78	1235			.3			460	5.20	11.0
11 12 78	1235			.3			485	2.50	14.5
MAXIMUM						260	485	8.50	14.5
AVG OR GEOM MN (*)						245	411	4.43	10.1
MINIMUM						221	340	1.50	5.9
NO OF SAMPLES						6	11	11	11

B.O.W./ SITE: GANARASKA RIVER
SAMPLE POINT: PETER STREET PORT HOPE
STATION TYPE: RIVER FLOW GAUGE FED 02HD003
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GANARASKA RIVER
STATION ID: 06-0129-001-02
STORET CODE: 02 004 3240

STN NO: 1 LAT: LONG: U T M: 17 0717300.0 4869525.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78	1040			.3		36013	4	480.	28.	124.	0.0	12.8	0.2	0.048	0.010
20 02 78	1320			.3		36099	6	380.	48.	20.	0.0	14.4	0.2	0.037	0.014
17 04 78	1527			.3		36215	6	210.	24.	28.	6.5	9.1	0.4	0.033	0.014
16 05 78	1045			.3		36282	6	400.	180.	36.	12.0	10.8	0.4	0.041	0.022
19 06 78	1530			.3		36344	6	20000E+1	100.	600. G	17.0	9.2	1.0	0.135	0.006
19 07 78	1100			.3		36417	6	600.	204.	60.	22.5	8.4	0.8	0.023	0.012
31 08 78	1600			.3		36498	6	90.	40.	70.	21.9	10.2	0.2	0.014	0.003
25 09 78	1510			.3		36540	6	210.	60.	70.	15.0	11.2	0.2	0.011	0.001
27 10 78	0905			.3		36624	6	340.	50.	100.	5.5	12.6	0.8	0.020	0.002
29 11 78	1308			.3		36692	6	640.	48.	68.	1.0	15.5	0.4	0.044	0.007
11 12 78	1250			.3		36711	6	390.	44.	236.	0.5		0.2	0.029	0.004
MAXIMUM								20000E+1	204.	600.	22.5	15.5	1.0	0.135	0.022
AVG OR GEOM MN (*)								589.*	59.*	79.* U	9.3	11.4	0.4	0.040	0.009
MINIMUM								90.	24.	20.	0.0	8.4	0.2	0.011	0.001
NO OF SAMPLES								11	11	11	11	10	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78	1040			.3		0.036	0.390	0.007	1.310	1.353	0.354	1.707	287.0	14.0	273
20 02 78	1320			.3		0.036	0.300	0.006	0.605	0.647	0.264	0.911	291.0	17.0	
17 04 78	1527			.3		0.014	0.320	0.005	0.710	0.729	0.306	1.035	264.0	14.0	
16 05 78	1045			.3		0.010	0.570	0.009	0.645	0.664	0.560	1.224	283.0	17.0	
19 06 78	1530			.3		0.028	0.750	0.012	0.420	0.460	0.722	1.182	240.0	8.7	
19 07 78	1100			.3		0.084	0.350	0.008	0.312	0.404	0.266	0.670	209.0	5.4	
31 08 78	1600			.3		0.008	0.240	0.004	0.200	0.212	0.232	0.444	217.0	8.7	
25 09 78	1510			.3		0.004	0.190	0.003	0.275	0.282	0.186	0.468	258.0	27.0	231
27 10 78	0905			.3		0.010	0.260	0.006	0.410	0.426	0.250	0.676	276.0	11.0	
29 11 78	1308			.3		0.022	0.480	0.006	0.809	0.837	0.458	1.295	328.0	23.0	305
11 12 78	1250			.3		0.016	0.29	0.007	0.988	1.011	0.274	1.285	326.	6.7	319
MAXIMUM						0.084	0.750	0.012	1.310	1.353	0.722	1.707	328.0	27.0	319
AVG OR GEOM MN (*)						0.024	0.376	0.007	0.608	0.639	0.352	0.991	270.8	13.9	282
MINIMUM						0.004	0.190	0.003	0.200	0.212	0.186	0.444	209.0	5.4	231
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
11 01 78	1040			.3			457	5.60	12.5	28.0	4.30	7.79	0.390	1.0L	4.0
20 02 78	1320			.3		274	421	7.20	5.9	24.5	5.70	8.01	0.590	1.0L	5.0
17 04 78	1527			.3		250	385	5.60	7.2	22.0	3.15	8.33	0.410	1.0L	3.0
16 05 78	1045			.3		266	410	8.20	9.3	22.0	3.75	8.24	0.510	3.0	4.9
19 06 78	1530			.3		231	355	4.00	6.1	18.5	3.25	8.36	2.000	1.0L	2.2
19 07 78	1100			.3		204	315	6.20	5.0	19.5	4.35	8.42	0.260	12.0	2.5
31 08 78	1600			.3		208	320	6.00	4.6	18.5	4.75	8.50	0.180	1.0L	2.2
25 09 78	1510			.3			355	5.50	5.6	20.5	4.10	8.32	0.140	1.0L	3.0
27 10 78	0905			.3		265	410	3.4	6.5	24.5	4.95	7.91	0.32	1.	4.
29 11 78	1308			.3			450	7.90	12.0	26.5	5.40	8.14	0.890	1.0L	2.6
11 12 78	1250			.3			510	4.1	12.5	28.5	6.1	7.94	0.46	1. L	2.8
MAXIMUM						274	510	8.20	12.5	28.5	6.1	8.50	2.000	12.0	5.0
AVG OR GEOM MN (*)						243	399	5.79	7.9	23.0	4.53	8.18	0.559	2.20	3.3
MINIMUM						204	315	3.4	4.6	18.5	3.15	7.79	0.140	1.0	2.2
NO OF SAMPLES						7	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 01 78 1040			.3		29									
20 02 78 1320			.3		15									
17 04 78 1527			.3		22	1	0.001	1.400	0.010L	0.010	0.030L	0.005L	0.010L	0.020L
16 05 78 1045			.3		33	0	0.001	0.01	0.020L	0.010L	0.030L	0.005L	0.010	0.020L
19 06 78 1530			.3		20									
19 07 78 1100			.3		17									
31 08 78 1600			.3		16	0								
25 09 78 1510			.3		20	2	0.001	0.23	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
27 10 78 0905			.3		30									
29 11 78 1308			.3		34			0.120						
11 12 78 1250			.3		10L	1	0.001	0.24	0.02 L	0.02 L	0.03 L	0.005L	0.01 L	0.02 L
MAXIMUM					34	2	0.001	1.400	0.020	0.02	0.030	0.005	0.010	0.020,
AVG OR GEOM MN (*)					22D	1	0.001	0.400	0.018D	0.013D	0.030D	0.005D	0.010D	0.020D
MINIMUM					10	0	0.001	0.01	0.010	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					11	5	4	5	4	4	4	4	4	4

B.O.W./ SITE: GAGE CREEK
SAMPLE POINT: HIGHWAY 2, 1MILE EAST OF PORT HOPE
STATION TYPE: RIVER FLOW GAUGE MOE 02HD104

STATION ID: 06-0130-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GAGE CREEK

STORET CODE: 02
004
3230

STN NO: 1 LAT: LONG: U T M: 17 0719350.0 4870460.0 4 REGION: 03 MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 1055			.3		36014	4	400.	24.	192.	0.0	12.2	0.2	0.040	0.017
20 02 78 1330			.3		36100	4	1000. L	136.	8.	0.0	11.6	5.5	0.032	0.013
17 04 78 1340			.3		36216	6	180.	4. L	600. G	6.5	9.1	0.5	0.070	
16 05 78 1125			.3		36283	6	2100.	396.	60.	9.9	10.9	0.4	0.056	0.009
19 06 78 1548			.3		36345	6	8700.	600. G	600. G	17.8	9.9	2.0	0.043	0.005
19 07 78 1130			.3		36418	6 8	8.	4. L	8.	23.0	8.6	0.8	0.023	0.009
31 08 78 1530			.3		36497	6 8	610.	132.	152.	25.4	12.3	0.2	0.021	0.003
25 09 78 1530			.3		36541	6	180.	16.	16.	17.0	11.6	0.4	0.013	0.002
27 10 78 0845			.3		36623	6	1000. L	400.	600. G	5.2	12.1	1.0	0.035	0.004
14 11 78 1210			.3		36643	6	32000.	13000.	600. G	8.5	12.4	3.2	0.176	0.007
11 12 78 1310			.3		36712	4	340.	68.	156.	0.5		0.4	0.042	0.007
MAXIMUM							32000.	13000.	600.	25.4	12.4	5.5	0.176	0.017
AVG OR GEOM MN (*)							672.* D	99.* E	112.* U	10.3	11.1	1.3	0.050	0.008
MINIMUM							8.	4.	8.	0.0	8.6	0.2	0.013	0.002
NO OF SAMPLES							11	11	11	11	10	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 1055			.3		0.036	0.410	0.007	1.670	1.713	0.374	2.087	337.0	5.6	330
20 02 78 1330			.3		0.046	0.300	0.007	0.775	0.828	0.254	1.082	375.0	16.0	359
17 04 78 1340			.3		0.052	0.470	0.011	0.965	1.028	0.418	1.446	327.0	14.0	313
16 05 78 1125			.3		0.012	0.540	0.011	0.960	0.983	0.528	1.511	364.0	17.0	347
19 06 78 1548			.3		0.042	0.500	0.012	0.250	0.304	0.458	0.762	246.0	19.0	
19 07 78 1130			.3		0.060	0.390	0.003	0.037	0.100	0.330	0.430	243.0	22.0	
31 08 78 1530			.3		0.008	0.350	0.003	0.005L	0.016	0.342	0.358	204.0	7.9	
25 09 78 1530			.3		0.004	0.270	0.001	0.005L	0.010	0.266	0.276	240.0	2.5	
27 10 78 0845			.3		0.010	0.430	0.007	0.420	0.437	0.420	0.857	350.0	13.0	337
14 11 78 1210			.3		0.038	1.360	0.019	0.756	0.813	1.322	2.135	380.0	100.0	280
11 12 78 1310			.3		0.028	0.430	0.008	1.040	1.076	0.402	1.478	65.0	17.0	
MAXIMUM					0.060	1.360	0.019	1.670	1.713	1.322	2.135	380.0	100.0	359
AVG OR GEOM MN (*)					0.031	0.495	0.008	0.626D	0.664	0.465	1.129	284.6	21.3	328
MINIMUM					0.004	0.270	0.001	0.005	0.010	0.254	0.276	65.0	2.5	280
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78 1055			.3			550	3.30	12.0
20 02 78 1330			.3			585	7.30	19.5
17 04 78 1340			.3			475	6.40	9.6
16 05 78 1125			.3			540	7.80	12.5
19 06 78 1548			.3		227	350	6.80	4.5
19 07 78 1130			.3		221	340	3.60	5.2
31 08 78 1530			.3		196	300	2.60	4.4
25 09 78 1530			.3		237	365	2.80	8.6
27 10 78 0845			.3			550	7.40	15.0
14 11 78 1210			.3			520	35.00	17.0
11 12 78 1310			.3		48	74	7.50	43.5
MAXIMUM					237	585	35.00	43.5
AVG OR GEOM MN (*)					186	423	8.23	13.8
MINIMUM					48	74	2.60	4.4
NO OF SAMPLES					5	11	11	11

```
 B.O.W./ SITE: COBOURG BROOK                                                                STATION ID:  06-0133-001-02
 SAMPLE POINT: KING STREET COUBOURG
 STATION TYPE: RIVER   FLOW GAUGE MOE 02HD103          MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                       MINOR BASIN: LAKE ONTARIO                                             004
                                                       TERM STREAM: COBOURG BROOK                                            3180

STN NO:     1    LAT:             LONG:                 U T M: 17 0726150.0 4870975.0 4    REGION: 03            MILEAGE:     0.40

                                          934       901        80         81        84        805          3         1         33         34
SAMP DTE HOUR   STN  STN SAMP  PJ       SAMPLE       SCD      TOTAL      FECAL     M.F.      WATER       DISS.     5-DAY      TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO              COLIFORM  COLIFORM    ENTER.      TEMP.        O2        BOD          P  REACTIVE
                FEET      MTRS                             MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L      MG/L       MG/L    P MG/L

11 01 78 1130               .3          36015    6           30.        2.  L   32.           2.0       13.2       1.0      0.164     0.064
20 02 78 1400               .3          36101    6           10.        4.  L    4.  L        1.5       11.2       0.8      0.240     0.200
17 04 78 1615               .3          36217    6            4.  L     4.  L    4.  L        7.5       10.2       0.4      0.250     0.190
16 05 78 1220               .3          36284    6            4.  L     4.  L    4.  L       10.0       10.6       0.4      0.065     0.027
19 06 78 1610               .3          36346    6          190.        8.       8.          17.2       10.2       3.0      0.141     0.083
19 07 78 1230               .3          36419    6         4000.      260.       4.          24.0        9.2       2.2      1.500     1.450
31 08 78 1425               .3          36496    6            4.  L     2.  L    2.  L       22.0       10.9       0.8      0.240     0.169
25 09 78 1615               .3          36542    6           10.  L    10.  L   10.  L       16.2       12.3       0.2      0.270     0.231
27 10 78 0815               .3          36622    6           10.  L     4.  L    4.  L        7.0       11.9       1.0      0.082     0.016
14 11 78 1235               .3          36644    6         1060.      102.     300.  G        8.8       12.7       3.2      0.306     0.006
11 12 78 1320               .3          36713    6          100.        4.  L    4.  L        2.3                  6.0      0.203     0.073

                       MAXIMUM                             4000.      260.     300.          24.0       13.2       6.0      1.500     1.450
              AVG OR GEOM MN (*)                             37.* D     8.* D    8.* E       10.8       11.2       1.7      0.315     0.228
                       MINIMUM                                4.        2.       2.           1.5        9.2       0.2      0.065     0.006

                 NO OF SAMPLES                                11        11       11           11         10        11         11        11

                                          19        20         21         22        17         18         23         5          6          7
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED     TOTAL   FILTERED  FILTERED    INRGNC      TOTAL    TOTAL N     TOTAL      SUSP.      DISS.
DY MO YR LMT    DIST BRG DEPTH        AMMONIA  KJELDAHL   NO2-N     NO3-N            N  ORGNC  N               SOLIDS     SOLIDS     SOLIDS
                FEET      MTRS           MG/L      MG/L   MG/L      MG/L          MG/L       MG/L       MG/L      MG/L       MG/L       MG/L

11 01 78 1130               .3          0.136     1.270     0.010     0.980     1.126      1.134      2.260     353.0        7.6        345
20 02 78 1400               .3          0.348     0.800     0.009     0.795     1.152      0.452      1.604     328.0       16.0        312
17 04 78 1615               .3          1.180     1.770     0.045     0.780     2.005      0.590      2.595     307.0       11.0        296
16 05 78 1220               .3          0.090     1.430     0.035     0.705     0.830      1.340      2.170     354.0       10.0        344
19 06 78 1610               .3          0.650     1.100     0.015     0.450     1.115      0.450      1.565     285.0       31.0        254
19 07 78 1230               .3          0.012     0.610     0.007     0.168     0.187      0.598      0.785     294.0        5.3        289
31 08 78 1425               .3          0.870     2.000     0.034     0.235     1.139      1.130      2.269     496.0       12.0        484
25 09 78 1615               .3          1.510     2.050     0.165     2.330     4.005      0.540      4.545     347.0        6.1        341
27 10 78 0815               .3          0.292     1.150     0.025     0.505     0.822      0.858      1.680     435.0       37.0        398
14 11 78 1235               .3          0.024     1.140     0.007     0.718     0.749      1.116      1.865     573.0      318.0        255
11 12 78 1320               .3          3.100     3.950     0.025     0.740     3.865      0.850      4.715     396.0       34.0        362

                       MAXIMUM          3.100     3.950     0.165     2.330     4.005      1.340      4.715     573.0      318.0        484
              AVG OR GEOM MN (*)        0.747     1.570     0.034     0.764     1.545      0.823      2.368     378.9       44.4        335
                       MINIMUM          0.012     0.610     0.007     0.168     0.187      0.450      0.785     285.0        5.3        254

                 NO OF SAMPLES             11        11        11        11        11         11         11        11         11         11

                                          14        16         56
SAMP DTE HOUR   STN  STN SAMP  PJ       COND.     TURB.   CHLORIDE
DY MO YR LMT    DIST BRG DEPTH            25C  FORMAZIN       MG/L
                FEET      MTRS          UMHOS     UNITS

11 01 78 1130               .3            585      3.70       37.5
20 02 78 1400               .3            515      5.40       22.0






17 04 78 1615               .3            480      5.00       26.0
16 05 78 1220               .3            560      4.60       38.0
19 06 78 1610               .3            430      8.30       18.0
19 07 78 1230               .3            450      3.40       45.0
31 08 78 1425               .3            740      4.50      110.0
25 09 78 1615               .3            540      3.20       44.0
27 10 78 0815               .3            660     15.00       66.0
14 11 78 1235               .3            455     40.00       17.0
11 12 78 1320               .3            610      7.60       37.5

                       MAXIMUM            740     40.00      110.0
              AVG OR GEOM MN (*)          548      9.16       41.9
                       MINIMUM            430      3.20       17.0

                 NO OF SAMPLES             11        11         11


 B.O.W./ SITE: BROOKSIDE CREEK                                                              STATION ID:  06-0139-002-02
 SAMPLE POINT: HIGHWAY 2 1.5 MILES EAST OF BROOKSIDE
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                       MINOR BASIN: LAKE ONTARIO                                             004
                                                       TERM STREAM: BROOKSIDE CREEK                                          3090

STN NO:     2    LAT:             LONG:                 U T M: 17 0734750.0 4873775.0 4    REGION: 03            MILEAGE:     1.70

                                          934       901        80         81        84        805          3         1         33         34
SAMP DTE HOUR   STN  STN SAMP  PJ       SAMPLE       SCD      TOTAL      FECAL     M.F.      WATER       DISS.     5-DAY      TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO              COLIFORM  COLIFORM    ENTER.      TEMP.        O2        BOD          P  REACTIVE
                FEET      MTRS                             MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L      MG/L       MG/L    P MG/L

11 01 78 1150               .3          36016    4          640.       50.     192.           0.0       13.2       0.8      0.033     0.011
20 02 78 1415               .3          36102    4           40.        8.       4.           0.0       12.0       0.2      0.014     0.014
18 04 78 1100               .3          36218    6           56.        2.     108.           4.0       10.8       0.4      0.017     0.007
16 05 78 1246               .3          36285    6           88.       30.      12.           9.0       10.0       0.2      0.018     0.007
20 06 78 1410               .3          36347    6                                           12.8        9.8       1.0      0.021     0.005
19 07 78 1300               .3          36420    6           36.        6.     216.          22.0        9.6       0.4      0.038     0.021
31 08 78 1350               .3          36495    6          600.  G   300.  G  300.  G       19.3       11.3       1.0      0.038     0.021
26 09 78 0905               .3          36543    6         3000.     1390.      60.           7.0       13.1       0.8      0.053     0.024
26 10 78 1600               .3          36621    6        53000.     6700.    1500.  G        8.0       11.9       0.6      0.054     0.022
14 11 78 1330               .3          36645    6         5400.     1700.    3200.           9.0       12.1       1.0      0.148     0.014
13 12 78 1630               .3          36751    4         1800.      100.     200.           0.9       10.2       0.4      0.049     0.016

                       MAXIMUM                            53000.     6700.    3200.          22.0       13.2       1.0      0.148     0.024
              AVG OR GEOM MN (*)                            579.* U    96.* U  144.* U        8.4       11.3       0.6      0.044     0.015
                       MINIMUM                               36.        2.       4.           0.0        9.6       0.2      0.014     0.005

                 NO OF SAMPLES                                10        10       10           11         11        11         11        11
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 1150			.3		0.026	0.300	0.004	1.320	1.350	0.274	1.624	336.0	19.0	317
20 02 78 1415			.3		0.006	0.290	0.004	0.835	0.845	0.284	1.129	338.0	4.6	333
18 04 78 1100			.3		0.012	0.260	0.005	0.975	0.992	0.248	1.240	299.0	3.8	295
16 05 78 1246			.3		0.014	0.410	0.006	0.820	0.840	0.396	1.236	328.0	4.2	324
20 06 78 1410			.3		0.024	0.340	0.009	0.480	0.513	0.316	0.829	301.0	2.6	298
19 07 78 1300			.3		0.024	0.370	0.007	0.168	0.199	0.346	0.545	291.0	7.7	283
31 08 78 1350			.3		0.014	0.320	0.003	0.095	0.112	0.306	0.418	378.0	6.0	372
26 09 78 0905			.3		0.012	0.510	0.003	0.220	0.235	0.498	0.733	365.0	2.0	363
26 10 78 1600			.3		0.017	0.380	0.007	0.185	0.209	0.363	0.572	375.0	10.0	365
14 11 78 1330			.3		0.006	0.620	0.007	0.508	0.521	0.614	1.135	380.0	51.0	329
13 12 78 1630			.3		0.034	0.370	0.007	0.853	0.894	0.336	1.230	352.0	6.0	346
MAXIMUM					0.034	0.620	0.009	1.320	1.350	0.614	1.624	380.0	51.0	372
AVG OR GEOM MN (*)					0.017	0.379	0.006	0.587	0.610	0.362	0.972	340.3	10.6	330
MINIMUM					0.006	0.260	0.003	0.095	0.112	0.248	0.418	291.0	2.0	283
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78 1150			.3		540	4.80	26.0
20 02 78 1415			.3		545	2.60	23.5
18 04 78 1100			.3		470	1.20	17.5
16 05 78 1246			.3		510	2.10	22.0
20 06 78 1410			.3		485	1.20	22.5
19 07 78 1300			.3		445	3.10	21.0
31 08 78 1350			.3		570	0.55	49.5
26 09 78 0905			.3		600	1.20	42.5
26 10 78 1600			.3		600	3.60	40.0
14 11 78 1330			.3		570	15.00	43.0
13 12 78 1630			.3		570	3.60	36.5
MAXIMUM					600	15.00	49.5
AVG OR GEOM MN (*)					537	3.54	31.3
MINIMUM					445	0.55	17.5
NO OF SAMPLES					11	11	11

B.O.W./ SITE: SHELTER VALLEY BROOK
SAMPLE POINT: AT CONCESSION ROAD SOUTH OF GRAFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HD010

STATION ID: 06-0142-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SHELTER VALLEY BROOK

STORET CODE: 02
004
3060

STN NO: 1 LAT: LONG: U T M: 17 0740100.0 4873350.0 4 REGION: 03 MILEAGE: 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
11 01 78 1200			.3		36017	4	39.90	180.	20.	144.	0.0	12.8	1.2	0.028
20 02 78 1435			.3		36103	4	17.30	20.	10.	4.	0.0	12.0	0.5	0.039
18 04 78 1120			.3		36219	6	69.20	152.	6.	190.	5.0	10.8	0.4	0.034
16 05 78 1305			.3		36286	6	51.70	400.	178.	28.	10.0	10.7	0.2	0.035
20 06 78 1340			.3		36348	6	14.60				11.8	11.1	0.8	0.015
19 07 78 1320			.3		36421	6	14.50	20.	12.	4.	21.5	9.5	0.5	0.053
31 08 78 1330			.3		36494	6	15.60	30.	4.	8.	18.2	11.2	0.2	0.012
26 09 78 0945			.3		36544	6	17.10	10. L	4. L	4. L	7.0	12.3	0.2	0.006
26 10 78 1538			.3		36620	6	25.20	448.	52.	70.	8.5	11.3	0.4	0.012
14 11 78 1400			.3		36646	6	47.30	900.	192.	236.	8.5	12.0	1.0	0.076
13 12 78 1608			.3		36750	6	19.40	164.	16.	40.	1.9	9.1	0.8	0.030
MAXIMUM							69.20	900.	192.	236.	21.5	12.8	1.2	0.076
AVG OR GEOM MN (*)							30.16	99.* D	19.* D	28.* D	8.4	11.2	0.6	0.031
MINIMUM							14.50	10.	4.	4.	0.0	9.1	0.2	0.006
NO OF SAMPLES							11	10	10	10	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
11 01 78 1200			.3		0.007	0.032	0.240	0.004	0.756	0.792	0.208	1.000	269.0	7.2
20 02 78 1435			.3		0.005	0.134	0.210	0.006	0.135	0.275	0.076	0.351	277.0	11.0
18 04 78 1120			.3		0.006	0.014	0.350	0.006	0.755	0.775	0.336	1.111	244.0	13.0
16 05 78 1305			.3		0.006	0.014	0.360	0.007	0.520	0.541	0.346	0.887	362.0	12.0
20 06 78 1340			.3		0.001	0.010	0.280	0.006	0.465	0.481	0.270	0.751	259.0	5.6
19 07 78 1320			.3		0.012	0.010	0.280	0.005	0.135	0.150	0.270	0.420	252.0	15.0
31 08 78 1330			.3		0.002	0.014	0.240	0.003	0.300	0.317	0.226	0.543	249.0	5.3
26 09 78 0945			.3		0.005	0.042	0.200	0.003	0.405	0.450	0.158	0.608	272.0	2.0
26 10 78 1538			.3		0.003	0.006	0.200	0.003	0.480	0.489	0.194	0.683	276.0	5.7
14 11 78 1400			.3		0.003	0.008	0.640	0.008	0.737	0.753	0.632	1.385	296.0	36.0
13 12 78 1608			.3		0.003	0.010	0.250	0.005	0.790	0.805	0.240	1.045	286.0	16.0
MAXIMUM					0.012	0.134	0.640	0.008	0.790	0.805	0.632	1.385	362.0	36.0
AVG OR GEOM MN (*)					0.005	0.027	0.295	0.005	0.498	0.530	0.269	0.799	276.5	11.7
MINIMUM					0.001	0.006	0.200	0.003	0.135	0.150	0.076	0.351	244.0	2.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

B.O.W./ SITE: SHELTER VALLEY BROOK
SAMPLE POINT: AT CONCESSION ROAD SOUTH OF GRAFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HD010

STATION ID: 06-0142-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SHELTER VALLEY BROOK

STORET CODE: 02
004
3060

STN NO: 1 LAT: LONG: U T M: 17 0740100.0 4873350.0 4 REGION: 03 MILEAGE: 1.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	1200			.3		262		435	2.20	7.5
20 02 78	1435			.3		266		435	3.80	5.7
18 04 78	1120			.3			231	355	3.30	5.1
16 05 78	1305			.3			250	385	2.40	6.2
20 06 78	1340			.3			253	390	1.40	5.5
19 07 78	1320			.3			237	355	4.40	5.6
31 08 78	1330			.3			244	380	2.70	6.0
26 09 78	0945			.3			270	415	1.40	5.7
26 10 78	1538			.3			270	415	2.40	6.7
14 11 78	1400			.3		260		400	13.00	6.4
13 12 78	1608			.3		270		425	3.80	6.4
MAXIMUM						270	270	435	13.00	7.5
AVG OR GEOM MN (*)						265	251	399	3.71	6.1
MINIMUM						260	231	355	1.40	5.1
NO OF SAMPLES						4	7	11	11	11

B.O.W./ SITE: COLBORNE CREEK
SAMPLE POINT: AT BRIDGE IN LAKEPORT
STATION TYPE: RIVER FLOW GAUGE MOE 02HD102

STATION ID: 06-0146-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: COLBORNE CREEK

STORET CODE: 02
004
2990

STN NO: 1 LAT: LONG: U T M: 18 0267350.0 4874350.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78	1225			.3		36018	4				0.0	9.6	0.2	0.055	0.033
20 02 78	1500			.3		36104	4 O	5100.	510.	4. L	0.0	13.2	0.4	0.055	0.015
18 04 78	1140			.3		36220	6	160.	10. L	24.	5.0	11.3	0.8	0.033	0.010
16 05 78	1375			.3		36287	6	5600.	92.	40.	10.5	11.2	0.2	0.034	0.011
20 06 78	1300			.3		36349	6				10.5	10.6	1.0	0.061	0.027
19 07 78	1345			.3		36422	6	1100.	520.	140.	21.5	10.2	0.8	0.056	0.025
31 08 78	1308			.3		36493	6	12700.	356.	88.	19.0	11.2	0.8	0.083	0.045
26 09 78	1005			.3		36545	6	900.	10. L	30.	7.5	12.8	0.4	0.073	0.042
26 10 78	1520			.3		36619	6	6400.	176.	264.	8.0	11.8	4.4	0.649	0.037
14 11 78	1420			.3		36647	6	3200.	480.	600. G	9.0	11.9	1.4	0.128	0.019
13 12 78	1545			.3		36749	6	3300.	270.	950.	1.7	9.2	0.6	0.083	0.047
MAXIMUM								12700.	520.	950.	21.5	13.2	4.4	0.649	0.047
AVG OR GEOM MN.(*)								2505.*	139.* D	84.* E	8.4	11.2	1.0	0.119	0.028
MINIMUM								160.	10.	4.	0.0	9.2	0.2	0.033	0.010
NO OF SAMPLES								9	9	9	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78	1225			.3		0.080	0.410	0.005	0.815	0.900	0.330	1.230	298.0	4.0	294
20 02 78	1500			.3		0.030	0.360	0.008	0.952	0.990	0.330	1.320	300.0	8.9	291
18 04 78	1140			.3		0.020	0.320	0.007	0.715	0.742	0.300	1.042	277.0	5.4	272
16 05 78	1375			.3		0.002	0.430	0.006	0.450	0.458	0.428	0.886	303.0	5.5	297
20 06 78	1300			.3		0.056	0.430	0.014	0.695	0.765	0.374	1.139	270.0	9.1	261
19 07 78	1345			.3		0.016	0.370	0.004	0.261	0.281	0.354	0.635	249.0	8.6	
31 08 78	1308			.3		0.030	0.360	0.012	0.535	0.577	0.330	0.907	271.0	8.0	
26 09 78	1005			.3		0.020	0.330	0.008	0.645	0.673	0.310	0.983	280.0	8.2	278
26 10 78	1520			.3		0.019	2.910	0.011	0.535	0.565	2.891	3.456	360.0	66.0	294
14 11 78	1420			.3		0.038	0.900	0.009	0.661	0.708	0.862	1.570	356.0	59.0	297
13 12 78	1545			.3		0.142	0.490	0.009	0.816	0.967	0.348	1.315	328.0	12.0	316
MAXIMUM						0.142	2.910	0.014	0.952	0.990	2.891	3.456	360.0	66.0	316
AVG OR GEOM MN (*)						0.041	0.665	0.008	0.644	0.693	0.623	1.317	299.3	17.7	289
MINIMUM						0.002	0.320	0.004	0.261	0.281	0.300	0.635	249.0	4.0	261
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	1225			.3			501	1.70	27.5
20 02 78	1500			.3			480	3.90	19.0
18 04 78	1140			.3			430	2.50	17.5
16 05 78	1375			.3			460	2.00	22.5
20 06 78	1300			.3			430	3.40	15.5
19 07 78	1345			.3		240	370	4.80	11.0
31 08 78	1308			.3		263	405	4.00	15.0
26 09 78	1005			.3			440	4.00	15.5
26 10 78	1520			.3			485	5.90	24.5
14 11 78	1420			.3			520	20.00	31.0
13 12 78	1545			.3			520	4.80	28.5
MAXIMUM						263	520	20.00	31.0
AVG OR GEOM MN (*)						252	458	5.18	20.7
MINIMUM						240	370	1.70	11.0
NO OF SAMPLES						2	11	11	11

B.O.W./ SITE: SALEM CREEK
SAMPLE POINT: FIRST ROAD UPSTREAM FROM LAKE ONTARIO
STATION TYPE: RIVER FLOW GAUGE MOE 02HD101

STATION ID: 06-0148-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALEM CREEK

STORET CODE: 02
004
2950

STN NO: 1 LAT: LONG: U T M: 18 0272500.0 4876060.0 4 REGION: 03 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 1250			.3		36019	4				0.0	12.4	0.2	0.023	0.008
20 02 78 1315			.3		36105	4	44.	2. L	4.	0.0	12.4	0.4	0.020	0.014
18 04 78 1310			.3		36221	6	2200.	2. L	300. G	6.5	12.3	0.8	0.023	0.001
16 05 78 1400			.3		36288	6	260.	8.	52.	11.0	11.2	0.2	0.039	0.002
20 06 78 1230			.3		36350	6				11.5	10.2	1.4	0.044	0.003
19 07 78 1400			.3		36423	6	500.	120.	60.	22.0	8.2	1.2	0.046	0.004
31 08 78 1245			.3		36492	6	180.	10.	30.	15.0	11.1	0.4	0.022	0.008
26 09 78 1030			.3		36546	6	270.	16.	8.	10.5	11.6	0.5	0.027	0.004
26 10 78 1420			.3		36618	6	5600.	52.	96.	8.2	11.7	1.6	0.032	0.005
14 11 78 1440			.3		36648	6	500.	96.	288.	9.5	12.6	0.8	0.056	0.003
13 12 78 1530			.3		36748	6	100.	4.	24.	2.0	9.8	0.8	0.027	0.006
MAXIMUM							5600.	120.	300.	22.0	12.6	1.6	0.056	0.014
AVG OR GEOM MN (*)							382.*	13.* D	44.* U	8.7	11.2	0.8	0.033	0.005
MINIMUM							44.	2.	4.	0.0	8.2	0.2	0.020	0.001
NO OF SAMPLES							9	9	9	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 1250			.3		0.042	0.250	0.005	0.920	0.967	0.208	1.175	279.0	7.4	
20 02 78 1315			.3		0.046	0.210	0.008	0.805	0.859	0.164	1.023	281.0	4.0	277
18 04 78 1310			.3		0.006	0.320	0.007	0.835	0.848	0.314	1.162	258.0	1.4	
16 05 78 1400			.3		0.006	0.380	0.009	0.670	0.685	0.374	1.059	265.0	5.3	
20 06 78 1230			.3		0.038	0.470	0.017	0.775	0.830	0.432	1.262	282.0	16.0	
19 07 78 1400			.3		0.046	0.490	0.011	0.464	0.521	0.444	0.965	283.0	20.0	
31 08 78 1245			.3		0.006	0.240	0.005	1.520	1.531	0.234	1.765	317.0	7.9	309
26 09 78 1030			.3		0.018	0.330	0.007	0.945	0.970	0.312	1.282	279.0	8.1	271
26 10 78 1420			.3		0.006	0.380	0.004	1.130	1.140	0.374	1.514	319.0	25.0	294
14 11 78 1440			.3		0.008	0.420	0.008	0.697	0.713	0.412	1.125	298.0	31.0	267
13 12 78 1530			.3		0.056	0.310	0.008	1.240	1.304	0.254	1.558	294.0	8.0	286
MAXIMUM					0.056	0.490	0.017	1.520	1.531	0.444	1.765	319.0	31.0	309
AVG OR GEOM MN (*)					0.025	0.345	0.008	0.909	0.943	0.320	1.263	286.8	12.2	284
MINIMUM					0.006	0.210	0.004	0.464	0.521	0.164	0.965	258.0	1.4	267
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78 1250			.3		272	418	2.30	13.5
20 02 78 1315			.3			455	1.90	16.5
18 04 78 1310			.3		257	395	1.70	13.0
16 05 78 1400			.3		260	400	1.70	12.5
20 06 78 1230			.3		266	410	2.90	20.0
19 07 78 1400			.3		263	405	4.80	19.5
31 08 78 1245			.3			440	1.70	20.0
26 09 78 1030			.3			440	2.80	18.0
26 10 78 1420			.3			475	4.00	19.5
14 11 78 1440			.3			410	11.00	6.6
13 12 78 1530			.3			455	3.10	18.5
MAXIMUM					272	475	11.00	20.0
AVG OR GEOM MN (*)					264	428	3.45	16.1
MINIMUM					257	395	1.70	6.6
NO OF SAMPLES					5	11	11	11

B.O.W./ SITE: PROCTORS CREEK
SAMPLE POINT: ROAD TO HIGHWAY 33, BRIGHTON
STATION TYPE: RIVER FLOW GAUGE MOE 02HD100

STATION ID: 06-0151-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PROCTORS CREEK

STORET CODE: 02
004
2820

STN NO: 1 LAT: LONG: U T M: 18 0281675.0 4878350.0 4 REGION: 03 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 1320			.3		36020	4	3300.	60.	84.	0.0	14.2	0.2	0.032	0.012
21 02 78 0935			.3		36106	4	590.	160.	64.	0.0	11.6	0.8	0.015	0.015
18 04 78 1332			.3		36222	6	40.	4. L	12.	5.1	11.2	1.0	0.016	0.004
16 05 78 1430			.3		36289	6	4600.	222.	32.	11.1	11.6	0.2	0.021	0.020
20 06 78 1145			.3		36351	6				10.0	11.2	1.0	0.015	0.002
19 07 78 1430			.3		36424	6 8 9	900.	24.	56.	22.0	10.2	0.4	0.014	0.003
26 09 78 1110			.3		36547	6	710.	18.	32.	9.2	13.5	0.2	0.025	0.002
26 10 78 1400			.3		36617	6	37000.	300.	300. G	8.2	11.1	2.0	0.040	0.008
14 11 78 1500			.3		36649	6	3400.	1080.	970.	8.0	11.8	0.8	0.122	0.024
13 12 78 1200			.3		36747		1300.	20.	130.			0.4	0.037	0.006
MAXIMUM							37000.	1080.	970.	22.0	14.2	2.0	0.122	0.024
AVG OR GEOM MN (*)							1496.*	66.* D	80.* U	8.2	11.8	0.7	0.034	0.010
MINIMUM							40.	4.	12.	0.0	10.2	0.2	0.014	0.002
NO OF SAMPLES							9	9	9	9	9	10	10	10

(C O N T D)

STATION ID: 06-0151-001-02

B.O.W./ SITE: PROCTORS CREEK
SAMPLE POINT: ROAD TO HIGHWAY 33, BRIGHTON
STATION TYPE: RIVER   FLOW GAUGE MOE 02HD100

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PROCTORS CREEK

STORET CODE: 02
004
2820

STN NO: 1   LAT: LONG: U T M: 18 0281675.0 4878350.0 4   REGION: 03   MILEAGE: 0.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78	1320			.3		0.018	0.300	0.004	1.220	1.242	0.282	1.524	295.0	6.4	289
21 02 78	0935			.3		0.014	0.270	0.008	1.230	1.252	0.256	1.508	348.0	12.0	336
18 04 78	1332			.3		0.010	0.260	0.005	0.895	0.910	0.250	1.160	276.0	3.9	272
16 05 78	1430			.3		0.002	0.360	0.006	0.700	0.708	0.358	1.066	318.0	4.3	314
20 06 78	1145			.3		0.020	0.300	0.010	0.990	1.020	0.280	1.300	308.0	5.1	303
19 07 78	1430			.3		0.016	0.260	0.021	0.889	0.926	0.244	1.170	269.0	3.1	
26 09 78	1110			.3		0.006	0.220	0.003	0.930	0.939	0.214	1.153	356.0	39.0	317
26 10 78	1400			.3		0.004	0.320	0.012	0.935	0.951	0.316	1.267	305.0	15.0	290
14 11 78	1500			.3		0.008	0.740	0.006	0.629	0.643	0.732	1.375	395.0	70.0	325
13 12 78	1200			.3		0.016	0.310	0.005	1.200	1.221	0.294	1.515	375.0	7.0	368
MAXIMUM						0.020	0.740	0.021	1.230	1.252	0.732	1.524	395.0	70.0	368
AVG OR GEOM MN (*)						0.011	0.334	0.008	0.962	0.981	0.323	1.304	324.5	16.6	313
MINIMUM						0.002	0.220	0.003	0.629	0.643	0.214	1.066	269.0	3.1	272
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	1320			.3			510	2.50	30.5
21 02 78	0935			.3			585	7.60	39.5
18 04 78	1332			.3			440	1.60	22.5
16 05 78	1430			.3			495	2.60	30.5
20 06 78	1145			.3			485	1.40	31.0
19 07 78	1430			.3		266	410	2.00	23.5
26 09 78	1110			.3			530	6.40	37.0
26 10 78	1400			.3			510	16.00	36.0
14 11 78	1500			.3			540	14.00	28.5
13 12 78	1200			.3			610	3.60	56.0
MAXIMUM						266	610	16.00	56.0
AVG OR GEOM MN (*)						266	512	5.77	33.5
MINIMUM						266	410	1.40	22.5
NO OF SAMPLES						1	10	10	10

STATION ID: 06-0152-001-02

B.O.W./ SITE: SMITHFIELD CREEK
SAMPLE POINT: COUNTY ROAD 64 NEAR LOVETT
STATION TYPE: RIVER   FLOW GAUGE MOE 02HD109

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SMITHFIELD CREEK

STORET CODE: 02
004
2760

STN NO: 1   LAT: LONG: U T M: 18 0285960.0 4879640.0 4   REGION: 03   MILEAGE: 0.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78	1345			.3		36021	4	650.	64.	196.	0.0	12.0	0.2	0.025	0.006
21 02 78	0950			.3		36107	4	150.	6.	2.	0.0	10.8	0.4	0.033	0.015
18 04 78	1345			.3		36223	6	30.	4. L	8.	5.8	11.8	0.8	0.017	0.008
16 05 78	1500			.3		36290	6	320.	72.	16.	11.2	11.8	0.8	0.013	0.001
20 06 78	1035			.3		36352	6				10.0	10.7	1.2	0.036	0.007
19 07 78	1445			.3		36425	6	1800.	92.	216.	23.0	8.8	0.6	0.030	0.009
31 08 78	1200			.3		36491	6	620.	2.	42.	18.0	12.1	0.5	0.014	0.003
	1220			.3		36490	6	370.	24.	64.	18.5	10.8	0.2	0.027	0.002
26 09 78	1130			.3		36548	6	1400.	20.	24.	9.5	11.4	0.2	0.025	0.004
26 10 78	1340			.3		36616	6	2300.	132.	148.	8.2	10.2	1.4	0.022	0.004
14 11 78	1530			.3		36650	6	1200.	280.	560.	8.0	11.4	0.6	0.037	0.009
13 12 78	1500			.3		36746	6	600.	10.	90.	0.5	9.6	0.4	0.018	0.004
MAXIMUM								2300.	280.	560.	23.0	12.1	1.4	0.037	0.015
AVG OR GEOM MN (*)								528.*	26.* D	50.*	9.4	11.0	0.6	0.025	0.006
MINIMUM								30.	2.	2.	0.0	8.8	0.2	0.013	0.001
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78	1345			.3		0.012	0.340	0.004	1.100	1.116	0.328	1.444	273.0	3.9	
21 02 78	0950			.3		0.030	0.240	0.005	0.880	0.915	0.210	1.125	301.0	5.1	296
18 04 78	1345			.3		0.004	0.310	0.005	0.530	0.539	0.306	0.845	259.0	4.7	
16 05 78	1500			.3		0.008	0.340	0.007	0.490	0.505	0.332	0.837	277.0	1.7	275
20 06 78	1035			.3		0.046	0.400	0.018	0.550	0.614	0.354	0.968	293.0	8.4	285
19 07 78	1445			.3		0.026	0.350	0.011	0.619	0.656	0.324	0.980	280.0	6.8	
31 08 78	1200			.3		0.004	0.240	0.004	0.820	0.828	0.236	1.064	332.0	3.9	328
	1220			.3		0.004	0.340	0.005	0.305	0.314	0.336	0.650	317.0	5.2	312
26 09 78	1130			.3		0.016	0.290	0.003	0.470	0.489	0.274	0.763	300.0	11.0	289
26 10 78	1340			.3		0.004	0.320	0.004	0.430	0.438	0.316	0.754	288.0	6.8	281
14 11 78	1530			.3		0.002	0.420	0.004	0.691	0.697	0.418	1.115	287.0	14.0	273
13 12 78	1500			.3		0.044	0.290	0.005	0.955	1.004	0.246	1.250	310.0	3.0	307
MAXIMUM						0.046	0.420	0.018	1.100	1.116	0.418	1.444	332.0	14.0	328
AVG OR GEOM MN (*)						0.017	0.323	0.006	0.653	0.676	0.307	0.983	293.1	6.2	294
MINIMUM						0.002	0.240	0.003	0.305	0.314	0.210	0.650	259.0	1.7	273
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	9

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	1345			.3		269	414	1.70	18.0
21 02 78	0950			.3			488	2.60	23.5
18 04 78	1345			.3		254	390	1.10	14.5
16 05 78	1500			.3			435	1.40	20.5
20 06 78	1035			.3			465	2.90	28.5
19 07 78	1445			.3		273	420	4.50	30.0
31 08 78	1200			.3			480	1.20	36.0
	1220			.3			455	2.60	31.5
26 09 78	1130			.3			470	2.40	29.0
26 10 78	1340			.3			485	2.40	29.0
14 11 78	1530			.3			420	3.60	6.8
13 12 78	1500			.3			495	2.30	32.0
MAXIMUM						273	495	4.50	36.0
AVG OR GEOM MN (*)						265	451	2.39	24.9
MINIMUM						254	390	1.10	6.8
NO OF SAMPLES						3	12	12	12

B.O.W./ SITE: CONSECON CREEK
SAMPLE POINT: AT MILL DAM CONSECON
STATION TYPE: RIVER

STATION ID: 06-0157-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

STN NO: 1 LAT: LONG: U T M: 18 0297750.0 4874150.0 4 REGION: 04 MILEAGE: 0.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
31 01 78	1020			.3		27805	6	10.	2. L	2.	2.0	10.0	0.4	0.009	0.001L
28 02 78	1045			.3		27813	6	20.	4.	2. L	2.0	5.0	0.8	0.023	0.001
28 03 78	1030			.3		27821	6	50.	4.	10.	3.0	2.0	0.6	0.020	0.006
25 04 78	1030			.3		27829	6	20.	2.	2.	5.0	8.0	0.8	0.021	0.002
30 05 78	1020			.3		27837	6	28.	6.	4.	21.0	9.0	2.4	0.024	0.001
25 07 78	1015			.3		27853	6	300.	2. L	2. L	24.0	9.0	0.5	0.029	0.001
29 08 78	1020			.3		27861	6	144.	40.	20.	22.0	6.0	2.0	0.068	0.002
26 09 78	1010			.3		27869	6	140.	8.	6.	16.0	10.0	0.6	0.032	0.001
31 10 78	1020			.3		27877	6	900.	14.	228.	7.0	11.0	2.2	0.030	0.001
MAXIMUM								900.	40.	228.	24.0	11.0	2.4	0.068	0.006
AVG OR GEOM MN (*)								68.*	5.* D	6.* D	11.3	7.8	1.1	0.028	0.002D
MINIMUM								10.	2.	2.	2.0	2.0	0.4	0.009	0.001
NO OF SAMPLES								9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
31 01 78	1020			.3		0.376	0.570	0.005	0.035	0.416	0.194	0.610	241.0	0.3	
28 02 78	1045			.3		0.028	0.700	0.005	0.125	0.158	0.672	0.830	259.0	1.3	
28 03 78	1030			.3		0.113	0.590	0.014	0.461	0.588	0.477	1.065	232.0	1.8	
25 04 78	1030			.3		0.010	0.430	0.003	0.105	0.118	0.420	0.538	201.0	4.9	
30 05 78	1020			.3		0.088	0.810	0.002	0.018	0.108	0.722	0.830	191.0	2.4	
25 07 78	1015			.3		0.020	0.970	0.002	0.005L	0.027	0.950	0.977	135.0	1.5	
29 08 78	1020			.3		0.058	1.440	0.002	0.005	0.065	1.382	1.447	152.0	20.0	
26 09 78	1010			.3		0.020	1.030	0.002	0.005	0.027	1.010	1.037	186.0	3.4	183
31 10 78	1020			.3		0.007	1.010	0.002	0.005	0.014	1.003	1.017	189.0	3.8	
MAXIMUM						0.376	1.440	0.014	0.461	0.588	1.382	1.447	259.0	20.0	183
AVG OR GEOM MN (*)						0.080	0.839	0.004	0.085D	0.169	0.759	0.928	198.4	4.4	183
MINIMUM						0.007	0.430	0.002	0.005	0.014	0.194	0.538	135.0	0.3	183
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78	1020			.3		241	371	1.20	5.4
28 02 78	1045			.3		258	397	3.80	5.6
28 03 78	1030			.3		230	354	1.30	4.3
25 04 78	1030			.3		196	300	0.80	3.8
30 05 78	1020			.3		189	290	1.20	3.8
25 07 78	1015			.3		133	205	1.80	4.5
29 08 78	1020			.3		132	203	2.40	5.2
26 09 78	1010			.3			255	5.00	5.5
31 10 78	1020			.3		185	285	2.90	7.7
MAXIMUM						258	397	5.00	7.7
AVG OR GEOM MN (*)						196	296	2.27	5.1
MINIMUM						132	203	0.80	3.8
NO OF SAMPLES						8	9	9	9

```
 B.O.W./ SITE: CONSECON CREEK                                                      STATION ID:  06-0157-002-02
 SAMPLE POINT: AT COUNTY ROAD 2 ALLISONVILLE
 STATION TYPE: RIVER    FLOW GAUGE FED 02HE002        MAJOR BASIN: GREAT LAKES                   STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                               004
                                                      TERM STREAM: CONSECON CREEK                             2640

STN NO:     2    LAT:              LONG:              U T M: 18 0310300.0 4877450.0 4    REGION: 04         MILEAGE:    8.70

                                      934       901      444        80        81        84       805        3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO                     COLIFORM  COLIFORM    ENTER.     TEMP.       O2      BOD         P
               FEET      MTRS                                  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L      MG/L

31 01 78 1000              .3       27804   0 6       118.00     80.        6.        8.         2.0      3.0      1.4     0.084
28 02 78 1010              .3       27812   6          11.80     30.        8.        6.         2.0      2.0      1.8     0.058
28 03 78 1000              .3       27820   6         255.00     68.        2.        4.         2.0      1.0      1.0     0.016
25 04 78 0945              .3       27828   6         137.00    110.        4.        2.         6.0      8.0      0.6     0.012
30 05 78 0950              .3       27836   6 7        12.00     70.       54.       24.        23.0      4.0      1.6     0.030
25 07 78 0945              .3       27852   6           0.18    560.      160.        2.  L     24.0      8.0      0.4     0.032
29 08 78 1000              .3       27860   7 6         0.04    220.        6.       12.        22.0      6.0      7.0     0.090
26 09 78 0945              .3       27868   6 7         0.15    100.        2.  L     4.        14.0     19.0      0.4     0.018
31 10 78 0950              .3       27876   6           0.61    200.        2.  L     6.         5.0     13.0      0.6     0.013

                      MAXIMUM                         255.00    560.      160.       24.        24.0     19.0      7.0     0.090
           AVG OR GEOM MN (*)                          59.42    113.'       8.* D     6.' D     11.1      7.1      1.6     0.039
                      MINIMUM                           0.04     30.        2.        2.         2.0      1.0      0.4     0.012

                NO OF SAMPLES                              9       9         9         9           9        9        9         9

                                      34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

31 01 78 1000              .3       0.060     0.124     0.770     0.020    0.005L     0.149     0.646     0.795     261.0       1.7
28 02 78 1010              .3       0.027     0.170     0.950     0.006    0.009      0.185     0.780     0.965     296.0       1.8
28 03 78 1000              .3       0.004     0.176     0.610     0.016    0.184      0.376     0.434     0.810     208.0       3.0
25 04 78 0945              .3       0.002     0.004     0.530     0.003    0.005      0.012     0.526     0.538     171.0       2.6
30 05 78 0950              .3       0.006     0.018     1.250     0.006    0.010      0.034     1.232     1.266     232.0       1.0
25 07 78 0945              .3       0.020     0.014     0.920     0.002    0.005L     0.021     0.906     0.927     205.0       0.4
29 08 78 1000              .3       0.004     0.372     1.660     0.003    0.005L     0.380     1.288     1.668     222.0      27.0
26 09 78 0945              .3       0.002     0.014     0.820     0.025    0.470      0.509     0.806     1.315     253.0       1.4
31 10 78 0950              .3       0.002     0.016     0.530     0.010    0.490      0.516     0.514     1.030     308.0       7.1

                      MAXIMUM       0.060     0.372     1.660     0.025    0.490      0.516     1.288     1.668     308.0      27.0
           AVG OR GEOM MN (*)       0.014     0.101     0.893     0.010    0.131D     0.242     0.792     1.035     239.6       5.1
                      MINIMUM       0.002     0.004     0.530     0.002    0.005      0.012     0.434     0.538     171.0       0.4

                NO OF SAMPLES           9         9         9         9        9          9         9         9         9         9

                                       7       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH       SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
               FEET      MTRS         MG/L  MG/L         UMHOS     UNITS

31 01 78 1000              .3                   259        398      1.80       4.3
28 02 78 1010              .3          294                 439      3.30       5.3
28 03 78 1000              .3                   205        315      0.85       3.4
25 04 78 0945              .3                   168        260      0.50       2.7
30 05 78 0950              .3                   231        355      0.70       3.8
25 07 78 0945              .3                   205        315      1.40       7.1




29 08 78 1000              .3                   195        300      5.80      14.5
26 09 78 0945              .3          252                 380      0.90      14.0
31 10 78 0950              .3          301                 440      1.40       8.8

                      MAXIMUM          301      259        440      5.80      14.5
           AVG OR GEOM MN (*)          282      211        356      1.85       7.1
                      MINIMUM          252      168        260      0.50       2.7

                NO OF SAMPLES            3        6          9         9         9


 B.O.W./ SITE: CONSECON CREEK                                                      STATION ID:  06-0157-003-02
 SAMPLE POINT: AT HIGHWAY 14
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                   STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                               004
                                                      TERM STREAM: CONSECON CREEK                             2640

STN NO:     3    LAT:              LONG:              U T M: 18 0316850.0 4877650.0 4    REGION: 04         MILEAGE:   14.20

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

31 01 78 0940              .3       27803   4 0         70.       2.        4.        3.0       1.0       1.2     0.049     0.018
28 02 78 0945              .3       27811   4 0         70.       2.  L     4.        2.0       1.0       1.5     0.082     0.060
28 03 78 0940              .3       27819   6          210.      10.       22.        3.0       2.0       0.8     0.023     0.005
25 04 78 0930              .3       27827   6          110.       2.        6.        6.0       4.0       0.6     0.018     0.006
30 05 78 0930              .3       27835   6           20.      28.       16.       21.0       2.0       3.0     0.060     0.032
25 07 78 0920              .3       27851   6           20.      12.        2.  L    22.0       3.0       2.0     0.149     0.052
29 08 78 0930              .3       27859   6         5900.     188.       34.       21.0       2.0       1.5     0.123     0.049
26 09 78 0925              .3       27867   6          200.       4.  L     4.  L    16.0       5.0       1.4     0.118     0.052
31 10 78 0930              .3       27875   6          100.      12.        4.        6.0       5.0       1.2     0.080     0.035

                      MAXIMUM                         5900.     188.       34.       22.0       5.0       3.0     0.149     0.060
           AVG OR GEOM MN (*)                          120.*      9.* D     7.* D    11.1       2.8       1.5     0.078     0.034
                      MINIMUM                           20.       2.        2.        2.0       1.0       0.6     0.018     0.005

                NO OF SAMPLES                              9         9         9         9         9         9         9         9

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

31 01 78 0940              .3       0.147     0.910     0.007    0.005L     0.159     0.763     0.922     251.0       1.0
28 02 78 0945              .3       0.320     1.240     0.006    0.009      0.335     0.920     1.255     269.0       2.6
28 03 78 0940              .3       0.158     0.690     0.016    0.144      0.318     0.532     0.850     214.0       3.4
25 04 78 0930              .3       0.008     0.610     0.004    0.005      0.017     0.602     0.619     172.0       1.9
30 05 78 0930              .3       0.050     1.500     0.007    0.005L     0.062     1.450     1.512     243.0       5.6
25 07 78 0920              .3       0.202     2.100     0.005    0.015      0.222     1.898     2.120     202.0       4.0
29 08 78 0930              .3       0.286     1.920     0.022    0.035      0.343     1.634     1.977     173.0       4.8
26 09 78 0925              .3       0.104     1.660     0.005    0.010      0.119     1.556     1.675     238.0       2.4       236
31 10 78 0930              .3       0.029     1.260     0.005    0.015      0.049     1.231     1.280     262.0       2.0

                      MAXIMUM       0.320     2.100     0.022    0.144      0.343     1.898     2.120     269.0       5.6       236
           AVG OR GEOM MN (*)       0.145     1.321     0.009    0.027D     0.180     1.176     1.357     224.9       3.1       236
                      MINIMUM       0.008     0.610     0.004    0.005      0.017     0.532     0.619     172.0       1.0       236

                NO OF SAMPLES           9         9         9        9          9         9         9         9         9         1
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78 0940			.3		250	384	2.70	5.7
28 02 78 0945			.3		266	410	2.40	5.0
28 03 78 0940			.3		211	325	0.70	3.5
25 04 78 0930			.3		170	260	0.60	2.8
30 05 78 0930			.3		237	365	1.00	3.8
25 07 78 0920			.3		198	305	2.30	4.7
29 08 78 0930			.3		168	258	1.60	4.8
26 09 78 0925			.3			315	1.50	11.5
31 10 78 0930			.3		260	400	1.70	16.5
MAXIMUM					266	410	2.70	16.5
AVG OR GEOM MN (*)					220	336	1.61	6.5
MINIMUM					168	258	0.60	2.8
NO OF SAMPLES					8	9	9	9

B.O.W./ SITE: BLOOMFIELD CREEK
SAMPLE POINT: AT CHURCH STREET BLOOMFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HE001

STATION ID: 06-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLOOMFIELD CREEK

STORET CODE: 02
004
2460

STN NO: 1 LAT: LONG: U T M: 18 0319750.0 4871200.0 4 REGION: 04 MILEAGE: 3.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
31 01 78 0930			.3		27802	4	16.70	60.	4. L	4. L	2.0	5.0	0.4	0.054
28 02 78 0930			.3		27810	4	3.10	220.	22.	40.	2.0	7.0	0.8	0.080
28 03 78 0925			.3		27818	6	26.90	150.	12.	18.	3.0	2.0	0.2	0.032
25 04 78 0915			.3		27826	6	10.70	130.	2.	2.	7.0	6.0	0.4	0.033
30 05 78 0910			.3		27834	6	2.20	230.	34.	2.	23.0	3.0	2.5	0.280
25 07 78 0900			.3		27850	6 7	0.35	150.	90.	2. L	23.0	3.0	1.0	0.400
29 08 78 0900			.3		27858	6 7	0.35	1240.	24.	4.	21.0	3.0	1.0	0.220
26 09 78 0915			.3		27866	7 9	0.27	7100.	200.	342.	16.0	1.0	25.0	3.520
31 10 78 0910			.3		27874	6	0.59	100.	10. L	10. L	6.0	2.0	3.2	0.929
MAXIMUM							26.90	7100.	200.	342.	23.0	7.0	25.0	3.520
AVG OR GEOM MN (*)							6.80	271.*	19.* D	9.* D	11.4	3.6	3.8	0.616
MINIMUM							0.27	60.	2.	2.	2.0	1.0	0.2	0.032
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
31 01 78 0930			.3		0.023	0.021	2.400	0.010	4.180	4.211	2.379	6.590	301.0	4.9
28 02 78 0930			.3		0.035	0.112	0.620	0.019	0.508	0.639	0.508	1.147	375.0	15.0
28 03 78 0925			.3		0.017	0.041	0.310	0.014	4.450	4.505	0.269	4.774	270.0	2.2
25 04 78 0915			.3		0.019	0.016	0.410	0.017	2.080	2.113	0.394	2.507	276.0	1.6
30 05 78 0910			.3		0.140	0.144	0.880	0.011	0.045	0.200	0.736	0.936	299.0	10.0
25 07 78 0900			.3		0.265	0.035	0.850	0.002	0.005L	0.042	0.815	0.857	266.0	2.1
29 08 78 0900			.3		0.160	0.066	0.810	0.007	0.005L	0.078	0.744	0.822	296.0	2.1
26 09 78 0915			.3		2.400	0.002	2.950	0.007	0.005	0.014	2.948	2.962	1153.0	14.0
31 10 78 0910			.3		0.680	0.154	1.140	0.004	0.005	0.163	0.986	1.149	204.0	2.5
MAXIMUM					2.400	0.154	2.950	0.019	4.450	4.505	2.948	6.590	1153.0	15.0
AVG OR GEOM MN (*)					0.415	0.066	1.152	0.010	1.254D	1.329	1.087	2.416	382.2	6.0
MINIMUM					0.017	0.002	0.310	0.002	0.005	0.014	0.269	0.822	204.0	1.6
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78 0930			.3		296		498	1.70	11.0
28 02 78 0930			.3		360		590	4.80	15.5
28 03 78 0925			.3		268		427	1.30	9.4
25 04 78 0915			.3			274	420	0.70	8.4
30 05 78 0910			.3		289		455	2.50	8.2
25 07 78 0900			.3			263	405	1.20	35.0
29 08 78 0900			.3		294		454	0.80	36.5
26 09 78 0915			.3		1139		1720	6.10	133.0
31 10 78 0910			.3			202	310	6.30	76.0
MAXIMUM					1139	274	1720	6.30	133.0
AVG OR GEOM MN (*)					441	246	587	2.82	37.0
MINIMUM					268	202	310	0.70	8.2
NO OF SAMPLES					6	3	9	9	9

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

STATION ID: 06-0172-001-02

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT COUNTY ROAD 17
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLACK RIVER

STORET CODE: 02
004
2010

STN NO: 1 LAT: LONG: U T M: 18 0332300.0 4866500.0 4 REGION: 04 MILEAGE: 4.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
31 01 78 0900			.3		27801	4				2.0	5.0	0.2	0.008	0.005
28 02 78 0905			.3		27809	4	30.	2.	6.	2.0	3.0	0.2	0.045	0.024
28 03 78 0845			.3		27817	6	12.	2. L	2. L	3.0	4.0	0.1	0.013	0.006
25 04 78 0840			.3		27825	6	72.	2. L	4.	6.0	11.0	2.0	0.036	0.005
30 05 78 0840			.3		27833	6	16.	6.	4.	20.0	8.0	2.0	0.047	0.013
25 07 78 0835			.3		27849	6	4. L	2. L	2. L	23.0	8.0	1.0	0.058	0.005
29 08 78 0840			.3		27857	6	2300.	2. L	2.	22.0	7.0	1.0	0.056	0.010
26 09 78 0845			.3		27865	6	100. L	2. L	2. L	15.0	7.0	1.2	0.055	0.015
31 10 78 0840			.3		27873	6	10.	8.	2. L	8.0	8.0	1.2	0.045	0.002
MAXIMUM							2300.	8.	6.	23.0	11.0	2.0	0.058	0.024
AVG OR GEOM MN (*)							37.* D	3.* D	3.* D	11.2	6.8	1.0	0.040	0.009
MINIMUM							4.	2.	2.	2.0	3.0	0.1	0.008	0.002
NO OF SAMPLES							8	8	8	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
31 01 78 0900			.3		0.030	0.330	0.010	0.289	0.329	0.300	0.629	252.0	1.3	
28 02 78 0905			.3		0.134	0.420	0.005	0.170	0.309	0.286	0.595	287.0	4.8	282
28 03 78 0845			.3		0.029	0.300	0.007	0.588	0.624	0.271	0.895	234.0	13.0	
25 04 78 0840			.3		0.016	0.480	0.002	0.040	0.058	0.464	0.522	218.0	6.3	
30 05 78 0840			.3		0.076	0.640	0.002	0.005	0.083	0.564	0.647	247.0	2.8	
25 07 78 0835			.3		0.057	0.780	0.001	0.005L	0.063	0.723	0.786	181.0	4.7	
29 08 78 0840			.3		0.134	0.830	0.003	0.010	0.147	0.606	0.843	162.0	5.1	
26 09 78 0845			.3		0.034	0.700	0.002	0.005	0.041	0.666	0.707	152.0	7.2	145
31 10 78 0840			.3		0.066	0.710	0.007	0.065	0.138	0.644	0.782	220.0	54.0	
MAXIMUM					0.134	0.830	0.010	0.588	0.624	0.723	0.895	287.0	54.0	282
AVG OR GEOM MN (*)					0.064	0.577	0.004	0.131D	0.199	0.513	0.712	217.0	11.0	214
MINIMUM					0.016	0.300	0.001	0.005	0.041	0.271	0.522	152.0	1.3	145
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78 0900			.3		251	386	3.50	2.4
28 02 78 0905			.3			461	3.10	2.8
28 03 78 0845			.3		221	340	0.65	2.3
25 04 78 0840			.3		212	325	1.00	2.1
30 05 78 0840			.3		244	375	1.50	1.7
25 07 78 0835			.3		176	270	2.40	1.6
29 08 78 0840			.3		157	241	2.60	1.7
26 09 78 0845			.3			240	3.00	1.9
31 10 78 0840			.3		166	255	4.10	2.3
MAXIMUM					251	461	4.10	2.8
AVG OR GEOM MN (*)					204	321	2.43	2.1
MINIMUM					157	240	0.65	1.6
NO OF SAMPLES					7	9	9	9

STATION ID: 06-0180-002-02

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: COUNTY ROAD 5, SYDENHAM
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

STN NO: 2 LAT: LONG: U T M: 18 0372500.0 4918100.0 4 REGION: 04 MILEAGE: 21.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1310			.3		28516	130.	16.	8.	2. L	0.0	15.0	1.0	0.020	0.004
07 02 78 1315			.3		28533	4. L	4. L	4. L		0.0	13.0	1.0	0.030	0.008
14 03 78 1050			.3		28549	30.	24.	364.		3.0	10.0			
05 04 78 1040			.3		28566	10.	4.	4. L		3.0	12.0	1.0	0.022	0.004
02 05 78 1045			.3		28583	8.	4. L	4. L		5.0	11.0	0.5	0.018	0.004
06 06 78 1110			.3		28600	390.	104.	120.		19.0	12.0	1.0	0.024	0.004
05 07 78 1115			.3		28617					23.0	9.0	2.0	0.050	0.012
02 08 78 1100			.3		28634	600.	72.	64.		23.0	8.0	0.5L	0.030	0.016
06 09 78 1035			.3		28651	300.	24.	124.		21.0	8.0	0.6	0.034	0.014
03 10 78 1100			.3		28668	900.	444.	232.		11.0	9.0	0.2L	0.026	0.020
07 11 78 1130			.3		28685	60.	8.	84.		9.0	9.0	0.8	0.026	0.010
05 12 78 1100			.3		28702	190.	4.	32.		2.0	10.0		0.022	0.006
MAXIMUM						900.	444.	364.	2.	23.0	15.0	2.0	0.050	0.020
AVG OR GEOM MN (*)						80.* D	18.* D	35.* D	2.* D	9.9	10.5	0.9D	0.027	0.009
MINIMUM						4.	4.	4.	2.	0.0	8.0	0.2	0.018	0.004
NO OF SAMPLES						11	11	11	1	12	12	10	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 01 78 1310			.3		0.010	0.360	0.002	0.020	0.032	0.350	0.382	258.0	3.0	255
07 02 78 1315			.3		0.050	0.420	0.004	0.080	0.134	0.370	0.504		15.0L	
05 04 78 1040			.3		0.040	0.410	0.004	0.240	0.284	0.370	0.654	180.0	3.0	177
02 05 78 1045			.3		0.030	0.450	0.004	0.160	0.194	0.420	0.614		5.0L	
06 06 78 1110			.3		0.070	0.6[illegible]	0.002	0.020L	0.092	0.530	0.622		5.0L	
05 07 78 1115			.3		0.020	0.780	0.004	0.080	0.104	0.760	0.864		5.0L	
02 08 78 1100			.3		0.050	0.550	0.004	0.020L	0.074	0.500	0.574		3.0	
06 09 78 1035			.3		0.010	0.660				0.650			5.0L	
03 10 78 1100			.3		0.030	0.380	0.006	0.030	0.066	0.350	0.416	180.0	5.0L	
07 11 78 1130			.3		0.030	0.400	0.004	0.080	0.114	0.370	0.484		5.0L	
05 12 78 1100			.3		0.040	0.480	0.004	0.140	0.184	0.440	0.624		5.0L	
MAXIMUM					0.070	0.760	0.006	0.240	0.284	0.760	0.864	258.0	15.0	255
AVG OR GEOM MN (*)					0.035	0.499	0.004	0.087D	0.128	0.465	0.574	206.0	5.4D	216
MINIMUM					0.010	0.360	0.002	0.020	0.032	0.350	0.382	180.0	3.0	177
NO OF SAMPLES					11	11	10	10	10	11	10	3	11	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 78 1310			.3		185	285	3.40	17.0	8.00
07 02 78 1315			.3		185	285	1.30	12.0	
05 04 78 1040			.3			285	3.80	9.0	
02 05 78 1045			.3		192	295	1.90	10.0	
06 06 78 1110			.3		182	280	1.50	9.5	
05 07 78 1115			.3		221	340	3.00	21.0	
02 08 78 1100			.3		179	275	1.70	12.0	
06 09 78 1035			.3		179	275	1.60		
03 10 78 1100			.3		117	285	1.50	13.0	
07 11 78 1130			.3		202	310	1.90	14.0	
05 12 78 1100			.3		182	280	1.50	11.0	
MAXIMUM					221	340	3.80	21.0	8.00
AVG OR GEOM MN (*)					182	290	2.10	12.9	8.00
MINIMUM					117	275	1.30	9.0	8.00
NO OF SAMPLES					10	11	11	10	1

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: FIRST CONCESSION ROAD NORTH OF MILLHAVEN
STATION TYPE: RIVER FLOW GAUGE FED 02HM006

STATION ID: 06-0180-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

STN NO: 3 LAT: LONG: U T M: 18 0357750.0 4896950.0 4 REGION: 04 MILEAGE: 2.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 0950			.3		28503	140.00	2500.	128.	1000.	8.	0.0	12.0	1.0	0.054
06 02 78 0935			.3		28520	138.00	240.	32.	8.		0.0	9.0	1.0	0.122
13 03 78 0930			.3		28536	40.60	570.	68.	20.		0.0	9.0	1.0	0.038
04 04 78 0910			.3		28553	491.00	30.	4.	64.		0.0	11.0	1.0	
01 05 78 0930			.3		28570	60.00	80.	4. L	8.		5.0	10.0	0.5	0.028
05 06 78 0915			.3		28587	25.50					17.0	9.0	1.0	0.052
04 07 78 1010			.3		28604	9.30	9500.	80.	250.		21.0	9.0	1.5	0.048
01 08 78 0915			.3		28621	1.40	410.	200.	352.		20.0	6.0	0.5L	0.020
05 09 78 0930			.3		28638	1.30	300.	36.	156.		18.0	6.0	0.6	0.036
02 10 78 0850			.3		28655	2.20	1200.	212.	128.		12.0	5.0	0.5	0.034
06 11 78 0915			.3		28672	18.20	380.	84.	920.		11.0	8.0	1.0	0.088
04 12 78 0915			.3		28689	93.20	660.	136.	800.		1.0	10.0	0.7	0.038
MAXIMUM						491.00	9500.	212.	1000.	8.	21.0	12.0	1.5	0.122
AVG OR GEOM MN (*)						85.06	477.*	51.* D	124.*	8.*	8.8	8.7	0.9D	0.051
MINIMUM						1.30	30.	4.	8.	8.	0.0	5.0	0.5	0.020
NO OF SAMPLES						12	11	11	11	1	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78 0950			.3		0.034	0.030	0.010L	0.056	0.580	0.666	0.020	0.646	290.0	14.0
06 02 78 0935			.3		0.006	0.030	0.750	0.010	0.190	0.230	0.720	0.950		40.0
13 03 78 0930			.3		0.014	0.170	0.600	0.016	0.200	0.386	0.430	0.816	295.0	11.0
04 04 78 0910			.3		0.010	0.040		0.120	0.480	0.640			150.0	7.0
01 05 78 0930			.3		0.006	0.030	0.490	0.008	0.050	0.088	0.460	0.548		5.0L
05 06 78 0915			.3		0.014	0.090	0.780	0.006	0.020L	0.116	0.690	0.806		5.0L
04 07 78 1010			.3		0.010	0.030	1.000	0.002	0.020L	0.052	0.970	1.022		6.8
01 08 78 0915			.3		0.008	0.070	0.680	0.006	0.020L	0.096	0.610	0.706		3.0
05 09 78 0930			.3		0.008	0.020	0.940				0.920			8.0
02 10 78 0850			.3		0.010	0.020	0.960	0.012	0.070	0.102	0.940	1.042		6.0
06 11 78 0915			.3		0.002	0.03	0.82	0.002	0.02	0.052	0.790	0.842		8.
04 12 78 0915			.3		0.014	0.050	0.740	0.006	0.310	0.366	0.690	1.056		17.0
MAXIMUM					0.034	0.170	1.000	0.120	0.580	0.666	0.970	1.056	295.0	40.0
AVG OR GEOM MN (*)					0.011	0.051	0.706D	0.022	0.178D	0.254	0.658	0.843	245.0	10.9D
MINIMUM					0.002	0.020	0.010	0.002	0.020	0.052	0.020	0.548	150.0	3.0
NO OF SAMPLES					12	12	11	11	11	11	11	10	3	12

(C O N T D)

STATION ID: 06-0180-003-02

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: FIRST CONCESSION ROAD NORTH OF MILLHAVEN
STATION TYPE: RIVER FLOW GAUGE FED 02HM006

STORET CODE: 02
004
0080

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STN NO: 3 LAT: LONG: U T M: 18 0357750.0 4896950.0 4 REGION: 04 MILEAGE: 2.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	0950			.3		276	211	325	9.80	11.0
06 02 78	0935			.3			263	405	17.00	14.0
13 03 78	0930			.3		284	292	450	3.60	19.0
04 04 78	0910			.3		143		280	8.50	8.0
01 05 78	0930			.3			172	264	1.00	8.0
05 06 78	0915			.3			195	300	3.40	10.0
04 07 78	1010			.3			169	260	3.50	11.0
01 08 78	0915			.3			198	305	1.80	18.0
05 09 78	0930			.3			234	360	1.30	21.0
02 10 78	0850			.3			247	380	2.70	21.0
06 11 78	0915			.3			235	360	16.	19.
04 12 78	0915			.3			257	395	7.50	19.0
MAXIMUM						284	292	450	17.00	21.0
AVG OR GEOM MN (*)						234	225	340	6.34	14.9
MINIMUM						143	169	260	1.00	8.0
NO OF SAMPLES						3	11	12	12	12

STATION ID: 06-0180-004-02

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: FIRST CONCESSION ROAD SOUTH OF ODESSA
STATION TYPE: RIVER

STORET CODE: 02
004
0080

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STN NO: 4 LAT: LONG: U T M: 18 0362110.0 4902175.0 4 REGION: 04 MILEAGE: 4.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78	0920			.3		28502	900.	24.	100.	2. L	0.0	10.0	1.0	0.038	0.014
06 02 78	0910			.3		28519	20.	4. L	4.		0.0	6.0	0.5L	0.020	0.004
13 03 78	0910			.3		28535	60.	8.	4.		0.0	6.0	1.0	0.030	0.016
04 04 78	0845			.3		28552	290.	16.	40.		0.0	9.0	0.5	0.018	0.016
01 05 78	0905			.3		28569	100.	24.	8.		6.0	11.0	0.5	0.036	0.018
05 06 78	0850			.3		28586					17.0	11.0	0.5	0.032	0.014
04 07 78	0950			.3		28603	22000.	20.	230.		22.0	13.0	1.5	0.044	0.014
01 08 78	0855			.3		28620	230.	24.	88.		20.0	10.0	0.5L	0.046	0.030
05 09 78	0905			.3		28637	300.	56.	104.		17.0	10.0	37.0	2.500	0.046
02 10 78	0820			.3		28654	400.	4.	244.		11.0	7.0	4.3	0.350	0.098
06 11 78	0845			.3		28671	330.	164.	52.		10.0	7.0	0.9	0.038	0.010
04 12 78	0845			.3		28688	110.	20.	352.		1.0	9.0	0.8	0.036	0.016
MAXIMUM							22000.	164.	352.	2.	22.0	13.0	37.0	2.500	0.098
AVG OR GEOM MN (*)							275.*	19.* D	50.*	2.* D	8.7	9.1	4.1D	0.266	0.025
MINIMUM							20.	4.	4.	2.	0.0	6.0	0.5	0.018	0.004
NO OF SAMPLES							11	11	11	1	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78	0920			.3		0.010	0.450	0.034	0.310	0.354	0.440	0.794	348.0	7.0	341
06 02 78	0910			.3		0.040	0.350	0.008	0.130	0.178	0.310	0.488		15.0L	
13 03 78	0910			.3		0.190	0.560	0.008	0.090	0.288	0.370	0.658	260.0	3.0	257
04 04 78	0845			.3		0.070	0.370	0.088	0.410	0.568	0.300	0.868	150.0	4.0	146
01 05 78	0905			.3		0.040	0.420	0.008	0.030	0.078	0.380	0.458		5.0L	
05 06 78	0850			.3		0.020	0.560	0.004	0.020	0.044	0.540	0.584		25.0	
04 07 78	0950			.3		0.020	0.810	0.006	0.020L	0.046	0.790	0.836		5.0L	
01 08 78	0855			.3		0.030	0.750	0.048	0.530	0.608	0.720	1.328		3.0	
05 09 78	0905			.3		0.080	17.000				16.920			330.0	
02 10 78	0820			.3		0.020	2.350	0.004	1.200	1.224	2.330	3.554		150.0	
06 11 78	0845			.3		0.06	0.82	0.006	0.11	0.176	0.760	0.936		5. L	
04 12 78	0845			.3		0.060	0.770	0.006	0.210	0.276	0.710	0.986		5.0L	
MAXIMUM						0.190	17.000	0.088	1.200	1.224	16.920	3.554	348.0	330.0	341
AVG OR GEOM MN (*)						0.053	2.101	0.020	0.278D	0.349	2.048	1.045	252.7	46.4D	248
MINIMUM						0.010	0.350	0.004	0.020	0.044	0.300	0.458	150.0	3.0	146
NO OF SAMPLES						12	12	11	11	11	12	11	3	12	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	0920			.3		270	415	2.10	16.5
06 02 78	0910			.3		247	380	1.10	14.0
13 03 78	0910			.3		286	440	1.50	17.0
04 04 78	0845			.3			285	1.80	9.0
01 05 78	0905			.3		160	246	0.75	7.0
05 06 78	0850			.3		189	290	2.10	10.0
04 07 78	0950			.3		163	250	1.60	12.0
01 08 78	0855			.3		208	320	1.50	18.0
05 09 78	0905			.3		266	410	45.00	23.0
02 10 78	0820			.3		276	425	15.00	26.0
06 11 78	0845			.3		218	335	1.4	18.
04 12 78	0845			.3		280	430	3.10	28.0
MAXIMUM						286	440	45.00	28.0
AVG OR GEOM MN (*)						233	352	6.41	16.5
MINIMUM						160	246	0.75	7.0
NO OF SAMPLES						11	12	12	12

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: AT COUNTY ROAD 6
STATION TYPE: RIVER

STATION ID: 06-0180-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

STN NO: 5 LAT: LONG: U T M: 18 0363020.0 4904800.0 4 REGION: 04 MILEAGE: 6.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 0905			.3		28501	1500.	24.	120.	2. L	0.0	4.0	0.5L	0.016	0.006
06 02 78 0845			.3		28518	10.	4. L	20.		0.0	4.0	0.5L	0.028	0.014
13 03 78 0850			.3		28534	560.	4.	72.		0.0	3.0	2.0	0.072	0.022
04 04 78 0825			.3		28551	60.	4. L	56.		0.0	8.0	1.0	0.024	0.016
01 05 78 0850			.3		28568	10.	4. L	4. L		6.0	11.0	0.5	0.022	0.008
05 06 78 0825			.3		28585					17.0	8.0	1.0	0.032	0.032
04 07 78 0935			.3		28602	2000.	4. L	10. L		22.0	10.0	2.0	0.032	0.002
01 08 78 0835			.3		28619	10.	8.	12.		20.0	8.0	0.5L	0.032	0.012
05 09 78 0845			.3		28636	100.	28.	152.		19.0	8.0	0.6	0.026	0.006
02 10 78 0800			.3		28653	100. L	8.	40.		13.0	8.0	1.2	0.042	0.036
06 11 78 0825			.3		28670	10. L	4.	4. L		10.0	9.0	0.9	0.024	0.004
04 12 78 0825			.3		28687	100.	20.	64.		0.0	10.0	0.9	0.024	0.006
MAXIMUM						2000.	28.	152.	2.	22.0	11.0	2.0	0.072	0.036
AVG OR GEOM MN (*)						81.* D	7.* D	28.* D	2.* D	8.9	7.6	1.0D	0.031	0.014
MINIMUM						10.	4.	4.	2.	0.0	3.0	0.5	0.016	0.002
NO OF SAMPLES						11	11	11	1.	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 0905			.3		0.070	0.370	0.034	0.190	0.294	0.300	0.594	316.0	2.0	314
06 02 78 0845			.3		0.050	0.380	0.008	0.130	0.188	0.330	0.518		15.0L	
13 03 78 0850			.3		0.580	1.400	0.006	0.020L	0.606	0.820	1.426	270.0	6.0	264
04 04 78 0825			.3		0.120	0.400	0.062	0.360	0.542	0.280	0.822	160.0	4.0	156
01 05 78 0850			.3		0.040	0.600	0.004	0.020L	0.064	0.560	0.624		5.0L	
05 06 78 0825			.3		0.090	0.840	0.004	0.020L	0.114	0.750	0.864		5.0L	
04 07 78 0935			.3		0.040	0.980	0.002	0.050	0.092	0.940	1.032		8.0	
01 08 78 0835			.3		0.090	0.960	0.004	0.020L	0.114	0.870	0.984		3.0	
05 09 78 0845			.3		0.020	1.200				1.180			5.0L	
02 10 78 0800			.3		0.030	0.960	0.092	0.160	0.282	0.930	1.212		5.0L	
06 11 78 0825			.3		0.07	0.85	0.004	0.02	0.094	0.780	0.874		5.	
04 12 78 0825			.3		0.080	0.770	0.004	0.100	0.184	0.690	0.874		5.0L	
MAXIMUM					0.580	1.400	0.092	0.360	0.606	1.180	1.426	316.0	15.0	314
AVG OR GEOM MN (*)					0.107	0.809	0.020	0.099D	0.234	0.703	0.893	248.7	5.7D	245
MINIMUM					0.020	0.370	0.002	0.020	0.064	0.280	0.518	160.0	2.0	156
NO OF SAMPLES					12	12	11	11	11	12	11	3	12	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 0905			.3		263	405	1.50	10.0
06 02 78 0845			.3		240	370	0.70	13.0
13 03 78 0850			.3		280	430	2.70	14.0
04 04 78 0825			.3			285	1.80	7.0
01 05 78 0850			.3		155	238	1.10	6.0
05 06 78 0825			.3		189	290	1.40	9.0
04 07 78 0935			.3		146	225	2.90	10.0
01 08 78 0835			.3		137	210	5.70	12.0
05 09 78 0845			.3		150	230	1.30	13.0
02 10 78 0800			.3		179	275	1.40	16.0
06 11 78 0825			.3		202	310	1.0	16.
04 12 78 0825			.3		257	395	1.30	19.0
MAXIMUM					280	430	5.70	19.0
AVG OR GEOM MN (*)					200	305	1.90	12.1
MINIMUM					137	210	0.70	6.0
NO OF SAMPLES					11	12	12	12

B.O.W./ SITE: COLLINS CREEK
SAMPLE POINT: AT THIRD CONCESSION ROAD 1.5 MILES NORTH OF COLLINS BAY
STATION TYPE: RIVER FLOW GAUGE FED 02HM005

STATION ID: 06-0183-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: COLLINS CREEK

STORET CODE: 02
004
0040

STN NO: 2 LAT: LONG: U T M: 18 0371250.0 4901400.0 4 REGION: 04 MILEAGE: 1.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 0835			.3		28500	110.00	1000.	52.	216.	2. L	0.0	10.0	0.5	0.052
06 02 78 0815			.3		28517	120.00	50.	8.	8.		0.0	6.0	0.5L	0.110
13 03 78 0820			.3		28539	29.00	180.	4.	4.		0.0	6.0	1.0	0.110
04 04 78 0755			.3		28550	703.00	30.	4.	12.		0.0	12.0	1.0	0.020
01 05 78 0830			.3		28567	90.40	40.	4. L	4. L		6.0	6.0	0.5L	0.038
05 06 78 0800			.3		28584	13.70					11.0	4.0	1.0	0.074
04 07 78 0915			.3		28601	0.39	43000.	440.	560.		18.0	4.0	1.5	0.090
01 08 78 0805			.3		28618	0.04	1600.	560.	136.		18.0	3.0	0.5L	0.172
05 09 78 0820			.3		28635	0.00	400.	220.	304.		17.0	4.0	1.0	0.094
02 10 78 0955			.3		28652	3.00	400.	48.	680.		11.0	5.0	0.2	0.034
06 11 78 0800			.3		28669	11.90	50.	24.	96.		9.0	6.0	0.6	0.026
04 12 78 0755			.3		28686	95.30	150.	48.	428.		1.0	7.0	0.3	0.036
MAXIMUM						703.00	43000.	560.	680.	2.	18.0	12.0	1.5	0.172
AVG OR GEOM MN (*)						98.06	282.*	34.* D	71.* D	2.* D	7.6	6.1	0.7D	0.071
MINIMUM						0.00	30.	4.	4.	2.	0.0	3.0	0.2	0.020
NO OF SAMPLES						12	11	11	11	1	12	12	12	12

(C O N T D)

B.O.W./ SITE: GOULAIS RIVER
SAMPLE POINT: AT BRIDGE GOULAIS RIVER
STATION TYPE: RIVER

STATION ID: 07-0009-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: GOULAIS RIVER

STORET CODE: 02
001
0090

STN NO: 3   LAT: LONG: U T M: 16 0700025.0 5177600.0 4   REGION: 05   MILEAGE: 7.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
05 02 78 1025			.3		24012	2.	2.	0.	0.0	16.0	1.2	0.004	0.003	0.020
25 03 78 0945			.3		24034				0.0	12.0	0.8	0.002	0.001L	0.122
11 06 78 1030			.3		24056				14.0	9.0	0.2			
08 07 78 1005			.3		24079				19.0	8.0	1.0	0.012	0.001	0.022
04 08 78 1145			.3		24102				16.0	8.0	0.2	0.012	0.001	0.040
01 10 78 0900			.3		24125				11.0	9.0	0.4	0.024	0.002	0.008
04 11 78 1800			.3		24148				7.0	13.0	0.8	0.007	0.002	0.002L
30 12 78 1110			.3		24171	500.	100.		0.0	8.0	0.2	0.006	0.001	0.133
MAXIMUM						500.	100.	0.00	19.0	16.0	1.2	0.024	0.003	0.133
AVG OR GEOM MN (*)						32.*	14.*	1.*	8.4	10.4	0.6	0.010	0.002D	0.050D
MINIMUM						2.	2.	0.	0.0	8.0	0.2	0.002	0.001	0.002
NO OF SAMPLES						2	2	1	8	8	8	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
05 02 78 1025			.3		0.220	0.002	0.268	0.290	0.200	0.490	42.0	0.5	41	63
25 03 78 0945			.3		0.420	0.008	0.477	0.607	0.298	0.905	74.0	9.6	64	98
11 06 78 1030			.3								38.0	7.5	31	48
08 07 78 1005			.3		0.370	0.001	0.160	0.183	0.348	0.531	49.0	7.5	42	64
04 08 78 1145			.3		0.280	0.002	0.150	0.192	0.240	0.432	41.0	4.9	36	56
01 10 78 0900			.3		0.360	0.003	0.160	0.171	0.352	0.523	44.0	14.0	30	47
04 11 78 1800			.3		0.24	0.004	0.016	0.022	0.238	0.260	40.	4.	36	55
30 12 78 1110			.3		0.300	0.008	0.089	0.230	0.167	0.397	98.	18.	80	123
MAXIMUM					0.420	0.008	0.477	0.607	0.352	0.905	98.	18.	80	123
AVG OR GEOM MN (*)					0.313	0.004	0.189	0.242	0.263	0.505	53.3	8.3	45	69
MINIMUM					0.220	0.001	0.016	0.022	0.167	0.260	38.0	0.5	30	47
NO OF SAMPLES					7	7	7	7	7	7	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
05 02 78 1025			.3		2.30	1.4	8.5	3.70	6.74	0.220	1.0		19	
25 03 78 0945			.3		17.00	6.9	5.5	6.60	6.46	5.100	3.0	3.0	40	
11 06 78 1030			.3		2.10				7.15		1.0	5.1		0.001L
08 07 78 1005			.3		11.00	1.6	8.0	3.00	7.26	0.540		4.4		
04 08 78 1145			.3		2.20	1.4	7.0	2.95	7.04	0.540		4.1		
01 10 78 0900			.3		5.90	1.4	9.5	2.85	7.19	0.630	6.0	7.0		
04 11 78 1800			.3		2.1	1.4	8.5	3.30	6.50	0.25	1.	5.8		0.001L
30 12 78 1110			.3		11.	12.5	6.5	8.05	6.42	5.2		5.		
MAXIMUM					17.00	12.5	9.5	8.05	7.26	5.2	6.0	7.0	40	0.001
AVG OR GEOM MN (*)					6.70	3.8	7.6	4.35	6.85	1.783	2.4	4.9	30	0.001D
MINIMUM					2.10	1.4	5.5	2.85	6.42	0.220	1.0	3.0	19	0.001
NO OF SAMPLES					8	7	7	7	8	7	5	7	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 06 78 1030			.3		0.030L	0.020L	0.040	0.030L	0.005L	0.040	0.020L
04 11 78 1800			.3		0.030		0.010L	0.030L	0.005L	0.010	0.040L
MAXIMUM					0.030	0.020	0.040	0.030	0.005	0.040	0.040
AVG OR GEOM MN (*)					0.030D	0.020D	0.025D	0.030D	0.005D	0.025	0.030D
MINIMUM					0.030	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	1	2	2	2	2	2

B.O.W./ SITE: HARMONY RIVER
SAMPLE POINT: HIGHWAY 17 CHIPPEWA FALLS
STATION TYPE: RIVER

STATION ID: 07-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: HARMONY RIVER

STORET CODE: 02
001
0260

STN NO: 1   LAT: LONG: U T M: 16 0695950.0 5200375.0 4   REGION: 05   MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
05 02 78 1111			.3		24013	2.	0.	0.	0.0	17.0	0.8	0.006	0.001	0.022
25 03 78 1015			.3		24035				0.0	17.0	0.2	0.005	0.001L	0.012
11 06 78 1110			.3		24058				14.0	9.0	0.2			
08 07 78 1100			.3		24081				19.0	9.0	0.8	0.006	0.001L	0.012
04 08 78 1230			.3		24104				14.0	9.0	0.2	0.011	0.001	0.008
01 10 78 0945			.3		24127				12.0	10.0	0.4	0.004	0.001	0.006
04 11 78 1700			.3		24150				7.0	9.0	0.2	0.018	0.002	0.006
30 12 78 1150			.3		24172				1.0	9.0	0.2	0.006	0.001L	0.034
MAXIMUM						2.	0.00	0.00	19.0	17.0	0.8	0.018	0.002	0.034
AVG OR GEOM MN (*)						2.*	1.*	1.*	8.4	11.1	0.4	0.008	0.001D	0.014
MINIMUM						2.	0.	0.	0.0	9.0	0.2	0.004	0.001	0.006
NO OF SAMPLES						1	1	1	8	8	8	7	7	7

(C O N T D)

B.O.W./ SITE: HARMONY RIVER
SAMPLE POINT: HIGHWAY 17 CHIPPEWA FALLS
STATION TYPE: RIVER

STATION ID: 07-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: HARMONY RIVER

STORET CODE: 02
001
0260

STN NO: 1 LAT: LONG: U T M: 16 0695950.0 5200375.0 4 REGION: 05 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
05 02 78 1111			.3		0.210	0.002	0.293	0.317	0.188	0.505	40.0	0.6	39	60
25 03 78 1015			.3		0.230	0.001L	0.410	0.423	0.218	0.641	44.0	3.2	41	63
11 06 78 1110			.3								30.0	0.8	29	54
08 07 78 1100			.3		0.230	0.001	0.245	0.258	0.218	0.476	38.0	2.4	36	56
04 08 78 1230			.3		0.230	0.002	0.205	0.215	0.222	0.437	38.0	2.6	35	54
01 10 78 0945			.3		0.300	0.003	0.175	0.184	0.294	0.478	31.0	2.4	29	45
04 11 78 1700			.3		0.34	0.002	0.243	0.251	0.334	0.585	36.	2.	34	53
30 12 78 1150			.3		0.240	0.002	0.307	0.343	0.206	0.549	39.	2.1	37	56
MAXIMUM					0.34	0.003	0.410	0.423	0.334	0.641	44.0	3.2	41	63
AVG OR GEOM MN (*)					0.254	0.002D	0.268	0.284	0.240	0.524	37.0	2.0	35	55
MINIMUM					0.210	0.001	0.175	0.184	0.188	0.437	30.0	0.6	29	45
NO OF SAMPLES					7	7	7	7	7	7	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
05 02 78 1111			.3		1.80	0.8	8.0	3.15	6.87	0.160	2.0		19	
25 03 78 1015			.3		2.60	0.9	7.5	3.30	7.34	0.490	1.0	26.0	29	
11 06 78 1110			.3		0.70				7.24		4.0	5.3		0.001L
08 07 78 1100			.3		2.40	0.6	7.0	2.45	7.44	0.220		4.2		
04 08 78 1230			.3		1.40	0.6	7.0	2.60	7.09	0.230		4.6		
01 10 78 0945			.3		1.70	0.6	7.5	2.50	7.19	0.230	1.0L	6.1		
04 11 78 1700			.3		1.2	0.7	7.5	2.80	7.20	0.15	1. L	4.6		0.001L
30 12 78 1150			.3		1.6	1.1	8.5	3.00	7.45	0.210		4.		
MAXIMUM					2.60	1.1	8.5	3.30	7.45	0.490	4.0	26.0	29	0.001
AVG OR GEOM MN (*)					1.68	0.8	7.6	2.83	7.23	0.241	1.8D	7.8	24	0.001D
MINIMUM					0.70	0.6	7.0	2.45	6.87	0.15	1.0	4.	19	0.001
NO OF SAMPLES					8	7	7	7	8	7	5	7	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 06 78 1110			.3		0.030L	0.020L	0.020	0.030L	0.005L	0.010L	0.020L
04 11 78 1700			.3		0.020		0.020	0.030L	0.005L	0.010L	0.020
MAXIMUM					0.030	0.020	0.020	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					0.025D	0.020D	0.020	0.030D	0.005D	0.010D	0.020D
MINIMUM					0.020	0.020	0.020	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	1	2	2	2	2	2

B.O.W./ SITE: BATCHAWANA RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BF001

STATION ID: 07-0031-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BATCHAWANA RIVER

STORET CODE: 02
001
0280

STN NO: 1 LAT: LONG: U T M: 16 0688150.0 5200500.0 4 REGION: 05 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
05 02 78 1200			.3		24014	193.00	6.	6.	0.	0.0	14.0	1.0	0.038	0.001
25 03 78 1029			.3		24036	149.00				0.0	12.0	0.2	0.083	0.001L
11 06 78 1155			.3		24059	535.00				14.0	9.0	0.4		
08 07 78 1115			.3		24082	461.00				19.0	8.0	0.5	0.005	0.001L
04 08 78 1255			.3		24105	325.00				18.0	10.0	0.2	0.011	0.002
01 10 78 1000			.3		24128	738.00				10.0	11.0	1.2	0.009	0.001
04 11 78 1600			.3		24151	376.00				7.0	11.0	0.2	0.016	0.002
30 12 78 1220			.3		24173	285.00				0.0	10.0	0.2		
MAXIMUM						738.00	6.	6.	0.00	19.0	14.0	1.2	0.083	0.002
AVG OR GEOM MN (*)						382.75	6.*	6.*	1.*	8.5	10.6	0.5	0.027	0.001D
MINIMUM						149.00	6.	6.	0.	0.0	8.0	0.2	0.005	0.001
NO OF SAMPLES						8	1	1	1	8	8	8	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
05 02 78 1200			.3		0.044	0.330	0.002	0.363	0.409	0.286	0.695	71.0	28.0	43
25 03 78 1029			.3		0.042	0.210	0.001	0.494	0.537	0.168	0.705	48.0	0.7	47
11 06 78 1155			.3									36.0	0.9	35
08 07 78 1115			.3		0.022	0.310	0.001	0.255	0.278	0.288	0.566	36.0	0.5	36
04 08 78 1255			.3		0.016	0.220	0.003	0.215	0.234	0.204	0.438	36.0	0.9	35
01 10 78 1000			.3		0.016	0.610	0.004	0.240	0.260	0.594	0.854	38.0	1.6	36
04 11 78 1600			.3		0.016	0.32	0.003	0.277	0.296	0.304	0.600	38.	3.	35
30 12 78 1220			.3									40.	1.1	39
MAXIMUM					0.044	0.610	0.004	0.494	0.537	0.594	0.854	71.0	28.0	47
AVG OR GEOM MN (*)					0.026	0.333	0.002	0.307	0.336	0.307	0.643	42.9	4.6	38
MINIMUM					0.016	0.210	0.001	0.215	0.234	0.168	0.438	36.0	0.5	35
NO OF SAMPLES					6	6	6	6	6	6	6	8	8	8

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 02 78 1200			.3		67	5.30	0.8	8.0	3.70	6.82	1.400	1.0		28
25 03 78 1029			.3		73	1.20	1.1	8.0	3.85	7.27	0.540	1.0L	3.0	33
11 06 78 1155			.3		54	0.60				7.14		1.0L	7.4	
08 07 78 1115			.3		55	0.60	0.6	8.0	2.65	7.26	0.120		4.8	
04 08 78 1255			.3		54	1.50	0.6	6.5	2.75	7.07	0.180		5.1	
01 10 78 1000			.3		55	1.60	1.1	7.5	2.60	6.13	0.200	1.0L	7.2	
04 11 78 1600			.3		54	1.1	0.7	7.5	3.0	6.85	0.24	1. L	6.3	
30 12 78 1220			.3		59	1.5	1.4	9.0	3.70	6.99	0.180		4.	
MAXIMUM					73	5.30	1.4	9.0	3.85	7.27	1.400	1.0	7.4	33
AVG OR GEOM MN (*)					59	1.68	0.9	7.8	3.18	6.94	0.409	1.00	5.4	31
MINIMUM					54	0.60	0.6	6.5	2.60	6.13	0.120	1.0	3.0	28
NO OF SAMPLES					8	8	7	7	7	8	7	5	7	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
11 06 78 1155			.3		0.001L	0.030L	0.020L	0.020	0.030L	0.005L	0.010L	0.020L
04 11 78 1600			.3		0.001L	0.020		0.010L	0.030L	0.005L	0.020	0.040L
MAXIMUM					0.001	0.030	0.020	0.020	0.030	0.005	0.020	0.040
AVG OR GEOM MN (*)					0.001D	0.025D	0.020D	0.015D	0.030D	0.005D	0.015D	0.030D
MINIMUM					0.001	0.020	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					2	2	1	2	2	2	2	2

B.O.W./ SITE: HICKORY CREEK
SAMPLE POINT: AT PLYMPTON TWP ROAD NO 14 DOWNSTREAM FROM FOREST
STATION TYPE: RIVER

STATION ID: 08-0010-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: HICKORY CREEK

STORET CODE: 02
002
0100

STN NO: | LAT: LONG: U T M: 17 0416010.0 4772325.0 4 REGION: 01 MILEAGE: 5.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 03 78 1130			.3		40060	6	2900.	60.	600. G	4. L	1.5	13.2	1.4	0.166
25 04 78 1515			.3		40100	6	480.	4.	100. L	4. L	13.0	16.0	1.6	0.096
21 06 78 1530			.3		40144	6 9	400.	80.	270.	8.	25.2	13.6	4.4	0.270
18 07 78 1205			.3		40170	5 9	500.	430.	480.	128.	26.0		5.2	0.470
09 08 78 1050			.3		40196	5	15200.	452.	316.	4.	21.8	7.0	5.0	0.290
19 09 78 1130			.3		40222	5	37000.	820.	1500. G	90.	21.0	7.2	2.6	0.133
17 10 78 1400			.3		40253	6	900.	80.	90.	4. L	8.8	12.0	3.6	0.090
29 11 78 1305			.3		40283	6	47000E+1G	1500. G	29000. G	230.	2.0	13.4	41.0	4.100
12 12 78 1400			.3		40303	4	6500.	100. L	2100.	4. L	0.8	14.3	1.6	0.120
MAXIMUM							47000E+1	1500.	29000.	230.	26.0	16.0	41.0	4.100
AVG OR GEOM MN (*)							4226.* U	149.* E	648.* E	14.* D	13.3	12.1	7.4	0.637
MINIMUM							400.	4.	90.	4.	0.8	7.0	1.4	0.090
NO OF SAMPLES							9	9	9	9	9	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
28 03 78 1130			.3		0.125	0.365	0.970	0.039	3.550	3.954	0.605	4.559	252.0	23.0
25 04 78 1515			.3		0.037	0.190	0.500	0.039	3.500	3.729	0.310	4.039	380.0	36.0
21 06 78 1530			.3		0.095	0.050	1.280	0.182	1.500	1.732	1.230	2.962	548.0	77.0
18 07 78 1205			.3		0.117	0.160	1.950	0.026	0.010	0.196	1.790	1.986	614.0	204.0
09 08 78 1050			.3		0.046	0.015	1.500	0.005	0.010L	0.030	1.485	1.515	418.0	78.0
19 09 78 1130			.3		0.056	0.135	0.695	0.123	4.520	4.778	0.560	5.338	400.0	86.0
17 10 78 1400			.3		0.013	0.025	0.900	0.007	0.020	0.052	0.875	0.927	490.0	11.5
29 11 78 1305			.3		2.480	7.400	16.800	0.053	0.540	7.993	9.400	17.393	948.0	130.0
12 12 78 1400			.3		0.061	0.400	1.070	0.141	17.800	18.341	0.670	19.011	612.0	8.0
MAXIMUM					2.480	7.400	16.800	0.182	17.800	18.341	9.400	19.011	948.0	204.0
AVG OR GEOM MN (*)					0.337	0.971	2.852	0.068	3.4940	4.534	1.881	6.414	518.0	72.6
MINIMUM					0.013	0.015	0.500	0.005	0.010	0.030	0.310	0.927	252.0	8.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
28 03 78 1130			.3			256	394	43.00	10.5	7.93
25 04 78 1515			.3		344		580	22.00	24.5	
21 06 78 1530			.3		471		640	47.00	50.0	8.44
18 07 78 1205			.3		410		658	148.00	78.0	7.89
09 08 78 1050			.3		340		605	44.00	75.0	7.82
19 09 78 1130			.3		314		562	99.00	33.0	7.85
17 10 78 1400			.3		478		760	19.00	88.0	8.03
29 11 78 1305			.3		818		1340	92.00	170.0	8.29
12 12 78 1400			.3		604		950	9.00	76.0	8.18
MAXIMUM					818	256	1340	148.00	170.0	8.44
AVG OR GEOM MN (*)					472	256	721	58.11	67.2	8.05
MINIMUM					314	256	394	9.00	10.5	7.82
NO OF SAMPLES					8	1	9	9	9	8

B.O.W./ SITE: THE CUT
SAMPLE POINT: AT HIGHWAY 21
STATION TYPE: RIVER

STATION ID: 08-0021-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO: 1 LAT: LONG: U T M: 17 0429800.0 4785600.0 4 REGION: 01 MILEAGE: 3.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1230			.3		41009	4 6	800.			4. L	1.0	11.0	1.0	0.052
14 02 78	1235			.3		41021	4 6	100.	60.	20.	4. L	0.5	8.0	0.6	0.067
14 03 78	1235			.3		41032	4 6	600. G	36.	28.	4. L	2.0	12.0	3.8	0.110
12 04 78	1140			.3		41044	6 3	7500.	340.	520.	30.	6.0	10.0	2.8	0.645
	1215			.3		40460	6	1350.	580.	1250.	10. L	7.8	12.6	2.6	0.595
25 04 78	1530			.3		40101	6	50.	4. L	4. L	4. L			2.2	0.046
09 05 78	1125			.3		41056	6	200.	4.	16.	4. L	13.0		2.2	0.046
13 06 78	1145			.3		41068	6	2700.	164.	248.	4. L	15.0	9.0	1.9	0.054
11 07 78	1230			.3		41080	6	300.	24.	60.	4. L	20.0	7.5	1.0	0.040
08 08 78	1140			.3		41092	6	120.	10. L	10. L	4. L	25.0	7.0	1.4	0.024
18 09 78	1100			.3		41104	6	560.	10.	20.	4. L	15.0	7.0	0.7	0.043
10 10 78	1330			.3		41116	3 8	2000.	148.	76.	4.	11.0	10.5	1.8	0.091
14 11 78	1120			.3		41128	6	250.	10. L	10. L	4. L			1.6	0.032
12 12 78	1105			.3		41140	6	3600.	148.	480.	4. L			1.5	0.083
MAXIMUM								7500.	580.	1250.	30.	25.0	12.6	3.8	0.645
AVG OR GEOM MN (*)								579.* U	40.* D	53.* D	5.* D	10.6	9.5	1.8	0.138
MINIMUM								50.	4.	4.	4.	0.5	7.0	0.6	0.024
NO OF SAMPLES								14	13	13	14	11	10	14	14

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1230			.3		0.029	0.175	0.515	0.023	4.900	5.098	0.340	5.438	364.0	3.5
14 02 78	1235			.3		0.047	0.230	0.600	0.025	3.720	3.975	0.370	4.345	390.0	4.5
14 03 78	1235			.3		0.083	0.325	0.690	0.020	2.620	2.965	0.365	3.330	316.0	30.0
12 04 78	1140			.3		0.186	0.310	1.920	0.066	3.220	3.596	1.610	5.206	666.0	328.0
	1215			.3		0.147	0.240	1.780	0.051	3.190	3.481	1.540	5.021	646.0	326.0
25 04 78	1530			.3		0.009	0.035	0.510	0.017	3.800	3.852	0.475	4.327	376.0	32.0
09 05 78	1125			.3		0.006	0.020	0.575	0.013	2.900	2.933	0.555	3.488	348.0	20.5
13 06 78	1145			.3		0.006	0.050	0.635	0.019	1.750	1.819	0.585	2.404	374.0	26.0
11 07 78	1230			.3		0.009	0.045	0.540	0.021	2.030	2.096	0.495	2.591	392.0	18.0
08 08 78	1140			.3		0.005	0.035	0.500	0.011	0.320	0.366	0.465	0.831	308.0	8.0
18 09 78	1100			.3		0.009	0.065	0.520	0.022	0.710	0.797	0.455	1.252	302.0	20.0
10 10 78	1330			.3		0.043	0.055	0.630	0.044	7.750	7.849	0.575	8.424	474.0	30.5
14 11 78	1120			.3		0.008	0.030	0.500	0.012	1.990	2.032	0.470	2.502	364.0	17.5
12 12 78	1105			.3		0.040	0.075	0.535	0.030	14.000	14.105	0.460	14.565	368.0	15.0
MAXIMUM						0.186	0.325	1.920	0.066	14.000	14.105	1.610	14.565	666.0	328.0
AVG OR GEOM MN (*)						0.045	0.121	0.746	0.027	3.779	3.926	0.626	4.552	406.3	62.8
MINIMUM						0.005	0.020	0.500	0.011	0.320	0.366	0.340	0.831	302.0	3.5
NO OF SAMPLES						14	14	14	14	14	14	14	14	14	14

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
24 01 78	1230			.3		361		620	4.60	15.5	42.0	2.35	7.79	0.280	1.0L
14 02 78	1235			.3		386		650	5.60	16.0	44.0	2.95	7.67	0.300	1.0L
14 03 78	1235			.3		286		565	6.20	30.5	39.0	1.80	7.80	0.630	1.0
12 04 78	1140			.3			221	340	300.00	9.0	19.5	2.45	8.03	16.800	2.0
	1215			.3			220	339	310.00	9.0	20.0	2.40	7.84	16.200	1.5
25 04 78	1530			.3		344		540	20.00	12.5	36.0	1.15	8.32	0.800	1.0L
09 05 78	1125			.3		328		522	15.00	16.0	39.0	0.30	8.31	0.800	1.0L
13 06 78	1145			.3		348		535	5.80	15.0	43.0	1.05	8.14	0.940	1.0L
11 07 78	1230			.3		374		530	19.00	15.5	43.0	1.90	8.09	0.790	1.0L
08 08 78	1140			.3		300		468	8.40	14.0	45.0	2.05	8.02	0.330	1.0L
18 09 78	1100			.3		282		469	24.00	13.5	50.0	2.15	8.04	0.930	1.0
10 10 78	1330			.3		443		581	36.00	25.0	40.5	2.90	8.24	1.540	1.0L
14 11 78	1120			.3		346		575	15.00	25.5					1.0L
12 12 78	1105			.3		353		645	16.00	24.5					1.0L
MAXIMUM						443	221	650	310.00	30.5	50.0	2.95	8.32	16.800	2.0
AVG OR GEOM MN (*)						346	221	527	56.11	17.3	38.4	1.95	8.02	3.362	1.1D
MINIMUM						282	220	339	4.60	9.0	19.5	0.30	7.67	0.280	1.0
NO OF SAMPLES						12	2	14	14	14	12	12	12	12	14

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
24 01 78	1230			.3		5.0	15		0.001L		0.020L	0.010L	0.030L	0.005L	0.010L
14 02 78	1235			.3			10								
14 03 78	1235			.3		8.0	21								
12 04 78	1140			.3		7.1	43		0.005		0.02 L	0.01 L	0.03 L	0.005L	0.07
	1215			.3		7.0	39	1	0.005	0.050	0.020	0.020	0.030L	0.005L	0.070
25 04 78	1530			.3		4.0	17	0			0.020L	0.010L	0.030L	0.005L	0.010L
09 05 78	1125			.3		3.8	14								
13 06 78	1145			.3			20								
11 07 78	1230			.3		78.0	12		0.001		0.020L	0.010L	0.030L	0.005L	0.060
08 08 78	1140			.3		3.7	16								
18 09 78	1100			.3		3.6	20								
10 10 78	1330			.3		3.6	20								
14 11 78	1120			.3		3.6	20								
12 12 78	1105			.3		3.6	20								
MAXIMUM						78.0	43	1	0.005	0.050	0.020	0.020	0.030	0.005	0.07
AVG OR GEOM MN (*)						10.9	21	1	0.003D	0.050	0.020D	0.012D	0.030D	0.005D	0.044D
MINIMUM						3.6	10	0	0.001	0.050	0.020	0.010	0.030	0.005	0.010
NO OF SAMPLES						12	14	2	4	1	5	5	5	5	5

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
24 01 78	1230			.3		0.020L
12 04 78	1140			.3		0.02
	1215			.3		0.020L
25 04 78	1530			.3		0.020L
11 07 78	1230			.3		0.020L
MAXIMUM						0.020
AVG OR GEOM MN (*)						0.0200
MINIMUM						0.020
NO OF SAMPLES						5

B.O.W./ SITE: DECKER CREEK
SAMPLE POINT: NEAR BRICK YARD, THEDFORD
STATION TYPE: RIVER

STATION ID: 08-0022-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO: 2 LAT: LONG: U T M: 17 0430475.0 4780600.0 4 REGION: 01 MILEAGE: 6.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1245			.3		41010	4 6	38000.	740.	1100.	4. L	1.0	13.0	3.1	0.332
14 02 78	1255			.3		41022	4 6	31000.	2000.	1260.	4. L	0.5	11.5	0.8	0.356
14 03 78	1255			.3		41033	4 6	19900E+1G	10800.	5400.	20.	2.0	11.0	9.6	0.750
12 04 78	1200			.3		41045	6 3	49000.	3000.	4300.	4. L	6.0	11.5	1.4	0.162
09 05 78	1145			.3		41057	6	80000.	1500.	410.	4.	12.0		3.6	0.187
13 06 78	1230			.3		41069	6	15700E+1G	4600.	3000.	44.	14.0	8.5	3.4	0.157
11 07 78	1300			.3		41081	8 6	3000.	230.	150.	4. L	19.5	5.0	6.4	1.370
08 08 78	1155			.3		41093	6 5	23000.	490.	510.	4. L	25.0	2.5	4.0	1.700
18 09 78	1115			.3		41105	6	32000E+1G	1500. G	1500. G	1000.	15.0	5.0	4.8	1.100
10 10 78	1345			.3		41117	3	34000.	160.	100.	16.	11.5	11.5	2.3	0.390
14 11 78	1140			.3		41129	6	70000.	1430.	580.	4. L			3.4	0.660
12 12 78	1120			.3		41141	6	35000.	570.	420.	4. L			1.5	0.109
MAXIMUM								32000E+1	10800.	5400.	1000.	25.0	13.0	9.6	1.700
AVG OR GEOM MN (*)								50346.* U	1180.* U	832.* U	10.* D	10.7	8.8	3.7	0.606
MINIMUM								3000.	160.	100.	4.	0.5	2.5	0.8	0.109
NO OF SAMPLES								12	12	12	12	10	9	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1245			.3		0.231	1.800	2.450	0.037	3.200	5.037	0.650	5.687	534.0	19.0
14 02 78	1255			.3		0.211	1.580	2.060	0.025	2.300	3.905	0.480	4.385	494.0	18.0
14 03 78	1255			.3		0.273	0.120	2.600	0.071	2.470	2.661	2.480	5.141	800.0	356.0
12 04 78	1200			.3		0.087	0.145	0.980	0.036	3.350	3.531	0.835	4.366	362.0	32.0
09 05 78	1145			.3		0.109	0.385	1.200	0.071	1.560	2.016	0.815	2.831	450.0	22.0
13 06 78	1230			.3		0.089	0.265	0.950	0.150	7.800	8.215	0.685	8.900	440.0	23.5
11 07 78	1300			.3		0.950	1.400	2.150	0.290	4.100	5.790	0.750	6.540	574.0	23.0
08 08 78	1155			.3		1.350	5.300	6.600	0.660	1.500	7.460	1.300	8.760	696.0	29.0
18 09 78	1115			.3		0.280	0.515	4.030	0.370	5.300	6.185	3.515	9.700	1182.0	748.0
10 10 78	1345			.3		0.305	0.195	0.905	0.035	2.700	2.930	0.710	3.640	520.0	10.0
14 11 78	1140			.3		0.405	0.635	2.200	0.133	1.770	2.538	1.565	4.103	620.0	53.0
12 12 78	1120			.3		0.059	0.270	0.685	0.076	13.600	13.946	0.415	14.361	614.0	12.0
MAXIMUM						1.350	5.300	6.600	0.660	13.600	13.946	3.515	14.361	1182.0	748.0
AVG OR GEOM MN (*)						0.362	1.051	2.234	0.163	4.138	5.351	1.183	6.535	607.2	112.1
MINIMUM						0.059	0.120	0.685	0.025	1.500	2.016	0.415	2.831	362.0	10.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1245			.3		515	870	13.00	51.0
14 02 78	1255			.3		476	790	13.00	36.5
14 03 78	1255			.3		444	700	300.00	100.0
12 04 78	1200			.3		330	474	55.00	17.0
09 05 78	1145			.3		428	640	17.00	43.5
13 06 78	1230			.3		417	655	19.00	38.0
11 07 78	1300			.3		551	900	18.00	70.0
08 08 78	1155			.3		667	1120	24.00	100.0
18 09 78	1115			.3		434	605	480.00	49.5
10 10 78	1345			.3		510	759	7.20	65.0
14 11 78	1140			.3		567	930	24.00	92.0
12 12 78	1120			.3		602	901	7.40	56.0
MAXIMUM						667	1120	480.00	100.0
AVG OR GEOM MN (*)						495	779	81.47	59.9
MINIMUM						330	474	7.20	17.0
NO OF SAMPLES						12	12	12	12

```
                                                                                              STATION ID:  08-0022-007-02

B.O.W./ SITE: HENSALL CREEK
SAMPLE POINT: AT CONCESSION ROAD 2, WEST OF HENSALL                                            STORET CODE: 02
STATION TYPE: RIVER    FLOW GAUGE MOE 02FF105        MAJOR BASIN: GREAT LAKES                               002
                                                     MINOR BASIN: LAKE HURON                                0180
                                                     TERM STREAM: AUSABLE RIVER

STN NO:      7     LAT:               LONG:          U T M: 17 0457675.0 4808250.0 4    REGION: 01       MILEAGE:   86.50

                                  934   901           80          81          84         88      805       3       1      33
SAMP DTE HOUR  STN  STN SAMP PJ SAMPLE  SCD        TOTAL       FECAL        M.F.     PSEUD.    WATER   DISS.   5-DAY   TOTAL
DY MO YR LMT   DIST BRG DEPTH       NO           COLIFORM    COLIFORM      ENTER.        MPA    TEMP.      02     BOD       P
               FEET     MTRS                     MF/100ML    MF/100ML    MF/100ML   MF/100ML    DEG C    MG/L    MG/L    MG/L

24 01 78 1040            .3   41005  4 6        1100.         50.                     4.  L      0.5     7.0     0.5   0.026
14 02 78 1105            .3   41017  4 6        1100.        170.       1500.  G      4.  L      0.5    12.0     0.3   0.044
14 03 78 1045            .3   41028  4 6 3     27000.       2900.       4500.         4.  L      2.0     9.0     2.1   0.067
12 04 78 1015            .3   41040  6 3        1200.        110.        330.         4.  L      5.0    11.0     1.1   0.150
09 05 78 1000            .3   41052  6          2500.        276.        320.         4.  L     11.0     7.0     3.0   0.107
13 06 78 1010            .3   41064  6         56000.       1500.  G    1380.        40.        12.0     8.0     1.8   0.193
11 07 78 1100            .3   41076  8 6        1000.         60.         40.         4.  L     17.0    11.5     0.8   0.018
08 08 78 1025            .3   41088  8 6         900.        110.       1700.         4.  L     22.0     8.5     0.9   0.022
18 09 78 0955            .3   41100  6 8    14000E+1G     24000.  G    1500.  G    168.         13.5     7.5     5.2   0.530
10 10 78 1140            .3   41112  3 8        5000.        230.        140.         4.  L     10.5    10.5     0.6   0.057
14 11 78 0955            .3   41124  6          1000.        150.        260.         4.  L                      1.6   0.027
12 12 78 0955            .3   41136  6          1300.        270.        300.         4.  L                      1.0   0.038

                       MAXIMUM              14000E+1      24000.       4500.       168.         22.0    12.0     5.2   0.530
          AVG OR GEOM MN (*)                  3584.* U      330.* U     538.* U      7.* D       9.4     9.2     1.6   0.107
                       MINIMUM                 900.          50.         40.         4.          0.5     7.0     0.3   0.018

              NO OF SAMPLES                      12           12          11         12           10      10      12      12

                               34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP PJ FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH   REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET     MTRS     P MG/L       MG/L       MG/L   MG/L       MG/L            MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 1040            .3       0.021      0.075      0.240      0.035      6.700      6.810      0.165      6.975      342.0        3.0
14 02 78 1105            .3       0.023      0.285      0.460      0.039      6.100      6.424      0.175      6.599      344.0        2.0
14 03 78 1045            .3       0.033      0.125      0.545      0.042      4.750      4.917      0.420      5.337      304.0        9.0
12 04 78 1015            .3       0.106      0.125      0.650      0.027      4.910      5.062      0.525      5.587      228.0        7.0
09 05 78 1000            .3       0.048      0.245      0.900      0.117      5.400      5.762      0.655      6.417      352.0        4.5
13 06 78 1010            .3       0.119      0.240      0.850      0.390     30.100     30.730      0.610     31.340      614.0       21.5
11 07 78 1100            .3       0.005      0.015      0.305      0.020      4.000      4.035      0.290      4.325      346.0        3.0
08 08 78 1025            .3       0.005      0.005      0.360      0.040      2.900      2.945      0.355      3.300      314.0        4.0
18 09 78 0955            .3       0.275      0.235      1.280      0.067      6.970      7.272      1.045      8.317      390.0       63.0
10 10 78 1140            .3       0.043      0.030      0.365      0.040     11.100     11.170      0.335     11.505      476.0        2.5
14 11 78 0955            .3       0.013      0.005      0.445      0.019      4.500      4.524      0.440      4.964      334.0        4.0
12 12 78 0955            .3       0.025      0.030      0.220      0.021      9.300      9.351      0.190      9.541      354.0        1.0

                       MAXIMUM    0.275      0.285      1.280      0.390     30.100     30.730      1.045     31.340      614.0       63.0
          AVG OR GEOM MN (*)      0.060      0.118      0.552      0.071      8.061      8.250      0.434      8.684      366.5       10.4
                       MINIMUM    0.005      0.005      0.220      0.019      2.900      2.945      0.165      3.300      228.0        1.0

              NO OF SAMPLES          12         12         12         12         12         12         12         12         12         12

                                 7        107         14         16          56
SAMP DTE HOUR  STN  STN SAMP PJ  DISS.   CALCUL       COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH   SOLIDS   D-SOLIDS       25C   FORMAZIN       MG/L
               FEET     MTRS      MG/L   MG/L         UMHOS      UNITS


24 01 78 1040            .3        339                  600       1.10       12.5
14 02 78 1105            .3        342                  625       2.30       13.0
14 03 78 1045            .3        295                  580       3.50       15.5
12 04 78 1015            .3                   258       397      22.00        7.0
09 05 78 1000            .3        348                  525       4.90       14.5
13 06 78 1010            .3        593                  720      14.00       20.0
11 07 78 1100            .3        343                  515       1.00       12.0
08 08 78 1025            .3        310                  505       1.10       13.0
18 09 78 0955            .3        327                  540      26.0        18.0
10 10 78 1140            .3        473                  661       1.80       16.5
14 11 78 0955            .3        330                  570       3.10       13.5
12 12 78 0955            .3        353                  650       1.30       17.5

                       MAXIMUM     593        258       720      26.0        20.0
          AVG OR GEOM MN (*)       368        258       574       6.84       14.4
                       MINIMUM     295        258       397       1.00        7.0

              NO OF SAMPLES         11          1        12         12         12
```

```
                                                                                              STATION ID:  08-0022-010-02

B.O.W./ SITE: LITTLE AUSABLE RIVER
SAMPLE POINT: AT BRIDGE, TWP LINE WEST OF LUCAN                                                STORET CODE: 02
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                               002
                                                     MINOR BASIN: LAKE HURON                                0180
                                                     TERM STREAM: AUSABLE RIVER

STN NO:     10     LAT:               LONG:          U T M: 17 0463600.0 4780750.0 4    REGION: 01       MILEAGE:   68.30

                                  934   901           80          81          84         88      805       3       1      33
SAMP DTE HOUR  STN  STN SAMP PJ SAMPLE  SCD        TOTAL       FECAL        M.F.     PSEUD.    WATER   DISS.   5-DAY   TOTAL
DY MO YR LMT   DIST BRG DEPTH       NO           COLIFORM    COLIFORM      ENTER.        MPA    TEMP.      02     BOD       P
               FEET     MTRS                     MF/100ML    MF/100ML    MF/100ML   MF/100ML    DEG C    MG/L    MG/L    MG/L

24 01 78 1355            .3   41011  4 6                                                         1.0    12.0     0.9   0.084
14 02 78 1340            .3   41023  4 6        2100.        130.        100.         4.  L      0.5    12.0     1.3   0.139
14 03 78 1400            .3   41034  4 6    11000E+1G        480.        344.         4.  L      2.0     8.0     2.2   0.200
12 04 78 1300            .3   41046  6 3        1000.  L      40.        360.         4.         6.0    11.0     1.3   0.194
09 05 78 1300            .3   41058  3 6        1900.         48.        650.         4.  L     11.0             4.0   0.182
13 06 78 1300            .3   41070  8 6       22000.  G     600.  G    2900.        28.        13.0     8.0     2.8   0.200
11 07 78 1345            .3   41082  8 6         400.         70.         40.         4.  L     19.5    12.5     1.1   0.026
08 08 78 1230            .3   41094  8 6        1000.         50.        120.         4.  L     25.0    12.5     0.7   0.025
18 09 78 1200            .3   41106  6 8        3700.        170.        150.         4.  L     14.0     9.0     0.5   0.053
10 10 78 1430            .3   41118  3 8        4200.        108.         88.         8.        11.0    11.0     1.1   0.074
14 11 78 1230            .3   41130  6           470.         10.         30.         4.  L                      1.6   0.033
12 12 78 1130            .3   41142  6          2800.        148.        196.         4.  L                      1.3   0.077

                       MAXIMUM              11000E+1        600.       2900.        28.         25.0    12.5     4.0   0.200
          AVG OR GEOM MN (*)                  2788.* E       97.* U     185.*        5.* D      10.3    10.7     1.6   0.107
                       MINIMUM                 400.          10.         30.         4.          0.5     8.0     0.5   0.025

              NO OF SAMPLES                      11           11          11         11           10       9      12      12
```

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1355			.3		0.081	0.270	0.540	0.041	6.000	6.311	0.270	6.581	274.0	1.0
14 02 78	1340			.3		0.095	0.395	0.740	0.047	4.800	5.242	0.345	5.587	400.0	24.0
14 03 78	1400			.3		0.167	0.880	1.250	0.049	3.790	4.719	0.370	5.089	364.0	7.0
12 04 78	1300			.3		0.101	0.115	0.710	0.026	3.510	3.651	0.595	4.246	246.0	16.0
09 05 78	1300			.3		0.061	0.120	1.050	0.063	4.400	4.583	0.930	5.513	334.0	30.0
13 06 78	1300			.3		0.093	0.245	0.900	0.123	10.900	11.268	0.655	11.923	426.0	31.0
11 07 78	1345			.3		0.009	0.005L	0.425	0.003	0.010L	0.018	0.420	0.438	228.0	2.0
08 08 78	1230			.3		0.008	0.005L	0.445	0.002	0.010L	0.017	0.440	0.457	194.0	2.0
18 09 78	1200			.3		0.011	0.020	0.355	0.003	0.050	0.073	0.335	0.408	204.0	2.5
10 10 78	1430			.3		0.054	0.015	0.575	0.044	12.500	12.559	0.560	13.119	490.0	1.5
14 11 78	1230			.3		0.006	0.005L	0.500	0.013	1.660	1.678	0.495	2.173	332.0	10.0
12 12 78	1130			.3		0.039	0.040	0.410	0.017	11.000	11.057	0.370	11.427	408.0	2.0
MAXIMUM						0.167	0.880	1.250	0.123	12.500	12.559	0.930	13.119	490.0	31.0
AVG OR GEOM MN (*)						0.060	0.176D	0.658	0.036	4.886D	5.098	0.482	5.580	325.0	10.8
MINIMUM						0.006	0.005	0.355	0.002	0.010	0.017	0.270	0.408	194.0	1.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1355			.3		273		590	1.50	15.5
14 02 78	1340			.3		376		635	11.00	16.0
14 03 78	1400			.3		357		655	5.20	31.0
12 04 78	1300			.3			259	399	49.00	6.0
09 05 78	1300			.3		304		472	23.00	15.5
13 06 78	1300			.3		395		515	35.00	19.5
11 07 78	1345			.3			226	347	0.65	10.0
08 08 78	1230			.3			216	332	0.65	8.5
18 09 78	1200			.3		202		402	0.80	7.5
10 10 78	1430			.3		488		655	2.30	21.0
14 11 78	1230			.3		322		550	2.50	22.0
12 12 78	1130			.3		406		660	1.30	21.5
MAXIMUM						488	259	660	49.00	31.0
AVG OR GEOM MN (*)						347	234	518	11.08	16.2
MINIMUM						202	216	332	0.65	6.0
NO OF SAMPLES						9	3	12	12	12

B.O.W./ SITE: AUSABLE RIVER
SAMPLE POINT: AT TOWNLINE DOWSTREAM FROM CENTRALIA BASE
STATION TYPE: RIVER

STATION ID: 08-0022-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO: 11 LAT: LONG: U T M: 17 0457160.0 4790060.0 4 REGION: 01 MILEAGE: 75.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1115			.3		41007	4 6	1100.	40.		4. L	1.0	10.0	1.2	0.066
14 02 78	1145			.3		41019	4 6	4200.	80.	60.	4. L	0.5	7.0	0.2	0.078
14 03 78	1145			.3		41030	4 6	11000.	116.	1800.	4. L	1.0	8.5	1.7	0.126
12 04 78	1100			.3		41042	6 3	4300.	240.	1200.	4.	5.0	10.5	1.4	0.240
09 05 78	1050			.3		41054	6	59000.	1044. G	690.	4. L	12.0		3.2	0.127
13 06 78	1050			.3		41066	6	20000E+1G	9200.	2300.	104.	15.0	7.0	3.9	0.167
11 07 78	1135			.3		41078	8 6	4000.	260.	120.	4. L	19.5	8.5	7.1	0.334
08 08 78	1050			.3		41090	8 6	6000.	460.	860.	4. L	24.5	6.0	2.8	0.144
18 09 78	1015			.3		41102	6 8	12000.	1100.	520.	8.	14.0	6.5	3.0	0.190
10 10 78	1225			.3		41114	3 8	5300.	320.	240.	4.	11.0	10.0	1.0	0.087
14 11 78	1045			.3		41126	6	1300.	120.	1100.	4. L			1.8	0.090
12 12 78	1045			.3		41139	6	1700.	48.	216.	4. L			2.1	0.070
MAXIMUM								20000E+1	9200.	2300.	104.	24.5	10.5	7.1	0.334
AVG OR GEOM MN (*)								6734.* U	277.* U	512.*	6.* D	10.4	8.2	2.5	0.145
MINIMUM								1100.	40.	60.	4.	0.5	6.0	0.2	0.066
NO OF SAMPLES								12	12	11	12	10	9	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1115			.3		0.046	0.185	0.630	0.030	5.100	5.315	0.445	5.760	386.0	4.0
14 02 78	1145			.3		0.059	0.280	0.665	0.023	4.120	4.423	0.385	4.808	382.0	2.5
14 03 78	1145			.3		0.055	0.415	1.060	0.022	3.520	3.957	0.645	4.602	328.0	12.0
12 04 78	1100			.3		0.123	0.180	0.925	0.039	2.700	2.919	0.745	3.664	228.0	24.0
09 05 78	1050			.3		0.039	0.260	1.250	0.044	2.700	3.004	0.990	3.994	348.0	22.0
13 06 78	1050			.3		0.069	0.245	0.900	0.133	4.900	5.278	0.655	5.933	364.0	39.0
11 07 78	1135			.3		0.065	0.005L	1.660	0.003	0.010L	0.018	1.655	1.673	426.0	66.0
08 08 78	1050			.3		0.050	0.040	0.880	0.013	0.140	0.193	0.840	1.033	290.0	19.0
18 09 78	1015			.3		0.078	0.215	1.080	0.067	1.800	2.082	0.865	2.947	320.0	51.0
10 10 78	1225			.3		0.063	0.035	0.535	0.039	10.900	10.974	0.500	11.474	448.0	2.5
14 11 78	1045			.3		0.053	0.115	0.720	0.033	2.010	2.158	0.605	2.763	362.0	10.0
12 12 78	1045			.3		0.009	0.045	0.745	0.032	13.800	13.877	0.700	14.577	478.0	8.0
MAXIMUM						0.123	0.415	1.660	0.133	13.800	13.877	1.655	14.577	478.0	66.0
AVG OR GEOM MN (*)						0.059	0.168D	0.921	0.040	4.308D	4.517	0.753	5.269	363.3	21.7
MINIMUM						0.009	0.005	0.535	0.003	0.010	0.018	0.385	1.033	228.0	2.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 08-0022-011-02

B.O.W./ SITE: AUSABLE RIVER
SAMPLE POINT: AT TOWNLINE DOWSTREAM FROM CENTRALIA BASE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO: 11 LAT: LONG: U T M: 17 0457160.0 4790060.0 4 REGION: 01 MILEAGE: 75.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L
24 01 78 1115			.3		382		635	3.20	17.5	
14 02 78 1145			.3		380		650	3.80	17.5	
14 03 78 1145			.3		316		570	8.10	24.0	
12 04 78 1100			.3			219	337	76.00	7.0	
09 05 78 1050			.3		326		482	15.00	14.0	
13 06 78 1050			.3		325		443	21.00	13.0	
11 07 78 1135			.3		360		530	32.00	20.5	
08 08 78 1050			.3		271		458	10.00	11.0	
18 09 78 1015			.3		269		473	20.0	23.0	
10 10 78 1225			.3		445		605	4.60	18.5	
14 11 78 1045			.3		352		599	6.30	20.5	
12 12 78 1045			.3		470		738	8.40	34.0	1.0L
MAXIMUM					470	219	738	76.00	34.0	1.0
AVG OR GEOM MN (*)					354	219	543	17.37	18.4	1.0D
MINIMUM					269	219	337	3.20	7.0	1.0
NO OF SAMPLES					11	1	12	12	12	1

STATION ID: 08-0022-013-02

B.O.W./ SITE: AUSABLE RIVER
SAMPLE POINT: AT HIGHWAY 21 GRAND BEND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO: 13 LAT: LONG: U T M: 17 0438600.0 4795450.0 4 REGION: 01 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1200			.3		41008	4 6	500.	40.		4. L	1.0	11.0	1.5	0.076
14 02 78 1225			.3		41020	4 6	260.	50.	50.	4. L	0.5	7.5	0.7	0.072
14 03 78 1215			.3		41031	4 6	1400.	104.	60.	8.	2.0	11.0	4.4	0.033
12 04 78 1120			.3		41043	6 3	3600.	210.	290.	8.	6.0	10.0	2.0	0.315
09 05 78 1115			.3		41055	9 6	9000.	8.	130.	4. L	13.0		2.8	0.075
13 06 78 1115			.3		41067	6	40000.	600. G	1160.	24.	16.0	7.5	3.2	0.165
11 07 78 1200			.3		41079	6	2000.	510.	60.	4. L	20.5	7.0	3.5	0.164
08 08 78 1115			.3		41091	9 6	2600.	140.	40.	24.	25.0	7.0	1.8	0.099
18 09 78 1050			.3		41103	6	15000.	410.	400.	8.	15.0	6.5	1.6	0.156
10 10 78 1255			.3		41115	3 8	22000.	160.	440.	12.	11.0	9.5	2.4	0.072
14 11 78 1105			.3		41127	6	2300.	20.	80.	4. L			2.6	0.039
12 12 78 1200			.3		41138	6	850.	20.	150.	4. L			1.0	0.042
MAXIMUM							40000.	600.	1160.	24.	25.0	11.0	4.4	0.315
AVG OR GEOM MN (*)							3102.*	93.* U	146.*	7.* D	11.0	8.6	2.3	0.109
MINIMUM							260.	8.	40.	4.	0.5	6.5	0.7	0.033
NO OF SAMPLES							12	12	11	12	10	9	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1200			.3		0.049	0.105	0.750	0.027	5.500	5.632	0.645	6.277	418.0	11.5
14 02 78 1225			.3		0.059	0.195	0.660	0.024	3.720	3.939	0.465	4.404	420.0	3.5
14 03 78 1215			.3		0.019	0.435	0.955	0.029	5.310	5.774	0.520	6.294	282.0	8.5
12 04 78 1120			.3		0.171	0.230	1.300	0.059	3.230	3.519	1.070	4.589	404.0	78.0
09 05 78 1115			.3		0.006	0.025	0.950	0.019	2.900	2.944	0.925	3.869	418.0	26.0
13 06 78 1115			.3		0.073	0.145	1.000	0.055	4.200	4.400	0.855	5.255	456.0	46.0
11 07 78 1200			.3		0.027	0.045	1.080	0.014	0.350	0.409	1.035	1.444	384.0	65.0
08 08 78 1115			.3		0.009	0.040	1.050	0.006	0.140	0.186	1.010	1.196	422.0	30.0
18 09 78 1050			.3		0.065	0.110	1.050	0.023	0.550	0.683	0.940	1.623	428.0	52.0
10 10 78 1255			.3		0.029	0.055	0.715	0.117	7.400	7.572	0.660	8.232	434.0	11.5
14 11 78 1105			.3		0.007	0.055	0.505	0.011	0.780	0.846	0.450	1.296	168.0	14.0
12 12 78 1200			.3		0.012	0.045	0.560	0.027	10.200	10.272	0.515	10.787	798.0	1.0
MAXIMUM					0.171	0.435	1.300	0.117	10.200	10.272	1.070	10.787	798.0	78.0
AVG OR GEOM MN (*)					0.044	0.124	0.881	0.034	3.690	3.848	0.758	4.606	419.3	28.9
MINIMUM					0.006	0.025	0.505	0.006	0.140	0.186	0.450	1.196	168.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
24 01 78 1200			.3		407		650	11.00	16.5	1.0	0			
14 02 78 1225			.3		417		660	9.40	16.5	1.0L	0			
14 03 78 1215			.3		274		525	4.80	80.0	6.0	1			
12 04 78 1120			.3			250	384	150.00	11.0	2.0	0			
09 05 78 1115			.3		392		520	24.00	16.0	1.0L	1			
13 06 78 1115			.3		410		570	44.00	15.5	2.0	1			
11 07 78 1200			.3		319		458	53.00	14.5	1.5	2			
08 08 78 1115			.3		392		550	31.00	17.5	1.0L	2			
18 09 78 1050			.3		376		525	640.00	18.5	1.0	1			
10 10 78 1255			.3		422		545	14.00	23.5	1.0L	2	0.001	0.020L	0.040
14 11 78 1105			.3			191	294	12.00	9.5		2	0.001	0.020L	0.040
12 12 78 1200			.3		797		670	1.80	21.5		2	0.001	0.020L	0.040
MAXIMUM					797	250	670	640.00	80.0	6.0	2	0.001	0.020	0.040
AVG OR GEOM MN (*)					420	221	529	82.92	21.7	1.8D	1	0.001	0.020D	0.040
MINIMUM					274	191	294	1.80	9.5	1.0	0	0.001	0.020	0.040
NO OF SAMPLES					10	2	12	12	12	10	12	3	3	3

(C O N T D)

```
                                          229        215        249        238
SAMP DTE HOUR   STN   STN SAMP  PJ       TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH            LEAD    CADMIUM       ZINC     NICKEL
                FEET       MTRS           MG/L       MG/L       MG/L       MG/L

10 10 78 1255               .3          0.030L     0.005L     0.130      0.020L
14 11 78 1105               .3          0.030L     0.005L     0.130      0.020L
12 12 78 1200               .3          0.030L     0.005L     0.130      0.020L

                       MAXIMUM          0.030      0.005      0.130      0.020
           AVG OR GEOM MN (*)           0.030D     0.005D     0.130      0.020D
                       MINIMUM          0.030      0.005      0.130      0.020

                NO OF SAMPLES              3          3          3          3


 B.O.W./ SITE: AUSABLE RIVER                                                               STATION ID:  08-0022-016-02
 SAMPLE POINT: AT FIRST CONCESSION WEST OF HIGHWAY 4 EXETER
 STATION TYPE: RIVER    FLOW GAUGE MOE 02FF103           MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                      002
                                                         TERM STREAM: AUSABLE RIVER                                   0180

STN NO:     16    LAT:              LONG:               U T M: 17 0458700.0 4800950.0 4    REGION: 01         MILEAGE:   83.50

                                          934        901        80         81         84         88        805          3          1         33
SAMP DTE HOUR   STN   STN SAMP  PJ      SAMPLE       SCD      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH              NO             COLIFORM   COLIFORM     ENTER.        MPA      TEMP.        02        BOD          P
                FEET       MTRS                           MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C      MG/L       MG/L       MG/L

24 01 78 1100               .3          41006      4 6       900.        30.                   4.  L      1.0       11.0        0.9      0.058
14 02 78 1130               .3          41018      4 6     11000.       810.       120.        4.  L      0.5        7.0        1.6      0.095
14 03 78 1115               .3          41029      4 6     27000.      2900.      4500.        8.         2.0        8.0        3.3      0.160
12 04 78 1030               .3          41041      6 3      2700.       100.  L   1200.       12.         6.0       11.0        1.6      0.210
09 05 78 1015               .3          41053      6       15000.       260.       140.        4.        12.0        9.5        1.3      0.042
13 06 78 1025               .3          41065      8 6     20000.      3500.      1000.        4.        15.0        8.0        2.1      0.054
11 07 78 1120               .3          41077      8 6      4000.       860.       190.        4.        20.0       10.5        1.4      0.051
08 08 78 1035               .3          41089      8 6     12000.       440.      1600.        4.        23.0        6.5        1.4      0.078
18 09 78 1005               .3          41101      6 8     70000.      5100.      6100.      600.  G     14.0        7.5        2.3      0.295
10 10 78 1200               .3          41113      3 8      4300.       320.       200.       10.        11.0       11.5        1.0      0.042
14 11 78 1010               .3          41125      6       10900.       260.       650.        8.                               1.6      0.027
12 12 78 1010               .3          41137      6        1300.        20.       210.        4.  L                            0.8      0.025

                       MAXIMUM                             70000.      5100.      6100.      600.        23.0       11.5        3.3      0.295
           AVG OR GEOM MN (*)                              7713.*      407.* D    613.*       8.* E     10.5        9.1        1.6      0.095
                       MINIMUM                              900.        20.       120.        4.         0.5        6.5        0.8      0.025

                NO OF SAMPLES                                 12         12         11         12         10         10         12         12

                                           34         19        20         21         22         17         18         23          5          6
SAMP DTE HOUR   STN   STN SAMP  PJ     FILTERED   FILTERED     TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH         REACTIVE   AMMONIA   KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                SOLIDS     SOLIDS
                FEET       MTRS          P MG/L      MG/L       MG/L   MG/L       MG/L          MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 1100               .3          0.051      0.175      0.445      0.027      5.800      6.002      0.270      6.272      354.0        4.0
14 02 78 1130               .3          0.073      0.280      0.510      0.029      5.410      5.719      0.230      5.949      384.0        8.5
14.03 78 1115               .3          0.104      0.900      1.450      0.034      4.100      5.034      0.550      5.584      352.0       20.0
12 04 78 1030               .3          0.111      0.175      0.850      0.033      3.710      3.918      0.675      4.593      220.0       22.0
09 05 78 1015               .3          0.031      0.075      0.560      0.047      3.400      3.522      0.485      4.007      324.0        8.0
13 06 78 1025               .3          0.010      0.035      0.520      0.042      3.300      3.377      0.485      3.862      340.0       15.0



11 07 78 1120               .3          0.009      0.025      0.605      0.009      0.140      0.174      0.580      0.754      582.0       15.0
08 08 78 1035               .3          0.021      0.005L     0.830      0.003      0.010L     0.018      0.825      0.843      414.0       10.0
18 09 78 1005               .3          0.173      0.450      0.950      0.068      4.940      5.458      0.500      5.958      336.0       29.0
10 10 78 1200               .3          0.025      0.025      0.395      0.029     10.900     10.954      0.370     11.324      450.0        2.0
14 11 78 1010               .3          0.013      0.055      0.435      0.035      3.900      3.990      0.380      4.370      324.0        2.0
12 12 78 1010               .3          0.011      0.015      0.325      0.012     10.200     10.227      0.310     10.537      400.0        3.0

                       MAXIMUM          0.173      0.900      1.450      0.068     10.900     10.954      0.825     11.324      582.0       29.0
           AVG OR GEOM MN (*)           0.053      0.185D     0.656      0.031      4.651D     4.866      0.472      5.338      373.3       11.5
                       MINIMUM          0.009      0.005      0.325      0.003      0.010      0.018      0.230      0.754      220.0        2.0

                NO OF SAMPLES              12         12         12         12         12         12         12         12         12         12

                                            7        107        14         16         56         55
SAMP DTE HOUR   STN   STN SAMP  PJ       DISS.    CALCUL       COND.      TURB.   CHLORIDE
DY MO YR LMT    DIST BRG DEPTH          SOLIDS    D-SOLIDS       25C   FORMAZIN       MG/L         PH
                FEET       MTRS           MG/L    MG/L         UMHOS      UNITS                AT LAB

24 01 78 1100               .3            350                    630       2.40       16.5
14 02 78 1130               .3            376                    640       6.50       19.0
14 03 78 1115               .3            332                    645      16.00       33.5
12 04 78 1030               .3                        222        342      45.00        6.5
09 05 78 1015               .3            316                    535       7.80       32.0
13 06 78 1025               .3            325                    452       3.80       16.5
11 07 78 1120               .3            567                    940       2.10      180.0
08 08 78 1035               .3            404                    675       3.80      100.0
18 09 78 1005               .3            307                    500      47.00       41.5
10 10 78 1200               .3            448                    621       2.00       17.0
14 11 78 1010               .3            322                    559       3.50       26.5       8.19
12 12 78 1010               .3            397                    650       1.90       20.0

                       MAXIMUM            567         222        940      47.00      180.0       8.19
           AVG OR GEOM MN (*)             377         222        599      11.82       42.4       8.19
                       MINIMUM            307         222        342       1.90        6.5       8.19

                NO OF SAMPLES              11           1         12         12         12          1
```

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                 DATE OF REPORT  25 OCT 79  PAGE   276

                                                                                        STATION ID:  08-0022-017-02
 B.O.W./ SITE: AUSABLE RIVER
 SAMPLE POINT: AT MORRISON DAM EAST OF EXETER                                                          STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE MOE 02FF104          MAJOR BASIN: GREAT LAKES                                    002
                                                        MINOR BASIN: LAKE HURON                                     0180
                                                        TERM STREAM: AUSABLE RIVER

STN NO:     17     LAT:               LONG:            U T M: 17 0463050.0 4800550.0 4    REGION: 01         MILEAGE:   84.90

                                      934       901       80        81        84        88       805        3          1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO             COLIFORM  COLIFORM    ENTER.      MPA    TEMP.       02       BOD         P
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L      MG/L      MG/L

24 01 78 0825               .3      41000     4 6      800.      40.      500.      4.  L     0.5       11.0      0.8     0.038
14 02 78 0825               .3      41012     4 6      150.      16.      230.      4.  L     0.5       12.0      0.4     0.038
14 03 78 0835               .3      41024     4 6      400.      72.      384.      4.  L     1.0       11.0      0.5     0.039
12 04 78 0825               .3      41035     6 3     2800.      72.     1360.     28.        5.0       11.0      1.4     0.200
09 05 78 0820               .3      41047     6        300.       4.  L     4.      4.  L    12.0        9.0      1.0     0.023
13 06 78 0825               .3      41059     6        360.       4.  L     4.  L   4.  L    18.0        9.5      2.1     0.015
11 07 78 0830               .3      41071     8 6      400.       4.  L     4.  L   4.       22.0        8.5      1.2     0.022
08 08 78 0830               .3      41083     8 6       20.       4.        4.  L   4.  L    25.0       11.5      5.1     0.040
18 09 78 0800               .3      41095     6 8     3200.      90.       90.      4.  L    16.0        8.0      1.4     0.062
10 10 78 0930               .3      41107     3 8     6200.     248.      288.      8.       11.0        9.0      0.9     0.041
14 11 78 0820               .3      41119     6        410.      10.  L    10.  L   4.  L                         1.9     0.014
12 12 78 0820               .3      41131     6        370.      16.       68.      4.  L                         0.9     0.036

                       MAXIMUM                        6200.     248.     1360.     28.       25.0       12.0      5.1     0.200
            AVG OR GEOM MN (*)                         515.*     20.* D    50.* D   5.* D    11.1       10.1      1.5     0.047
                       MINIMUM                          20.       4.        4.      4.        0.5        8.0      0.4     0.014

                NO OF SAMPLES                           12        12        12        12        10         10        12        12

                                      34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED  FILTERED    TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH      REACTIVE  AMMONIA  KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS       P MG/L      MG/L     MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 0825               .3      0.022     0.070     0.390     0.027     6.300     6.397     0.320     6.717     360.0       7.0
14 02 78 0825               .3      0.015     0.115     0.370     0.027     5.220     5.362     0.255     5.617     410.0      11.5
14 03 78 0835               .3      0.023     0.180     0.520     0.025     5.070     5.275     0.340     5.615     354.0      12.0
12 04 78 0825               .3      0.099     0.165     0.825     0.029     3.550     3.744     0.660     4.404     224.0      26.0
09 05 78 0820               .3      0.009     0.115     0.460     0.031     4.300     4.446     0.345     4.791     308.0       7.5
13 06 78 0825               .3      0.001     0.050     0.525     0.053     3.200     3.303     0.475     3.778     304.0       1.0
11 07 78 0830               .3      0.001L    0.070     0.670     0.035     1.480     1.585     0.600     2.185     244.0       3.0
08 08 78 0830               .3      0.001     0.030     0.950     0.005     0.010L    0.045     0.920     0.965     184.0      14.0
18 09 78 0800               .3      0.003     0.085     0.750     0.009     0.150     0.244     0.665     0.909     146.0       5.0
10 10 78 0930               .3      0.025     0.025     0.415     0.033    11.300    11.358     0.390    11.748     452.0       1.0
14 11 78 0820               .3      0.003     0.035     0.495     0.038     4.600     4.673     0.460     5.133     310.0       6.0
12 12 78 0820               .3      0.009     0.015     0.295     0.013    10.700    10.728     0.280    11.008     388.0       0.5

                       MAXIMUM      0.099     0.180     0.950     0.053    11.300    11.358     0.920    11.748     452.0      26.0
            AVG OR GEOM MN (*)      0.018D    0.080     0.555     0.027     4.657D    4.763     0.476     5.239     307.0       7.9
                       MINIMUM      0.001     0.015     0.295     0.005     0.010     0.045     0.255     0.909     146.0       0.5

                NO OF SAMPLES         12        12        12        12        12        12        12        12        12        12

                                       7       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.   CALCUL      COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH       SOLIDS   D-SOLIDS      25C  FORMAZIN      MG/L
               FEET       MTRS        MG/L   MG/L        UMHOS     UNITS




24 01 78 0825               .3        353                  575      3.20      11.5
14 02 78 0825               .3        399                  650      5.80      12.5
14 03 78 0835               .3        342                  615      6.60      12.5
12 04 78 0825               .3                  218        336     45.00       5.5
09 05 78 0820               .3        301                  481      2.30      11.5
13 06 78 0825               .3        303                  417      1.00      11.0
11 07 78 0830               .3                  235        361      1.40      11.0
08 08 78 0830               .3                  172        265      4.50      11.5
18 09 78 0800               .3                  193        298      5.30      10.5
10 10 78 0930               .3        451                  625      1.70      15.5
14 11 78 0820               .3        304                  525      2.70      14.0
12 12 78 0820               .3        387                  645      1.00      16.5

                       MAXIMUM        451       235        650     45.00      16.5
            AVG OR GEOM MN (*)        355       205        483      6.71      12.0
                       MINIMUM        301       172        265      1.00       5.5

                NO OF SAMPLES           8         4         12        12        12


                                                                                        STATION ID:  08-0040-006-02
 B.O.W./ SITE: BAYFIELD RIVER
 SAMPLE POINT: FIRST CONCESSION DOWNSTREAM FROM CLINTON                                                STORET CODE: 02
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                    002
                                                        MINOR BASIN: LAKE HURON                                     0370
                                                        TERM STREAM: BAYFIELD RIVER

STN NO:      6     LAT:               LONG:            U T M: 17 0454950.0 4826100.0 4    REGION: 01         MILEAGE:   13.20

                                      934       901       80        81        84        88       805        3          1        33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO             COLIFORM  COLIFORM    ENTER.      MPA    TEMP.       02       BOD         P
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L      MG/L      MG/L

24 01 78 0940               .3      41002     6 4      200.                         4.  L     0.5       10.0      1.3     0.133
14 02 78 1000               .3      41014     4 6     2100.     310.      140.      4.  L     0.5        5.0      0.3     0.151
14 03 78 1015               .3      41026     6 4     3500.     232.      220.      4.  L     1.0       11.0      2.8     0.185
12 04 78 0930               .3      41037     6 3     3500.     290.      950.     32.        5.0       11.5      1.6     0.216
09 05 78 0910               .3      41049     6       1500.      12.      170.      4.       12.0        9.5      2.8     0.093
13 06 78 0910               .3      41061     8 5     6400.     276.      410.      4.  L    15.0        8.0      2.5     0.155
11 07 78 1010               .3      41073     8 5      400.     150.       40.      4.  L    20.0       13.0      1.9     0.230
18 09 78 0900               .3      41097     6 8    19000.     740.     1500.  G  96.       15.0        8.5      1.5     0.151
10 10 78 1030               .3      41109     3 8     4100.     220.      160.      4.  L    10.5        9.0      0.8     0.061
14 11 78 0900               .3      41121     6       4000.      80.      560.      4.  L                         1.7     0.155
12 12 78 0900               .3      41133     6        480.      32.       20.      4.  L                         0.8     0.069

                       MAXIMUM                       19000.     740.     1500.     96.       20.0       13.0      2.8     0.230
            AVG OR GEOM MN (*)                        2068.*    146.*     216.* U   6.* D     8.8        9.5      1.6     0.145
                       MINIMUM                         200.      12.       20.      4.        0.5        5.0      0.3     0.061

                NO OF SAMPLES                           11        10        10        11         9          9        11        11

                                                                                                               ( C O N T D )
```

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 0940			.3		0.128	0.455	0.700	0.067	6.600	7.122	0.245	7.367	402.0	1.0
14 02 78 1000			.3		0.138	0.395	0.700	0.060	5.530	5.985	0.305	6.290	400.0	0.5
14 03 78 1015			.3		0.181	0.545	1.250	0.041	4.850	5.436	0.705	6.141	408.0	3.0
12 04 78 0930			.3		0.121	0.180	0.940	0.035	3.350	3.565	0.760	4.325	214.0	22.0
09 05 78 0910			.3		0.021	0.105	0.775	0.063	3.400	3.568	0.670	4.238	378.0	5.5
13 06 78 0910			.3		0.107	0.180	0.820	0.083	1.130	1.393	0.640	2.033	344.0	1.0
11 07 78 1010			.3		0.180	0.030	0.755	0.007	0.220	0.257	0.725	0.982	330.0	5.0
18 09 78 0900			.3		0.075	0.060	0.850	0.083	4.750	4.893	0.790	5.683	344.0	17.0
10 10 78 1030			.3		0.042	0.010	0.490	0.025	10.100	10.135	0.480	10.615	458.0	0.5
14 11 78 0900			.3		0.137	0.005L	0.505	0.019	3.700	3.724	0.500	4.224	324.0	4.0
12 12 78 0900			.3		0.045	0.040	0.360	0.031	10.000	10.071	0.320	10.391	390.0	1.0
MAXIMUM					0.181	0.545	1.250	0.083	10.100	10.135	0.790	10.615	458.0	22.0
AVG OR GEOM MN (*)					0.107	0.182D	0.740	0.047	4.875	5.104	0.558	5.663	362.9	5.5
MINIMUM					0.021	0.005	0.360	0.007	0.220	0.257	0.245	0.982	214.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 0940			.3		401		620	0.95	22.5	
14 02 78 1000			.3		400		690	1.40	23.0	
14 03 78 1015			.3		405		719	5.00	39.5	
12 04 78 0930			.3			208	320	60.00	6.5	
09 05 78 0910			.3		373		582	2.30	36.0	
13 06 78 0910			.3		343		510	1.10	21.5	
11 07 78 1010			.3		325		497	1.90	33.0	
18 09 78 0900			.3		327		518	15.00	26.0	
10 10 78 1030			.3		457		621	1.60	16.5	
14 11 78 0900			.3		320		558	6.40	28.5	8.16
12 12 78 0900			.3		389		675	1.00	21.5	
MAXIMUM					457	208	719	60.00	39.5	8.16
AVG OR GEOM MN (*)					374	208	574	8.79	25.0	8.16
MINIMUM					320	208	320	0.95	6.5	8.16
NO OF SAMPLES					10	1	11	11	11	1

B.O.W./ SITE: BAYFIELD RIVER
SAMPLE POINT: AT HURON COUNTY ROAD 31 NORTH OF VARNA
STATION TYPE: RIVER FLOW GAUGE FED 02FF007

STATION ID: 08-0040-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BAYFIELD RIVER

STORET CODE: 02
002
0370

STN NO: 8 LAT: LONG: U T M: 17 0452400.0 4821925.0 4 REGION: 01 MILEAGE: 8.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
24 01 78 1015			.3		41004	4 6	59.30	600.			4. L	0.5	11.5	0.8
14 02 78 1045			.3		41016	4 6	41.70	160.	100.	4. L	4. L	0.5	12.8	0.2
14 03 78 1030			.3		41027	6 4	53.00	176.	24.	32.	4. L	1.0	10.5	1.4
12 04 78 1000			.3		41039	6 3	2000.00	1360.	116.	248.	8.	5.0	11.5	1.3
09 05 78 0940			.3		41051	6	108.00	3100.	44.	80.	4. L	10.0	9.5	1.8
13 06 78 0945			.3		41063	8 6	132.00	15800. G	1500. G	600. G	12.	14.0	9.0	2.6
11 07 78 1040			.3		41075	8 6	5.30	100.	60.	190.	4. L	20.0	10.5	0.8
08 08 78 1005			.3		41087	8 6	3.10	700.	30.	60.	4. L	23.0	8.0	0.8
18 09 78 0935			.3		41099	6 8	121.00	11000.	440.	550.	12.	14.0	9.0	1.1
10 10 78 1115			.3		41111	3 8	451.00	4000.	180.	140.	4.	11.0	10.0	1.1
14 11 78 0925			.3		41123	6	42.90	840.	40.	20.	4. L			2.3
12 12 78 0925			.3		41135	6	84.80	540.	28.	40.	4. L			0.7
MAXIMUM							2000.00	15800.	1500.	600.	12.	23.0	12.8	2.6
AVG OR GEOM MN (*)							258.51	1038.* U	89.* U	82.* E	5.* D	9.9	10.2	1.2
MINIMUM							3.10	100.	24.	4.	4.	0.5	8.0	0.2
NO OF SAMPLES							12	12	11	11	12	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
24 01 78 1015			.3		0.074	0.069	0.200	0.420	0.046	6.300	6.546	0.220	6.766	368.0
14 02 78 1045			.3		0.086	0.074	0.205	0.420	0.042	5.550	5.797	0.215	6.012	392.0
14 03 78 1030			.3		0.105	0.092	0.215	0.555	0.029	4.410	4.654	0.340	4.994	320.0
12 04 78 1000			.3		0.205	0.109	0.165	0.750	0.033	4.110	4.308	0.585	4.893	254.0
09 05 78 0940			.3		0.059	0.019	0.030	0.585	0.031	3.600	3.661	0.555	4.216	334.0
13 06 78 0945			.3		0.099	0.010	0.085	0.835	0.143	6.900	7.128	0.750	7.878	416.0
11 07 78 1040			.3		0.015	0.003	0.005L	0.460	0.008	0.680	0.693	0.455	1.148	278.0
08 08 78 1005			.3		0.017	0.002	0.005	0.515	0.009	0.760	0.774	0.510	1.284	234.0
18 09 78 0935			.3		0.070	0.021	0.035	0.780	0.027	2.290	2.352	0.745	3.097	330.0
10 10 78 1115			.3		0.052	0.036	0.010	0.480	0.022	10.700	10.732	0.470	11.202	462.0
14 11 78 0925			.3		0.042	0.027	0.005L	0.465	0.011	3.900	3.916	0.460	4.376	326.0
12 12 78 0925			.3		0.045	0.031	0.035	0.310	0.022	10.800	10.857	0.275	11.132	390.0
MAXIMUM					0.205	0.109	0.215	0.835	0.143	10.800	10.857	0.750	11.202	462.0
AVG OR GEOM MN (*)					0.072	0.041	0.083D	0.548	0.035	5.000	5.118	0.465	5.583	342.0
MINIMUM					0.015	0.002	0.005	0.310	0.008	0.680	0.693	0.215	1.148	234.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(CONTD)

```
                                                                                        STATION ID:  08-0040-008-02
 B.O.W./ SITE:  BAYFIELD RIVER
 SAMPLE POINT:  AT HURON COUNTY ROAD 31 NORTH OF VARNA
 STATION TYPE:  RIVER    FLOW GAUGE FED 02FF007        MAJOR BASIN:  GREAT LAKES                    STORET CODE: 02
                                                        MINOR BASIN:  LAKE HURON                                  002
                                                        TERM STREAM:  BAYFIELD RIVER                              0370

STN NO:      8    LAT:              LONG:              U T M:  17 0452400.0 4821925.0 4    REGION:  01       MILEAGE:     8.80

                                        6         7      107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     SUSP.     DISS.  CALCUL      COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH       SOLIDS    SOLIDS  D-SOLIDS      25C  FORMAZIN      MG/L
               FEET      MTRS         MG/L      MG/L  MG/L        UMHOS     UNITS

24 01 78 1015              .3          1.0       367                640      1.00      17.5
14 02 78 1045              .3          0.5       392                650      1.10      18.5
14 03 78 1030              .3          5.0       315                640      2.40      18.5
12 04 78 1000              .3         31.0                 228      350     61.00       7.0
09 05 78 0940              .3          3.5       332                520      1.80      11.5
13 06 78 0945              .3         34.5       382                482     22.00      14.0
11 07 78 1040              .3          5.0       273                408      1.90      11.5
08 08 78 1005              .3          6.0                 240      369      2.60      11.5
18 09 78 0935              .3         16.0       314                515      8.90      23.0
10 10 78 1115              .3          0.5       461                625      1.70      17.0
14 11 78 0925              .3          3.0       323                560      1.60      18.5
12 12 78 0925              .3          2.0       388                665      1.20      20.5

                     MAXIMUM          34.5       461       240      665     61.00      23.0
          AVG OR GEOM MN (*)           9.0       355       234      535      8.93      15.8
                     MINIMUM           0.5       273       228      350      1.00       7.0

               NO OF SAMPLES            12        10         2       12        12        12
```

```
                                                                                        STATION ID:  08-0040-009-02
 B.O.W./ SITE:  BAYFIELD RIVER
 SAMPLE POINT:  AT FIRST CONCESSION WEST OF SEAFORTH
 STATION TYPE:  RIVER    FLOW GAUGE FED 02FF007        MAJOR BASIN:  GREAT LAKES                    STORET CODE: 02
                                                        MINOR BASIN:  LAKE HURON                                  002
                                                        TERM STREAM:  BAYFIELD RIVER                              0370

STN NO:      9    LAT:              LONG:              U T M:  17 0465200.0 4821300.0 4    REGION:  01       MILEAGE:    28.20

                                      934     901      444        80         81         84       88      805        3         1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE     SCD  FLOW CFS     TOTAL      FECAL      M.F.    PSEUD.   WATER    DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                    COLIFORM   COLIFORM    ENTER.      MPA    TEMP.       02       BOD
               FEET      MTRS                               MF/100ML   MF/100ML  MF/100ML  MF/100ML   DEG C     MG/L      MG/L

24 01 78 0855              .3       41001   4 6       59.30    1500.        170.                4.  L     0.5      8.5       2.3
14 02 78 0930              .3       41013   4 6       41.70    3800.       1000.       900.     4.        0.5      9.5       1.4
14 03 78 0930              .3       41025   6 4       53.00   17200.  G    1800.  G  18100.  G  4.  L     1.0      9.0       2.5
12 04 78 0900              .3       41036   6 3     2000.00    1300.         10.      2300.    20.        5.0     11.0       1.2
09 05 78 0850              .3       41048   5 6      108.00    8700.        104.       370.     4.  L    11.0      9.0       4.0
13 06 78 0850              .3       41060   8 6      132.00   55000.       1500.  G   1500.  G 28.       13.0      8.0       2.8
11 07 78 0910              .3       41072   8 5        5.30     180.         90.        90.     4.  L    18.0     10.5       2.1
08 08 78 0845              .3       41084   8 5        3.10     500.        160.       220.     4.       22.5      5.0       2.0
18 09 78 0830              .3       41096   6 8      121.00   26000.  G    1300.      1500.  G 104.      14.0      6.5       3.4
10 10 78 1000              .3       41108   3 6 8    451.00    3500.        100.       170.     4.  L    10.5     10.0       0.6
14 11 78 0845              .3       41120   6         42.90   48000.       1500.  G   1500.  G  4.  L                        3.2
12 12 78 0845              .3       41132   6         84.80    1600.         80.        30.     4.  L                        1.6



                     MAXIMUM                        2000.00   55000.       1800.     18100.    104.      22.5     11.0       4.0
          AVG OR GEOM MN (*)                         258.51    4286.* U     263.* U    615.* U  7.* D    9.6      8.7       2.3
                     MINIMUM                           3.10     180.         10.        30.     4.        0.5      5.0       0.6

               NO OF SAMPLES                             12       12          12         11      12        10       10        12

                                       33        34        19        20        21        22        17        18       23         5
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL  TOTAL N     TOTAL
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N             SOLIDS
               FEET      MTRS        MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L     MG/L      MG/L

24 01 78 0855              .3       0.159     0.119     0.515     1.010     0.049     6.600     7.164     0.495    7.659     424.0
14 02 78 0930              .3       0.200     0.140     0.745     2.600     0.051     5.590     6.386     1.855    8.241     488.0
14 03 78 0930              .3       0.250     0.219     1.180     1.750     0.056     4.730     5.966     0.570    6.536     402.0
12 04 78 0900              .3       0.174     0.107     0.180     0.810     0.027     3.660     3.867     0.630    4.497     200.0
09 05 78 0850              .3       0.136     0.011     0.535     1.400     0.103     3.800     4.438     0.865    5.303     406.0
13 06 78 0850              .3       0.113     0.043     0.100     0.700     0.269    15.100    15.469     0.600   16.069     466.0
11 07 78 0910              .3       0.058     0.001     0.020     0.755     0.013     0.200     0.233     0.735    0.968     436.0
08 08 78 0845              .3       0.056     0.002     0.005L    0.810     0.011     0.080     0.096     0.805    0.901     464.0
18 09 78 0830              .3       0.280     0.072     0.715     1.530     0.167     7.500     8.382     0.815    9.197     446.0
10 10 78 1000              .3       0.041     0.029     0.015     0.375     0.025     9.400     9.440     0.360    9.800     452.0
14 11 78 0845              .3       0.110     0.054     0.145     0.920     0.064     3.500     3.709     0.775    4.484     330.0
12 12 78 0845              .3       0.121     0.046     0.125     0.630     0.039     9.300     9.464     0.505    9.969     422.0

                     MAXIMUM        0.280     0.219     1.180     2.600     0.269    15.100    15.469     1.855   16.069     488.0
          AVG OR GEOM MN (*)        0.142     0.070     0.357D    1.108     0.073     5.788     6.218     0.751    6.969     411.3
                     MINIMUM        0.041     0.001     0.005     0.375     0.011     0.080     0.096     0.360    0.901     200.0

               NO OF SAMPLES           12        12        12        12        12        12        12        12       12        12

                                        6         7      107        14        16        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     SUSP.     DISS.  CALCUL      COND.     TURB.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH       SOLIDS    SOLIDS  D-SOLIDS      25C  FORMAZIN      MG/L    AT LAB
               FEET      MTRS         MG/L      MG/L  MG/L        UMHOS     UNITS

24 01 78 0855              .3         35.0       389                650      8.40      22.5
14 02 78 0930              .3         41.0       447                720     14.00      25.0
14 03 78 0930              .3          7.0       395                730      6.10      37.5
12 04 78 0900              .3         16.0                 222      342     35.00       7.0
09 05 78 0850              .3         13.0       393                610      6.30      36.5
13 06 78 0850              .3          9.0       457                605      5.40      21.0
11 07 78 0910              .3          6.0       430                625      3.00      35.5
08 08 78 0845              .3         12.0       452                665      4.20      50.0
18 09 78 0830              .3         69.5       377                580     30.00      23.0
10 10 78 1000              .3          2.0       450                625      2.20      15.5
14 11 78 0845              .3         17.5       312                525     22.00      22.0      7.88
12 12 78 0845              .3          4.0       418                660      1.50      19.5

                     MAXIMUM          69.5       457       222      730     35.00      50.0      7.88
          AVG OR GEOM MN (*)          19.3       411       222      611     11.51      26.3      7.88
                     MINIMUM           2.0       312       222      342      1.50       7.0      7.88

               NO OF SAMPLES            12        11         1       12        12        12         1
 B.O.W./ SITE: BAYFIELD RIVER                                                                STATION ID:  08-0040-010-02
 SAMPLE POINT: DOWNSTREAM FROM THE CONFLUENCE WITH GRANT CREEK
 STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                             MINOR BASIN: LAKE HURON                                       002
                                                             TERM STREAM: BAYFIELD RIVER                                   0370

STN NO:      10     LAT:               LONG:                 U T M: 17 0453125.0 4823550.0 4     REGION: 01           MILEAGE:    10.50

                                          934       901        80        81        84        88       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO           COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
               FEET       MTRS                          MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

24 01 78 1000               .3          41003   4 6                                     4.  L       0.5      13.0       1.1     0.090
14 02 78 1020               .3          41015   4 6         520.      150.       20.    4.  L       0.5      12.5       0.7     0.114
12 04 78 0940               .3          41038   6 3        2300.      160.      360.   40.          5.0      11.5       1.2     0.180
09 05 78 0930               .3          41050   6          2800.      148.       64.    4.  L      11.0      10.0       2.6     0.067
13 06 78 0925               .3          41062   8 6        3800.      250.      448.    4.  L      14.0       8.5       2.3     0.029
11 07 78 1020               .3          41074   8 6         700.       70.       40.    4.  L      17.0       7.5       1.1     0.025
08 08 78 0945               .3          41086   8 6         700.      100.      130.    4.  L      22.0       5.0       1.0     0.021
18 09 78 0915               .3          41098   6 8        8000.      260.      510.   16.         14.0       8.5       1.2     0.092
10 10 78 1055               .3          41110   3 8        4600.      188.      104.    4.  L      10.0       9.5       0.8     0.058
14 11 78 0910               .3          41122   6           310.       30.       10.  L 4.  L                           1.8     0.047
12 12 78 0910               .3          41134   6           540.       36.       68.    4.  L                           1.6     0.076

                       MAXIMUM                             8000.      260.      510.   40.         22.0      13.0       2.6     0.180
              AVG OR GEOM MN (*)                           1440.*     113.*      91.* D 6.* D      10.4       9.6       1.4     0.073
                       MINIMUM                              310.       30.       10.    4.          0.5       5.0       0.7     0.021

               NO OF SAMPLES                                  10        10        10       11         9         9        11        11

                                           34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH        REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS         P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 1000               .3          0.089     0.255     0.505     0.055     6.300     6.610     0.250     6.860     378.0       1.0
14 02 78 1020               .3          0.104     0.265     0.500     0.048     5.340     5.653     0.235     5.888     382.0       0.5
12 04 78 0940               .3          0.109     0.165     0.675     0.034     3.300     3.499     0.510     4.009     230.0      20.0
09 05 78 0930               .3          0.011     0.090     0.700     0.047     3.500     3.637     0.610     4.247     340.0       3.5
13 06 78 0925               .3          0.004     0.030     0.565     0.029     1.780     1.839     0.535     2.374     312.0       1.0
11 07 78 1020               .3          0.008     0.015     0.450     0.022     1.970     2.007     0.435     2.442     270.0       5.5
08 08 78 0945               .3          0.002     0.020     0.420     0.023     2.130     2.173     0.400     2.573     268.0       7.0
18 09 78 0915               .3          0.045     0.045     0.795     0.035     2.030     2.110     0.750     2.860     328.0      13.5
10 10 78 1055               .3          0.043     0.015     0.395     0.023     9.700     9.738     0.380    10.118     450.0       2.5
14 11 78 0910               .3          0.034     0.005L    0.455     0.013     4.000     4.018     0.450     4.468     322.0       1.5
12 12 78 0910               .3          0.041     0.055     0.460     0.029     9.800     9.884     0.405    10.289     388.0       4.0

                       MAXIMUM          0.109     0.265     0.795     0.055     9.800     9.884     0.750    10.289     450.0      20.0
              AVG OR GEOM MN (*)        0.045     0.087D    0.538     0.033     4.532     4.652     0.451     5.103     333.5       5.5
                       MINIMUM          0.002     0.005     0.395     0.013     1.780     1.839     0.235     2.374     230.0       0.5

               NO OF SAMPLES               11        11        11        11        11        11        11        11        11        11

                                            7       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ        DISS.  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH          SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS           MG/L  MG/L         UMHOS     UNITS

24 01 78 1000               .3            377                 655      1.10      20.0
14 02 78 1020               .3            382                 660      1.40      21.5




12 04 78 0940               .3                      224       344     60.00       7.0
09 05 78 0930               .3            337                 542      2.70      28.5
13 06 78 0925               .3            311                 466      1.00      18.5
11 07 78 1020               .3            265                 424      2.00      12.5
08 08 78 0945               .3            261                 407      3.00      12.0
18 09 78 0915               .3            315                 510      5.20      25.0
10 10 78 1055               .3            447                 620      1.80      16.5
14 11 78 0910               .3            320                 562      1.00      21.0
12 12 78 0910               .3            384                 670      1.40      21.0

                       MAXIMUM            447       224       670     60.00      28.5
              AVG OR GEOM MN (*)          340       224       533      7.33      18.5
                       MINIMUM            261       224       344      1.00       7.0

               NO OF SAMPLES               10         1   .    11        11        11


 B.O.W./ SITE: MAITLAND RIVER                                                                STATION ID:  08-0056-001-83
 SAMPLE POINT: AT HIGHWAY 21 GODERICH
 STATION TYPE: RIVER COMPOSITE                               MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                             MINOR BASIN: LAKE HURON                                       002
                                                             TERM STREAM: MAITLAND RIVER                                   0530

STN NO:       1     LAT:               LONG:                 U T M: 17 0443650.0 4844240.0 4     REGION: 01           MILEAGE:     1.70

                                          934       901       805         3         1        33        34        19        20        21
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH              NO               TEMP.        O2       BOD         P  REACTIVE  AMMONIA   KJELDAHL  NO2-N
               FEET       MTRS                              DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L      MG/L  MG/L

10 10 78 1320               .3          42174   8            14.0      10.0       0.9     0.017     0.005     0.015     0.645     0.017
01 11 78 1315               .3          42190   8            10.0      10.5       0.8     0.005     0.002     0.005     0.465     0.003
04 12 78 1320               .3          42205   8             0.0      11.0       0.5     0.008     0.003     0.020     0.610     0.005

                       MAXIMUM                               14.0      11.0       0.9     0.017     0.005     0.020     0.645     0.017
              AVG OR GEOM MN (*)                              8.0      10.5       0.7     0.010     0.003     0.013     0.573     0.008
                       MINIMUM                                0.0      10.0       0.5     0.005     0.002     0.005     0.465     0.003

               NO OF SAMPLES                                    3         3         3         3         3         3         3         3

                                           22        17        18        23         5         6         7        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.     COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH        NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS       MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

10 10 78 1320               .3          5.930     5.962     0.630     6.592     444.0      13.0       431       598      1.90      16.0
01 11 78 1315               .3          2.250     2.258     0.460     2.718     348.0       4.0       344       560      0.70      17.5
04 12 78 1320               .3          3.200     3.225     0.590     3.815     410.0       3.0       407       620      1.50      21.5

                       MAXIMUM          5.930     5.962     0.630     6.592     444.0      13.0       431       620      1.90      21.5
              AVG OR GEOM MN (*)        3.793     3.815     0.560     4.375     400.7       6.7       394       593      1.37      18.3
                       MINIMUM          2.250     2.258     0.460     2.718     348.0       3.0       344       560      0.70      16.0

               NO OF SAMPLES                3         3         3         3         3         3         3         3         3         3
```

(C O N T D)

STATION ID: 08-0056-001-83

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 21 GODERICH
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 1 LAT: LONG: U T M: 17 0443650.0 4844240.0 4 REGION: 01 MILEAGE: 1.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	41 COD MG/L
10 10 78 1320			.3		43.0	2.75	8.43	0.120	23
01 11 78 1315			.3		47.5	0.48	8.37	0.080	13
04 12 78 1320			.3		48.5	2.28	8.34	0.070	17
MAXIMUM					48.5	2.75	8.43	0.120	23
AVG OR GEOM MN (*)					46.3	1.84	8.38	0.090	18
MINIMUM					43.0	0.48	8.34	0.070	13
NO OF SAMPLES					3	3	3	3	3

STATION ID: 08-0056-002-02

B.O.W./ SITE: BLYTH BROOK
SAMPLE POINT: AT SIDE ROAD, WEST OF BLYTH
STATION TYPE: RIVER FLOW GAUGE MOE 02FE105

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 2 LAT: LONG: U T M: 17 0464100.0 4843875.0 4 REGION: 01 MILEAGE: 31.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1300			.3		42010	4					0.0	12.5	0.6	0.026
01 02 78 1240			.3		42028	4	1500.	20.	108.	4. L	0.0	10.5	0.6	0.024
01 03 78 1205			.3		42046	4					0.0	12.5	0.8	0.032
04 04 78 1150			.3		42064	3	170.	12.	68.	4. L	2.0	11.5	0.8	0.063
03 05 78 1250			.3		42082	8					11.0	16.0	1.2	0.018
05 06 78 1155			.3		42100	8	3400.	176.	36.	4.	15.0	13.0	1.2	0.067
10 07 78 1150			.3		42118	8	220.	10.	8.	4. L	20.0	9.0	1.7	0.035
01 08 78 1140			.3		42136	8	470.	28.	12.	4. L	21.0	9.5	1.4	0.043
05 09 78 1155			.3		42154	8	700.	4. L	4.	4. L	20.0	8.5	0.5	0.028
10 10 78 1130			.3		42172	8					12.0	9.0	0.8	0.040
01 11 78 1145			.3		42188	8					10.0	13.0	1.1	0.026
04 12 78 1140			.3		42203	3					1.0	10.0	2.2	0.119
MAXIMUM							3400.	176.	108.	4.	21.0	16.0	2.2	0.119
AVG OR GEOM MN (*)							630.*	19.* 0	22.*	4.* D	9.3	11.3	1.1	0.043
MINIMUM							170.	4.	4.	4.	0.0	8.5	0.5	0.018
NO OF SAMPLES							6	6	6	6	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1300			.3		0.022	0.065	0.495	0.023	3.000	3.088	0.430	3.518	322.0	3.5
01 02 78 1240			.3		0.018	0.070	0.515	0.021	11.100	11.191	0.445	11.636	316.0	1.0
01 03 78 1205			.3		0.021	0.060	0.520	0.014	2.520	2.594	0.460	3.054	308.0	0.5
04 04 78 1150			.3		0.043	0.150	0.565	0.023	3.720	3.893	0.415	4.308	252.0	4.5
03 05 78 1250			.3		0.003	0.015	0.455	0.015	2.210	2.240	0.440	2.680	332.0	0.5
05 06 78 1155			.3		0.037	0.015	0.580	0.053	1.44	1.508	0.565	2.073	322.	8.
10 07 78 1150			.3		0.009	0.055	0.615	0.024	0.470	0.549	0.560	1.109	282.0	5.5
01 08 78 1140			.3		0.006	0.040	0.720	0.029	0.580	0.649	0.680	1.329	288.0	5.0
05 09 78 1155			.3		0.013	0.055	0.460	0.035	0.730	0.820	0.405	1.225	302.0	5.5
10 10 78 1130			.3		0.025	0.035	0.770	0.027	6.420	6.482	0.735	7.217	440.0	13.5
01 11 78 1145			.3		0.005	0.025	0.620	0.015	3.230	3.270	0.595	3.865	394.0	9.0
04 12 78 1140			.3		0.029	0.160	0.915	0.031	5.600	5.791	0.755	6.546	458.0	87.0
MAXIMUM					0.043	0.160	0.915	0.053	11.100	11.191	0.755	11.636	458.0	87.0
AVG OR GEOM MN (*)					0.019	0.062	0.603	0.026	3.418	3.506	0.540	4.047	334.7	12.0
MINIMUM					0.003	0.015	0.455	0.014	0.470	0.549	0.405	1.109	252.0	0.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1300			.3		319	560	1.00	9.0	
01 02 78 1240			.3		315	575	1.00	9.5	
01 03 78 1205			.3		308	640	1.60	10.0	
04 04 78 1150			.3		248	475	12.00	8.0	
03 05 78 1250			.3		331	540	1.00	7.5	
05 06 78 1155			.3		314	525	1.3	12.5	
10 07 78 1150			.3		277	449	1.40	7.0	
01 08 78 1140			.3		283	478	1.50	7.5	
05 09 78 1155			.3		296	471	0.85	8.0	
10 10 78 1130			.3		426	615	2.60	14.0	
01 11 78 1145			.3		385	615	3.60	11.5	
04 12 78 1140			.3		371	550	35.00	14.5	7.88
MAXIMUM					426	640	35.00	14.5	7.88
AVG OR GEOM MN (*)					323	541	5.24	9.9	7.88
MINIMUM					248	449	0.85	7.0	7.88
NO OF SAMPLES					12	12	12	12	1

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY NO 86 2 MILES NORTH WEST OF WINGHAM
STATION TYPE: RIVER   FLOW GAUGE FED 02FE005
STATION ID: 08-0056-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER
STORET CODE: 02
002
0530

STN NO: 3   LAT: LONG: U T M: 17 0471550.0 4860150.0 4   REGION: 01   MILEAGE: 48.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
23 01 78 1545			.3		42016	4	113.00					0.0	14.0	0.5
01 02 78 1520			.3		42034	4	145.00					0.0	10.5	0.5
01 03 78 1540			.3		42052	4	87.20					0.0	12.0	0.8
04 04 78 1500			.3		42070	3	1070.00	430.	16.	36.	4. L	3.0	12.0	1.0
03 05 78 1525			.3		42088	8	159.00					12.0	9.5	1.0
05 06 78 1530			.3		42106	8	80.00	160.	4.	4. L	4. L	19.0	10.5	1.0
10 07 78 1505			.3		42124	8	37.30	70.	16.	8.	4. L	21.0	10.0	1.0
01 08 78 1535			.3		42142	8	29.80	30.	4.	4. L	4. L	25.0	10.0	0.9
05 09 78 1500			.3		42160	8	25.10	400.	20.	4. L	4. L	22.0	8.0	0.1
10 10 78 1440			.3		42178	8	144.00					14.0	10.5	0.9
01 11 78 1525			.3		42193	8	64.00					10.0	13.0	0.9
04 12 78 1435			.3		42208	8	148.00					0.0	11.0	0.6
MAXIMUM							1070.00	430.	20.	36.	4.	25.0	14.0	1.0
AVG OR GEOM MN (*)							175.20	142.*	10.*	7.* D	4.* D	10.5	10.9	0.8
MINIMUM							25.10	30.	4.	4.	4.	0.0	8.0	0.1
NO OF SAMPLES							12	5	5	5	5	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
23 01 78 1545			.3		0.032	0.020	0.095	0.555	0.027	2.900	3.022	0.460	3.482	352.0
01 02 78 1520			.3		0.032	0.027	0.135	0.595	0.023	2.700	2.858	0.460	3.318	336.0
01 03 78 1540			.3		0.044	0.030	0.090	0.520	0.017	2.450	2.557	0.430	2.987	360.0
04 04 78 1500			.3		0.090	0.051	0.145	0.730	0.029	3.510	3.684	0.585	4.269	276.0
03 05 78 1525			.3		0.023	0.006	0.025	0.520	0.011	2.080	2.116	0.495	2.611	360.0
05 06 78 1530			.3		0.030	0.005	0.025	0.675	0.015	0.75	0.790	0.650	1.440	310.
10 07 78 1505			.3		0.032	0.003	0.035	0.645	0.006	0.200	0.241	0.610	0.851	308.0
01 08 78 1535			.3		0.029	0.006	0.035	0.595	0.003	0.040	0.078	0.560	0.638	248.0
05 09 78 1500			.3		0.037	0.007	0.020	0.585	0.005	0.080	0.105	0.565	0.670	254.0
10 10 78 1440			.3		0.014	0.009	0.015	0.705	0.015	3.930	3.960	0.690	4.650	476.0
01 11 78 1525			.3		0.008	0.003	0.015	0.595	0.005	1.620	1.640	0.580	2.220	380.0
04 12 78 1435			.3		0.022	0.006	0.110	0.625	0.010	2.900	3.020	0.515	3.535	428.0
MAXIMUM					0.090	0.051	0.145	0.730	0.029	3.930	3.960	0.690	4.650	476.0
AVG OR GEOM MN (*)					0.033	0.014	0.062	0.612	0.014	1.930	2.006	0.550	2.556	340.7
MINIMUM					0.008	0.003	0.015	0.520	0.003	0.040	0.078	0.430	0.638	248.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1545			.3		4.0	348	600	1.00	12.0	
01 02 78 1520			.3		4.5	332	618	1.10	12.5	
01 03 78 1540			.3		0.5	360	665	1.00	13.0	
04 04 78 1500			.3		12.5	264	505	11.00	9.0	
03 05 78 1525			.3		0.5L		585	0.90	11.5	
05 06 78 1530			.3		7.5	303	492	2.3	11.5	
10 07 78 1505			.3		5.0	303	445	3.20	14.5	
01 08 78 1535			.3		5.0	243	411	2.20	3.5	
05 09 78 1500			.3		11.0	243	426	2.80	17.5	
10 10 78 1440			.3		12.0	464	645	1.60	16.0	
01 11 78 1525			.3		9.5	370	615	2.50	17.5	
04 12 78 1435			.3		6.0	422	645	2.10	22.0	8.05
MAXIMUM					12.5	464	665	11.00	22.0	8.05
AVG OR GEOM MN (*)					6.5D	332	554	2.64	13.4	8.05
MINIMUM					0.5	243	411	0.90	3.5	8.05
NO OF SAMPLES					12	11	12	12	12	1

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: ONE MILE NORTH EAST OF WROXETER
STATION TYPE: RIVER
STATION ID: 08-0056-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER
STORET CODE: 02
002
0530

STN NO: 4   LAT: LONG: U T M: 17 0487150.0 4857075.0 4   REGION: 01   MILEAGE: 62.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 0830			.3		42000	4					0.0	13.5	0.8	0.021
01 02 78 0830			.3		42018	4					0.0	11.5	0.9	0.040
01 03 78 0825			.3		42036	4					0.0	12.0	1.0	0.034
04 04 78 0815			.3		42054	3	240.	20.	50.	4. L	2.0	12.5	1.0	0.059
03 05 78 0820			.3		42072	8					7.0	10.0	1.4	14.000
05 06 78 0820			.3		42090	8	430.	92.	4.	4. L	15.0	9.0	1.3	0.024
10 07 78 0825			.3		42108	8	180.	4.	8.	4. L	20.0	6.5	1.0	0.022
01 08 78 0825			.3		42126	8	310.	12.	4. L	4. L	20.0	6.5	0.8	0.018
05 09 78 0835			.3		42144	8	2600.	80.	12.	4. L	18.0	6.5	6.5G	2.100
10 10 78 0820			.3		42162	8					9.5	9.0	0.8	0.009
01 11 78 0820			.3		42179	8					7.5	9.5	0.8	0.009
04 12 78 0825			.3		42194	4					0.0	11.0	0.8	0.023
MAXIMUM							2600.	92.	50.	4.	20.0	13.5	6.5	14.000
AVG OR GEOM MN (*)							432.*	23.*	9.* D	4.* D	8.3	9.8	1.4U	1.363
MINIMUM							180.	4.	4.	4.	0.0	6.5	0.8	0.009
NO OF SAMPLES							5	5	5	5	12	12	12	12

(C O N T D)

STATION ID: 08-0056-004-02

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: ONE MILE NORTH EAST OF WROXETER
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 4 LAT: LONG: U T M: 17 0487150.0 4857075.0 4 REGION: 01 MILEAGE: 62.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 0830			.3		0.010	0.085	0.535	0.020	2.700	2.805	0.450	3.255	334.0	3.0
01 02 78 0830			.3		0.023	0.105	0.560	0.023	2.700	2.828	0.455	3.283	410.0	8.0
01 03 78 0825			.3		0.025	0.070	0.455	0.216	2.500	2.786	0.385	3.171	312.0	3.0
04 04 78 0815			.3		0.032	0.075	0.640	0.019	2.840	2.934	0.565	3.499	344.0	5.5
03 05 78 0820			.3		0.001	0.015	0.410	0.013	2.200	2.228	0.395	2.623	386.0	0.5L
05 06 78 0820			.3		0.002	0.035	0.590	0.020	1.30	1.355	0.555	1.910	300.	7.5
10 07 78 0825			.3		0.001	0.045	0.680	0.014	0.520	0.579	0.635	1.214	316.0	5.0
01 08 78 0825			.3		0.005	0.030	0.550	0.009	0.330	0.369	0.520	0.889	260.0	1.0
05 09 78 0835			.3		0.050	7.400	8.150	0.215	0.720	8.335	0.750	9.085	514.0	4.0
10 10 78 0820			.3		0.003	0.020	0.670	0.009	1.700	1.729	0.650	2.379	426.0	1.0
01 11 78 0820			.3		0.001	0.035	0.565	0.004	1.410	1.449	0.530	1.979	372.0	8.0
04 12 78 0825			.3		0.009	0.090	0.645	0.009	2.400	2.499	0.555	3.054	406.0	6.0
MAXIMUM					0.050	7.400	8.150	0.216	2.840	8.335	0.750	9.085	514.0	8.0
AVG OR GEOM MN (*)					0.014	0.667	1.204	0.048	1.777	2.491	0.537	3.028	365.0	4.4D
MINIMUM					0.001	0.015	0.410	0.004	0.330	0.369	0.385	0.889	260.0	0.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 0830			.3		331	620	1.20	11.5	
01 02 78 0830			.3		402	705	1.80	41.0	
01 03 78 0825			.3		309	625	1.20	13.5	
04 04 78 0815			.3		339	510	5.30	9.0	
03 05 78 0820			.3			555	0.65	11.5	
05 06 78 0820			.3		293	505	1.0	11.5	
10 07 78 0825			.3		311	478	1.40	13.5	
01 08 78 0825			.3		259	444	0.65	14.5	
05 09 78 0835			.3		510	835	4.00	43.0	
10 10 78 0820			.3		425	605	0.80	15.5	
01 11 78 0820			.3		364	590	1.00	14.5	
04 12 78 0825			.3		400	621	1.60	21.5	8.09
MAXIMUM					510	835	5.30	43.0	8.09
AVG OR GEOM MN (*)					358	591	1.72	18.4	8.09
MINIMUM					259	444	0.65	9.0	8.09
NO OF SAMPLES					11	12	12	12	1

STATION ID: 08-0056-006-02

B.O.W./ SITE: LITTLE MAITLAND RIVER
SAMPLE POINT: HIGHWAY 23, 3 MILES SOUTH WEST OF PALMERSTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 6 LAT: LONG: U T M: 17 0509060.0 4851090.0 4 REGION: 01 MILEAGE: 82.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 0920			.3		42002	4					0.0	11.0	4.7	0.550
01 02 78 0915			.3		42020	4					0.0	9.5	2.4	0.570
01 03 78 0915			.3		42038	4					0.0	9.5	2.1	1.190
04 04 78 0855			.3		42056	3	3600.	390.	410.	8.	2.0	10.0	1.6	0.115
03 05 78 0900			.3		42074	8					5.0	11.0	2.6	0.660
05 06 78 0900			.3		42092	7	29000. G	600. G	600. G	24.	11.5	6.0	8.0G	1.360
10 07 78 0900			.3		42110	7 5 0	8000.	190.	130.	4. L	16.0	4.0	8.0G	2.120
01 08 78 0900			.3		42128	8	1200.	252.	68.	4. L	22.0	5.5	6.3G	2.350
05 09 78 0915			.3		42146	8	21000.	600. G	152.	4. L	16.0	6.0	0.6	0.015
10 10 78 0905			.3		42164	8 0					10.5	4.5	8.0G	0.900
01 11 78 0905			.3		42181	8					7.5	6.0	6.5	1.860
04 12 78 0910			.3		42196	8					2.0	7.5	5.0	0.480
MAXIMUM							29000.	600.	600.	24.	22.0	11.0	8.0	2.350
AVG OR GEOM MN (*)							7322.* U	368.* U	201.* U	7.* D	7.7	7.5	4.7U	1.014
MINIMUM							1200.	190.	68.	4.	0.0	4.0	0.6	0.015
NO OF SAMPLES							5	5	5	5	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 0920			.3		0.450	2.100	2.650	0.019	1.970	4.089	0.550	4.639	408.0	7.0
01 02 78 0915			.3		0.450	2.100	2.680	0.015	1.390	3.505	0.580	4.085	422.0	15.0
01 03 78 0915			.3		1.130	4.800	4.800	0.020	1.160	5.980	0.000	5.980	458.0	7.0
04 04 78 0855			.3		0.060	0.200	0.835	0.027	2.840	3.067	0.635	3.702	316.0	16.5
03 05 78 0900			.3		0.350	2.100	3.000	0.037	1.670	3.807	0.900	4.707	474.0	5.5
05 06 78 0900			.3		1.19	4.700	2.300	0.111	0.82	5.631	2.400	3.231	534.	9.5
10 07 78 0900			.3		1.000	3.600	3.600G	0.100	0.550	4.250	0.000	4.250	550.0	32.0
01 08 78 0900			.3		1.900	4.300	5.800	1.630	2.300	8.230	1.500	9.730	272.0	8.0
05 09 78 0915			.3		0.011	0.050	0.540	0.011	0.370	0.431	0.490	0.921	272.0	4.5
10 10 78 0905			.3		0.730	1.950	2.900	0.124	1.540	3.614	0.950	4.564	580.0	12.0
01 11 78 0905			.3		1.600	5.050	5.100	0.550	1.400	7.000	0.050	7.050	546.0	15.0
04 12 78 0910			.3		0.200	0.800	2.400	0.066	2.900	3.766	1.600	5.366	612.0	30.0
MAXIMUM					1.900	5.050	5.800	1.630	2.900	8.230	2.400	9.730	612.0	32.0
AVG OR GEOM MN (*)					0.756	2.646	3.050U	0.226	1.576	4.448	0.805	4.852	453.7	13.5
MINIMUM					0.011	0.050	0.540	0.011	0.370	0.431	0.000	0.921	272.0	4.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

```
                                          7         14         16         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        DISS.      COND.      TURB.    CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH          SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET      MTRS            MG/L      UMHOS      UNITS

23 01 78 0920              .3             401        750       3.00       27.5
01 02 78 0915              .3             407        710       4.30       27.0
01 03 78 0915              .3             451        840       3.70       43.0
04 04 78 0855              .3             300        580       6.50       18.0
03 05 78 0900              .3             468        785       1.40       32.5
05 06 78 0900              .3             525        890       2.3        65.
10 07 78 0900              .3             518        838       3.30       44.0
01 08 78 0900              .3             264        483       1.80        9.5
05 09 78 0915              .3             267        459       1.00       13.5
10 10 78 0905              .3             568        901       1.60       65.0
01 11 78 0905              .3             531        880       3.40       45.5
04 12 78 0910              .3             582        930      10.00      140.0        7.61

                      MAXIMUM             582        930      10.00      140.0        7.61
           AVG OR GEOM MN (*)             440        754       3.53       44.2        7.61
                      MINIMUM             264        459       1.00        9.5        7.61

                NO OF SAMPLES              12         12         12         12           1
```

```
 B.O.W./ SITE: MAITLAND RIVER                                                              STATION ID:  08-0056-007-02
 SAMPLE POINT: HIGHWAY 87, DOWNSTREAM FROM HARRISTON
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                    MINOR BASIN: LAKE HURON                                          002
                                                    TERM STREAM: MAITLAND RIVER                                      0530

STN NO:      7     LAT:              LONG:            U T M: 17 0508600.0 4860950.0 4    REGION: 02          MILEAGE:   83.80

                                         934      901        80         81         84         88        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD      TOTAL      FECAL      M.F.     PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO            COLIFORM   COLIFORM    ENTER.        MPA      TEMP.         02        BOD          P
               FEET      MTRS                            MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L

23 01 78 0900              .3           42001   4                                                      0.0       12.0        1.6      0.415
01 02 78 0900              .3           42019   4      69000.     1640.  G    920.  G    28.           0.0       10.0        1.2      0.136
01 03 78 0855              .3           42037   4                                                      0.0       11.0        1.5      0.194
04 04 78 0835              .3           42055   3       2200.       30.       120.         4.  L       2.0       12.0        1.3      0.097
03 05 78 0840              .3           42073   8                                                      7.0       11.0        2.4      0.176
05 06 78 0845              .3           42091   8       1320.      112.        36.       12.          15.0        6.0        2.6      0.270
10 07 78 0845              .3           42109   8        300.       44.         4.  L                 18.0        5.0        1.7      0.081
01 08 78 0845              .3           42127   8       1100.      184.        44.         4.  L      20.0        6.5        1.2      0.067
05 09 78 0900              .3           42145   8        800.       20.         4.  L      4.  L      19.0        7.5        1.1      0.058
10 10 78 0850              .3           42163   8                                                     11.0        8.0        1.4      0.032
01 11 78 0845              .3           42180   8                                                      7.0        9.0        0.9      0.076
04 12 78 0850              .3           42195   8                                                      0.0       10.5        2.3      0.285

                      MAXIMUM                          69000.     1640.       920.       28.          20.0       12.0        2.6      0.415
           AVG OR GEOM MN (*)                           1938.*      98.* U     38.* E     7.* D        8.3        9.0        1.6      0.157
                      MINIMUM                            300.       20.         4.        4.           0.0        5.0        0.9      0.032

                NO OF SAMPLES                               6          6          6          5          12         12         12         12
```

```
                                   34         19         20        21         22          17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA    KJELDAHL  NO2-N      NO3-N            N  ORGNC  N                SOLIDS     SOLIDS
               FEET      MTRS      P MG/L       MG/L       MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

23 01 78 0900              .3       0.350      0.575      0.925     0.019      2.030      2.624      0.350      2.974      358.0        3.5
01 02 78 0900              .3       0.117      0.395      0.885     0.015      1.520      1.930      0.490      2.420      350.0        4.0
01 03 78 0855              .3       0.171      0.515      0.930     0.014      1.560      2.089      0.415      2.504      382.0        2.5
04 04 78 0835              .3       0.041      0.135      0.640     0.021      2.460      2.616      0.505      3.121      276.0       13.5
03 05 78 0840              .3       0.131      0.215      0.835     0.022      1.170      1.407      0.620      2.027      380.0        1.0
05 06 78 0845              .3       0.215      0.375      1.100     0.044      0.50       0.919      0.725      1.644      412.         6.5
10 07 78 0845              .3       0.023      0.055      0.900     0.019      0.130      0.204      0.845      1.049      386.0       10.0
01 08 78 0845              .3       0.031      0.035      0.590     0.017      0.060      0.112      0.555      0.667      328.0        4.0
05 09 78 0900              .3       0.038      0.055      0.620     0.009      0.040      0.104      0.565      0.669      450.0        5.5
10 10 78 0850              .3       0.010      0.055      0.805     0.019      1.490      1.564      0.750      2.314      444.0        5.0
01 11 78 0845              .3       0.065      0.125      0.690     0.031      0.600      0.756      0.565      1.321      400.0        8.5
04 12 78 0850              .3       0.182      0.455      1.480     0.022      2.300      2.777      1.025      3.802      466.0       15.0

                      MAXIMUM       0.350      0.575      1.480     0.044      2.460      2.777      1.025      3.802      466.0       15.0
           AVG OR GEOM MN (*)       0.115      0.249      0.867     0.021      1.155      1.425      0.618      2.043      386.0        6.6
                      MINIMUM       0.010      0.035      0.590     0.009      0.040      0.104      0.350      0.667      276.0        1.0

                NO OF SAMPLES          12         12         12        12         12         12         12         12         12         12

                                      7         14         16         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.      COND.      TURB.    CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH      SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET      MTRS        MG/L      UMHOS      UNITS

23 01 78 0900              .3         355        660       1.80       14.5
01 02 78 0900              .3         346        620       1.70       14.0
01 03 78 0855              .3         380        710       2.40       15.0
04 04 78 0835              .3         263        520       7.40       10.0
03 05 78 0840              .3         379        615       1.00       17.5
05 06 78 0845              .3         406        615       2.1        17.0
10 07 78 0845              .3         376        578       1.90        8.0
01 08 78 0845              .3         326        535       1.40        9.0
05 09 78 0900              .3         444        695       1.40       70.0
10 10 78 0850              .3         439        675       1.70       19.0
01 11 78 0845              .3         391        640       1.30       19.0
04 12 78 0850              .3         451        700       5.10       42.5        7.87

                      MAXIMUM         451        710       7.40       70.0        7.87
           AVG OR GEOM MN (*)         380        630       2.43       21.3        7.87
                      MINIMUM         263        520       1.00        8.0        7.87

                NO OF SAMPLES          12         12         12         12           1
```

STATION ID: 08-0056-009-02

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HAMLET OF TROWBRIDGE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 9 LAT: LONG: U T M: 17 0497720.0 4841750.0 4 REGION: 01 MILEAGE: 87.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1030			.3		42006	4					0.0	9.0	5.5	0.248
01 02 78	1015			.3		42024	4	2900.	240.	220.	4.	0.0	7.0	1.8	0.114
01 03 78	1020			.3		42042	4					0.0	10.0	1.6	0.180
04 04 78	1000			.3		42060	3	1500. G	80.	120.	4. L	2.0	11.5	2.0	0.104
03 05 78	1005			.3		42078	8					10.0	12.5	1.4	0.445
05 06 78	1015			.3		42096	7 5	250.	116.	20.	4. L	16.0	10.0	2.7	0.045
10 07 78	1000			.3		42114	7	200.	72. L	8.	4. L	19.0	6.5	4.9	1.350
01 08 78	0955			.3		42132	8	60.	44.	108.	4. L	20.0	6.5	1.5	0.156
05 09 78	1030			.3		42150	7 9	1800.	76.	12.	4. L	20.0	9.0	1.2	0.135
10 10 78	1005			.3		42168	8					11.0	10.5	1.3	0.029
01 11 78	1010			.3		42184	8 5					9.0	12.0	0.6	0.025
04 12 78	1015			.3		42199	4					0.0	9.5	5.4	0.195
MAXIMUM								2900.	240.	220.	4.	20.0	12.5	5.5	1.350
AVG OR GEOM MN (*)								535.* U	90.* D	42.*	4.* D	8.9	9.5	2.5	0.252
MINIMUM								60.	44.	8.	4.	0.0	6.5	0.6	0.025
NO OF SAMPLES								6	6	6	6	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78	1030			.3		0.111	1.020	1.960	0.049	2.400	3.469	0.940	4.409	402.0	20.0
01 02 78	1015			.3		0.076	0.925	1.280	0.017	1.940	2.882	0.355	3.237	380.0	7.0
01 03 78	1020			.3		0.157	0.355	0.770	0.013	2.160	2.528	0.415	2.943	384.0	14.5
04 04 78	1000			.3		0.061	0.360	0.880	0.027	3.610	3.997	0.520	4.517	290.0	11.0
03 05 78	1005			.3		0.028	0.040	0.445	0.015	1.410	1.465	0.405	1.870	330.0	0.5L
05 06 78	1015			.3		0.003	0.015	0.790	0.001	0.01 L	0.026	0.775	0.801	252.	6.5
10 07 78	1000			.3		0.127	0.015	0.270	0.003	0.010L	0.028	0.255	0.283	384.0	24.0
01 08 78	0955			.3		0.104	0.010	0.900	0.001	0.010L	0.021	0.890	0.911	428.0	2.5
05 09 78	1030			.3		0.090	0.005L	0.760	0.003	0.010L	0.018	0.755	0.773	514.0	4.5
10 10 78	1005			.3		0.011	0.010	0.580	0.030	2.620	2.660	0.570	3.230	448.0	9.0
01 11 78	1010			.3		0.005	0.015	0.545	0.009	0.580	0.604	0.530	1.134	412.0	5.0
04 12 78	1015			.3		0.082	0.800	2.450	0.035	2.200	3.035	1.650	4.685	686.0	18.0
MAXIMUM						0.157	1.020	2.450	0.049	3.610	3.997	1.650	4.685	686.0	24.0
AVG OR GEOM MN (*)						0.071	0.2980	0.969	0.017	1.413D	1.728	0.672	2.399	409.2	10.2D
MINIMUM						0.003	0.005	0.270	0.001	0.01	0.018	0.255	0.283	252.	0.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78	1030			.3		382	750	5.40	28.5	
01 02 78	1015			.3		373	620	2.30.	29.0	
01 03 78	1020			.3		370	700	5.50	24.5	
04 04 78	1000			.3		279	535	5.50	14.0	
03 05 78	1005			.3			575	0.85	19.0	
05 06 78	1015			.3		246	417	1.1	26.0	
10 07 78	1000			.3		360	598	5.10	51.0	
01 08 78	0955			.3		425	740	1.00	82.0	
05 09 78	1030			.3		509	850	0.75	85.0	
10 10 78	1005			.3		439	699	0.75	31.0	
01 11 78	1010			.3		407	682	0.95	44.0	
04 12 78	1015			.3		668	1150	8.80	200.0	7.91
MAXIMUM						668	1150	8.80	200.0	7.91
AVG OR GEOM MN (*)						405	693	3.17	52.8	7.91
MINIMUM						246	417	0.75	14.0	7.91
NO OF SAMPLES						11	12	12	12	1

STATION ID: 08-0056-013-02

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HIGHWAY 23, DOWNSTREAM FROM LISTOWEL
STATION TYPE: RIVER FLOW GAUGE FED 02FE003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 13 LAT: LONG: U T M: 17 0502160.0 4841350.0 4 REGION: 01 MILEAGE: 91.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 78	1015			.3		42005	8	12.20					0.0	13.5	0.1L
01 02 78	1000			.3		42023	8	12.50	1800.	230.	108.	4. L	0.0	12.0	1.8
01 03 78	1005			.3		42041	8	6.20					0.0	13.5	0.6
04 04 78	0940			.3		42059	3	258.00	320.	50.	120.	4. L	3.0	11.0	1.2
03 05 78	0945			.3		42077	8	8.90					10.0	12.5	2.2
05 06 78	1000			.3		42095	7	5.30	56000. G	600. G	520.	104.	15.0	7.0	3.4
10 07 78	0940			.3		42113	7 9 5	2.40	300.	60.	60.	4. L	16.0	8.5	1.3
01 08 78	0945			.3		42131	7 9 5	0.42	400.	24.	28.	4. L	22.0	6.0	1.2
05 09 78	1015			.3		42149	8 9 5	0.86	2700.	84.	4. L	4. L	18.5	8.5	0.8
10 10 78	0955			.3		42167	8	11.50					10.5	10.0	0.6
01 11 78	0955			.3		42183	8	4.20					9.0	9.5	0.5
04 12 78	1000			.3		42198	8	72.50					1.0	9.5	3.2
MAXIMUM								258.00	56000.	600.	520.	104.	22.0	13.5	3.4
AVG OR GEOM MN (*)								32.92	1479.* U	97.* U	60.* D	7.* D	8.8	10.1	1.4D
MINIMUM								0.42	300.	24.	4.	4.	0.0	6.0	0.1
NO OF SAMPLES								12	6	6	6	6	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
23 01 78	1015			.3		0.057	0.040	0.185	0.555	0.021	1.930	2.136	0.370	2.506	316.0
01 02 78	1000			.3		0.047	0.033	0.220	0.630	0.017	1.610	1.847	0.410	2.257	356.0
01 03 78	1005			.3		0.068	0.040	0.250	0.620	0.016	1.530	1.796	0.370	2.166	366.0
04 04 78	0940			.3		0.087	0.055	0.165	0.625	0.024	3.620	3.809	0.460	4.269	272.0
03 05 78	0945			.3		0.620	0.006	0.055	0.620	0.015	1.330	1.400	0.565	1.965	328.0
05 06 78	1000			.3		0.151	0.055	0.105	0.850	0.057	0.49	0.652	0.745	1.397	340.
10 07 78	0940			.3		0.040	0.007	0.075	0.445	0.060	0.110	0.245	0.370	0.615	284.0
01 08 78	0945			.3		0.140	0.069	0.055	0.570	0.007	0.020	0.082	0.515	0.597	294.0
05 09 78	1015			.3		0.104	0.054	0.035	0.365	0.019	0.040	0.094	0.330	0.424	264.0
10 10 78	0955			.3		0.083	0.036	0.045	0.580	0.020	2.930	2.995	0.535	3.530	434.0
01 11 78	0955			.3		0.037	0.019	0.110	0.530	0.038	1.100	1.248	0.420	1.668	380.0
04 12 78	1000			.3		0.200	0.062	0.260	1.300	0.031	2.300	2.591	1.040	3.631	468.0
MAXIMUM						0.620	0.069	0.260	1.300	0.060	3.620	3.809	1.040	4.269	468.0
AVG OR GEOM MN (*)						0.136	0.040	0.130	0.641	0.027	1.418	1.575	0.511	2.085	341.8
MINIMUM						0.037	0.006	0.035	0.365	0.007	0.020	0.082	0.330	0.424	264.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78	1015			.3		3.5	313	660	1.50	17.5	
01 02 78	1000			.3		4.5	352	650	1.50	18.5	
01 03 78	1005			.3		1.0	365	680	2.10	22.0	
04 04 78	0940			.3		8.0	264	500	5.30	11.0	
03 05 78	0945			.3		0.5L		590	1.40	19.0	
05 06 78	1000			.3		9.	331	575	3.2	41.5	
10 07 78	0940			.3		3.0	281	500	1.60	16.5	
01 08 78	0945			.3		3.0	291	538	1.40	38.5	
05 09 78	1015			.3		4.0	260	479	1.40	22.0	
10 10 78	0955			.3		8.0	426	662	1.00	24.5	
01 11 78	0955			.3		8.5	371	642	1.70	26.5	
04 12 78	1000			.3		57.0	411	660	16.0	44.0	7.95
MAXIMUM						57.0	426	680	16.0	44.0	7.95
AVG OR GEOM MN (*)						9.2D	333	595	3.18	25.1	7.95
MINIMUM						0.5	260	479	1.00	11.0	7.95
NO OF SAMPLES						12	11	12	12	12	1

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HALF MILE NORTH EAST OF LISTOWEL
STATION TYPE: RIVER   FLOW GAUGE FED 02FE003

STATION ID: 08-0056-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 14   LAT: LONG: U T M: 17 0505110.0 4842425.0 4   REGION: 01   MILEAGE: 99.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 78	0955			.3		42004	4	12.20					0.0	12.0	0.6
01 02 78	0945			.3		42022	4	12.50	290.	96.	72.	4. L	0.0	10.5	0.7
01 03 78	0940			.3		42040	4	6.20					0.0	12.0	0.9
04 04 78	0925			.3		42058	3	258.00	190.	12.	64.	4. L	2.0	11.0	1.2
03 05 78	0930			.3		42076	8	8.90					6.0	11.5	0.8
05 06 78	0935			.3		42094	8	5.30	750.	288.	8.	4. L	15.0	6.0	1.5
10 07 78	0930			.3		42112	8	2.40	180.	160.	4.	4. L	20.0	3.0	2.4
01 08 78	0925			.3		42130	8	0.42	1700.	44.	148.	4. L	20.0	4.0	1.4
05 09 78	0940			.3		42148	8	0.86	1300.	92.	8.	4. L	20.0	5.5	1.2
10 10 78	0925			.3		42166	8	11.50					10.0	8.5	1.1
01 11 78	0925			.3		42182	8	4.20					7.0	9.0	0.5
04 12 78	0930			.3		42197	8	72.50					0.0	9.5	1.7
MAXIMUM								258.00	1700.	288.	148.	4.	20.0	12.0	2.4
AVG OR GEOM MN (*)								32.92	504.*	77.*	24.*	4.* D	8.3	8.5	1.2
MINIMUM								0.42	180.	12.	4.	4.	0.0	3.0	0.5
NO OF SAMPLES								12	6	6	6	6	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
23 01 78	0955			.3		0.038	0.031	0.165	0.530	0.021	2.130	2.316	0.365	2.681	342.0
01 02 78	0945			.3		0.038	0.029	0.220	0.615	0.017	1.700	1.937	0.395	2.332	384.0
01 03 78	0940			.3		0.064	0.036	0.285	0.725	0.016	1.750	2.051	0.440	2.491	384.0
04 04 78	0925			.3		0.084	0.051	0.145	0.570	0.022	3.670	3.837	0.425	4.262	272.0
03 05 78	0930			.3		0.450	0.005	0.025	0.450	0.011	1.440	1.476	0.425	1.901	358.0
05 06 78	0935			.3		0.031	0.007	0.045	0.770	0.019	0.23	0.294	0.725	1.019	322.
10 07 78	0930			.3		0.094	0.020	0.135	1.100	0.007	0.010L	0.152	0.965	1.117	346.0
01 08 78	0925			.3		0.066	0.009	0.055	0.900	0.002	0.010L	0.067	0.845	0.912	400.0
05 09 78	0940			.3		0.062	0.014	0.045	0.745	0.004	0.010L	0.059	0.700	0.759	450.0
10 10 78	0925			.3		0.022	0.013	0.005	0.520	0.019	3.330	3.354	0.515	3.869	422.0
01 11 78	0925			.3		0.014	0.003	0.015	0.545	0.017	1.600	1.632	0.530	2.162	402.0
04 12 78	0930			.3		0.176	0.061	0.120	0.940	0.023	3.400	3.543	0.820	4.363	428.0
MAXIMUM						0.450	0.061	0.285	1.100	0.023	3.670	3.837	0.965	4.363	450.0
AVG OR GEOM MN (*)						0.095	0.023	0.105	0.701	0.015	1.607D	1.727	0.596	2.322	375.8
MINIMUM						0.014	0.003	0.005	0.450	0.002	0.010	0.059	0.365	0.759	272.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 08-0056-014-02

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HALF MILE NORTH EAST OF LISTOWEL
STATION TYPE: RIVER FLOW GAUGE FED 02FE003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 14 LAT: LONG: U T M: 17 0505110.0 4842425.0 4 REGION: 01 MILEAGE: 99.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 0955			.3		6.0	336	665	1.60	15.5	
01 02 78 0945			.3		6.0	378	660	3.30	17.5	
01 03 78 0940			.3		14.0	370	690	4.20	17.5	
04 04 78 0925			.3		9.0	263	500	4.70	9.0	
03 05 78 0930			.3		1.0	357	575	1.00	14.0	
05 06 78 0935			.3		5.	317	550	1.0	19.5	
10 07 78 0930			.3		12.5	333	560	2.40	41.0	
01 08 78 0925			.3		6.0	394	685	3.00	85.0	
05 09 78 0940			.3		48.0	402	710	9.50	90.0	
10 10 78 0925			.3		7.5	414	665	0.80	20.5	
01 11 78 0925			.3		6.5	395	665	1.00	27.0	
04 12 78 0930			.3		47.0	381	598	13.00	27.0	7.94
MAXIMUM					48.0	414	710	13.00	90.0	7.94
AVG OR GEOM MN (*)					14.0	362	627	3.79	32.0	7.94
MINIMUM					1.0	263	500	0.80	9.0	7.94
NO OF SAMPLES					12	12	12	12	12	1

STATION ID: 08-0056-015-02

B.O.W./ SITE: SOUTH MAITLAND RIVER
SAMPLE POINT: HIGHWAY 4. LONDESBOROUGH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 15 LAT: LONG: U T M: 17 0461000.0 4837710.0 4 REGION: 01 MILEAGE: 27.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1210			.3		42009	4					0.0	12.0	0.9	0.025
01 02 78 1150			.3		42027	4	1600.	204.	112.	4. L	0.0	9.5	0.9	0.034
01 03 78 1145			.3		42045	4					0.0	12.5	0.6	0.044
04 04 78 1130			.3		42063	3	10. L	10. L	10. L	4. L	2.0	11.5	0.8	0.740
03 05 78 1130			.3		42081	8					11.0	12.5	1.0	0.013
05 06 78 1145			.3		42099	8	20.	4. L	4.	4. L	16.0	9.5	1.2	0.020
10 07 78 1130			.3		42117	8	380.	44.	32.	4. L	20.0	7.0	0.9	0.022
01 08 78 1120			.3		42135	8	280.	20.	32.	4. L	21.0	7.0	0.9	0.290
05 09 78 1135			.3		42153	8	5000.	32.	36.	4. L	20.5	9.0	0.2	0.011
10 10 78 1115			.3		42171	8					11.0	8.0	0.8	0.044
01 11 78 1125			.3		42187	8					9.5	10.5	0.6	0.015
04 12 78 1125			.3		42202	8					0.0	9.5	1.4	0.054
MAXIMUM							5000.	204.	112.	4.	21	12.5	1.4	0.740
AVG OR GEOM MN (*)							235.* D	25.* D	23.* D	4.* D	9.3	9.9	0.9	0.109
MINIMUM							10.	4.	4.	4.	0.0	7.0	0.2	0.011
NO OF SAMPLES							6	6	6	6	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1210			.3		0.023	0.125	0.440	0.032	5.700	5.857	0.315	6.172	334.0	4.5
01 02 78 1150			.3		0.029	0.205	0.580	0.034	5.500	5.739	0.375	6.114	364.0	5.0
01 03 78 1145			.3		0.026	0.295	0.610	0.030	4.770	5.095	0.315	5.410	342.0	6.0
04 04 78 1130			.3		0.057	0.125	0.430	0.025	5.820	5.970	0.305	6.275	240.0	10.0
03 05 78 1130			.3		0.001	0.005	0.360	0.012	4.200	4.217	0.355	4.572	328.0	3.0
05 06 78 1145			.3		0.005	0.055	0.580	0.021	1.89	1.966	0.525	2.491	280.	6.5
10 07 78 1130			.3		0.003	0.035	0.610	0.007	0.270	0.312	0.575	0.887	262.0	6.5
01 08 78 1120			.3		0.004	0.020	0.480	0.005	0.130	0.155	0.460	0.615	202.0	0.5
05 09 78 1135			.3		0.005	0.025	0.470	0.005	0.100	0.130	0.445	0.575	210.0	5.5
10 10 78 1115			.3		0.029	0.035	0.505	0.031	10.100	10.166	0.470	10.636	364.0	11.0
01 11 78 1125			.3		0.001	0.025	0.530	0.011	5.640	5.676	0.505	6.181	366.0	5.0
04 12 78 1125			.3		0.021	0.075	0.525	0.016	6.600	6.691	0.450	7.141	376.0	20.0
MAXIMUM					0.057	0.295	0.610	0.034	10.100	10.166	0.575	10.636	376.0	20.0
AVG OR GEOM MN (*)					0.017	0.085	0.510	0.019	4.227	4.331	0.425	4.756	305.7	7.0
MINIMUM					0.001	0.005	0.360	0.005	0.100	0.130	0.305	0.575	202.0	0.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1210			.3		330		555	1.60	13.5	
01 02 78 1150			.3		359		605	1.80	14.0	
01 03 78 1145			.3		336		680	4.00	14.0	
04 04 78 1130			.3		230		445	14.00	6.5	
03 05 78 1130			.3		325		540	1.00	10.5	
05 06 78 1145			.3		274		459	1.7	11.0	
10 07 78 1130			.3			252	389	1.60	10.0	
01 08 78 1120			.3			222	342	1.20	8.5	
05 09 78 1135			.3			237	365	0.95	9.0	
10 10 78 1115			.3		353		590	2.50	13.5	
01 11 78 1125			.3		361		610	2.90	15.5	
04 12 78 1125			.3		356		550	12.00	14.0	8.07
MAXIMUM					361	252	680	14.00	15.5	8.07
AVG OR GEOM MN (*)					325	237	511	3.77	11.7	8.07
MINIMUM					230	222	342	0.95	6.5	8.07
NO OF SAMPLES					9	3	12	12	12	1

STATION ID: 08-0056-016-02

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: DOWNSTREAM FROM THE VLLAGE OF BRUSSELS
STATION TYPE: RIVER FLOW GAUGE MOE 02FE103

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 16 LAT: LONG: U T M: 17 0479350.0 4844500.0 4 REGION: 01 MILEAGE: 69.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1125			.3		42008	4					0.0	12.0	0.7	0.072
01 02 78 1110			.3		42026	4	5100.	920.	140.	8.	0.0	9.5	0.9	0.070
01 03 78 1115			.3		42044	4					0.0	11.5	0.9	0.098
04 04 78 1100			.3		42062	3	1000.	140.	110.	4. L	2.0	11.0	1.4	0.142
03 05 78 1100			.3		42080	8					11.0	13.0	1.3	0.035
05 06 78 1100			.3		42098	8	10400.	332.	32.	4.	17.0	10.0	1.5	0.044
10 07 78. 1100			.3		42116	8	10100.	80.	4. L	4. L	20.0	6.5	1.5	0.075
01 08 78 1055			.3		42134	8	500.	212.	36.	4. L	22.0	6.0	1.3	0.670
05 09 78 1110			.3		42152	8	53000.	92.	32.	4. L	20.0	10.0	0.7	0.044
10 10 78 1045			.3		42170	8					11.0	9.0	0.7	0.039
01 11 78 1100			.3		42186	8					9.5	11.5	1.0	0.028
04 12 78 1055			.3		42201	4					0.0	10.5	1.3	0.061
MAXIMUM							53000.	920.	140.	8.	22.0	13.0	1.5	0.670
AVG OR GEOM MN (*)							4921.*	201.*	36.* D	4.* D	9.4	10.0	1.1	0.115
MINIMUM							500.	80.	4.	4.	0.0	6.0	0.7	0.028
NO OF SAMPLES							6	6	6	6	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1125			.3		0.047	0.300	1.060	0.032	3.900	4.232	0.760	4.992	434.0	24.0
01 02 78 1110			.3		0.056	0.375	0.915	0.027	3.300	3.702	0.540	4.242	372.0	5.0
01 03 78 1115			.3		0.068	0.465	0.990	0.021	3.110	3.596	0.525	4.121	412.0	1.0
04 04 78 1100			.3		0.073	0.225	0.840	0.033	4.310	4.568	0.615	5.183	330.0	54.0
03 05 78 1100			.3		0.011	0.060	0.635	0.013	2.250	2.323	0.575	2.898	378.0	1.5
05 06 78 1100			.3		0.015	0.090	0.890	0.015	0.55	0.655	0.800	1.455	310.	6.
10 07 78 1100			.3		0.011	0.090	0.750	0.011	0.180	0.281	0.660	0.941	322.0	7.0
01 08 78 1055			.3		0.020	0.110	0.835	0.011	0.120	0.241	0.725	0.966	274.0	4.0
05 09 78 1110			.3		0.020	0.070	0.800	0.007	0.020	0.097	0.730	0.827	332.0	3.5
10 10 78 1045			.3		0.025	0.015	0.720	0.029	5.830	5.874	0.705	6.579	508.0	12.5
01 11 78 1100			.3		0.011	0.055	0.740	0.013	2.640	2.708	0.685	3.393	452.0	6.5
04 12 78 1055			.3		0.030	0.410	1.100	0.031	3.600	4.041	0.690	4.731	466.0	6.0
MAXIMUM					0.073	0.465	1.100	0.033	5.830	5.874	0.800	6.579	508.0	54.0
AVG OR GEOM MN (*)					0.032	0.189	0.856	0.020	2.484	2.693	0.668	3.361	382.5	10.9
MINIMUM					0.011	0.015	0.635	0.007	0.020	0.097	0.525	0.827	274.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1125			.3		410	660	11.00	16.0	
01 02 78 1110			.3		367	680	1.80	15.5	
01 03 78 1115			.3		411	810	1.90	26.0	
04 04 78 1100			.3		276	485	25.00	8.0	
03 05 78 1100			.3		376	600	1.00	13.5	
05 06 78 1100			.3		304	505	1.6	13.5	
10 07 78 1100			.3		315	492	1.50	20.0	
01 08 78 1055			.3		270	466	1.30	22.5	
05 09 78 1110			.3		328	560	0.85	47.5	
10 10 78 1045			.3		495	700	1.30	17.0	
01 11 78 1100			.3		445	701	0.95	22.5	
04 12 78 1055			.3		460	705	2.00	22.5	8.00
MAXIMUM					495	810	25.00	47.5	8.00
AVG OR GEOM MN (*)					371	614	4.18	20.4	8.00
MINIMUM					270	466	0.85	8.0	8.00
NO OF SAMPLES					12	12	12	12	1

STATION ID: 08-0056-022-02

B.O.W./ SITE: LITTLE MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 23 SOUTH WEST OF PALMERSTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 22 LAT: LONG: U T M: 17 0508600.0 4850400.0 4 REGION: 01 MILEAGE: 82.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 0935			.3		42003	4					0.0	13.0	0.7	0.040
01 02 78 0930			.3		42021	4	360.	24.	400.	4. L	0.0	12.0	2.3	0.040
01 03 78 0920			.3		42039	4					0.0	12.0	0.7	0.042
04 04 78 0905			.3		42057	3	420.	16.	50.	4. L	2.0	10.5	1.4	0.125
03 05 78 0910			.3		42075	8					6.0	11.0	1.2	0.445
05 06 78 0915			.3		42093	8	11200. G	460.	68.	4. L	13.0	6.5	1.7	0.057
10 07 78 0905			.3		42111	8	600.	64.	16.	4. L	18.0	5.0	1.8	0.042
01 08 78 0910			.3		42129	8	350.	36.	52.	4. L	22.5	5.5	6.0G	2.300
05 09 78 0925			.3		42147	8	3700.	136.	4. L	4. L	17.0	6.5	0.9	0.032
MAXIMUM							11200.	460.	400.	4.	22.5	13.0	6.0	2.300
AVG OR GEOM MN (*)							1047.* U	62.*	41.* D	4.* D	8.7	9.1	1.9U	0.347
MINIMUM							350.	16.	4.	4.	0.0	5.0	0.7	0.032
NO OF SAMPLES							6	6	6	6	9	9	9	9

(C O N T D)

STATION ID: 08-0056-022-02

B.O.W./ SITE: LITTLE MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 23 SOUTH WEST OF PALMERSTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 22 LAT: LONG: U T M: 17 0508600.0 4850400.0 4 REGION: 01 MILEAGE: 82.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 0935			.3		0.023	0.175	0.815	0.019	2.300	2.494	0.640	3.134	334.0	3.5
01 02 78 0930			.3		0.025	0.190	0.685	0.017	1.980	2.187	0.495	2.682	334.0	3.0
01 03 78 0920			.3		0.025	0.230	0.700	0.017	2.060	2.307	0.470	2.777	334.0	0.5
04 04 78 0905			.3		0.084	0.325	0.975	0.027	4.060	4.412	0.650	5.062	290.0	11.5
03 05 78 0910			.3		0.004	0.015	0.445	0.015	2.030	2.060	0.430	2.490	368.0	0.5L
05 06 78 0915			.3		0.025	0.100	0.775	0.045	1.17	1.315	0.675	1.990	336.	7.5
10 07 78 0905			.3		0.001	0.015	0.725	0.005	0.070	0.090	0.710	0.800	314.0	5.5
01 08 78 0910			.3		1.900	4.700	6.600	1.610	2.000	8.310	1.900	10.210	290.0	15.0
05 09 78 0925			.3		0.003	0.030	0.570	0.005	0.070	0.105	0.540	0.645	306.0	7.5
MAXIMUM					1.900	4.700	6.600	1.610	4.060	8.310	1.900	10.210	368.0	15.0
AVG OR GEOM MN (*)					0.232	0.642	1.366	0.196	1.749	2.587	0.723	3.310	322.9	6.1D
MINIMUM					0.001	0.015	0.445	0.005	0.070	0.090	0.430	0.645	290.0	0.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
23 01 78 0935			.3		331	630	1.60	10.5
01 02 78 0930			.3		331	618	1.50	10.0
01 03 78 0920			.3		334	655	1.60	10.0
04 04 78 0905			.3		279	520	4.30	8.5
03 05 78 0910			.3			585	1.00	9.0
05 06 78 0915			.3		329	565	1.3	9.0
10 07 78 0905			.3		308	492	1.10	9.5
01 08 78 0910			.3		275	485	3.20	9.5
05 09 78 0925			.3		298	494	2.70	10.5
MAXIMUM					334	655	4.30	10.5
AVG OR GEOM MN (*)					310	560	2.03	9.6
MINIMUM					275	485	1.00	8.5
NO OF SAMPLES					8	9	9	9

STATION ID: 08-0056-023-83

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 21 GODERICH
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 23 LAT: LONG: U T M: 17 0442600.0 4844450.0 4 REGION: 01 MILEAGE: 1.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1345			.3		42012	4					0.0	11.0	0.6	0.004
01 02 78 1320			.3		42030	4	36.	4. L	8.	4. L	0.0	11.0	0.6	0.006
01 03 78 1335			.3		42048	4					0.0	13.0	1.0	0.018
04 04 78 1320			.3		42066	3	192.	16.	60.	4. L	2.0	12.5	1.6	0.087
12 04 78 1430			.3		40461	6 3	1360.	96.	600. G	4. L	7.0	13.5	1.8	0.135
03 05 78 1330			.3		42084	8					12.0	11.5	1.0	0.015
05 06 78 1335			.3		42102	8	40.	4. L	8.	4. L	20.0	10.0	0.9	0.015
10 07 78 1355			.3		42120	8	20.	4. L	4. L	4. L	21.0	9.5	1.2	0.012
01 08 78 1340			.3		42138	8	10. L	4. L	4. L	4. L	25.0	9.0	1.0	0.025
05 09 78 1340			.3		42156	8	2000.	4.	4. L	4. L	23.0	10.0	0.4	0.013
MAXIMUM							2000.	96.	600.	4.	25.0	13.5	1.8	0.135
AVG OR GEOM MN (*)							106.* D	8.* D	15.* E	4.* D	11.0	11.1	1.0	0.033
MINIMUM							10.	4.	4.	4.	0.0	9.0	0.4	0.004
NO OF SAMPLES							7	7	7	7	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1345			.3		0.002	0.005	0.260	0.007	3.300	3.312	0.255	3.567	494.0	0.5
01 02 78 1320			.3		0.004	0.035	0.320	0.011	2.800	2.846	0.285	3.131	396.0	1.5
01 03 78 1335			.3		0.010	0.045	0.410	0.015	3.030	3.090	0.365	3.455	366.0	1.5
04 04 78 1320			.3		0.045	0.125	0.680	0.024	3.920	4.069	0.555	4.624	266.0	13.0
12 04 78 1430			.3		0.056	0.110	0.860	0.025	2.000	2.135	0.750	2.885	236.0	37.5
03 05 78 1330			.3		0.003	0.025	0.490	0.007	1.940	1.972	0.465	2.437	354.0	0.5L
05 06 78 1335			.3		0.001	0.025	0.620	0.007	0.71	0.742	0.595	1.337	268.	6.
10 07 78 1355			.3		0.001L	0.025	0.570	0.003	0.004	0.032	0.545	0.577	246.0	4.5
01 08 78 1340			.3		0.001	0.030	0.560	0.003	0.140	0.173	0.530	0.703	228.0	2.0
05 09 78 1340			.3		0.003	0.025	0.408	0.005	0.180	0.210	0.383	0.593	732.0	7.0
MAXIMUM					0.056	0.125	0.860	0.025	3.920	4.069	0.750	4.624	732.0	37.5
AVG OR GEOM MN (*)					0.013D	0.045	0.518	0.011	1.802	1.858	0.473	2.331	358.6	7.4D
MINIMUM					0.001	0.005	0.260	0.003	0.004	0.032	0.255	0.577	228.0	0.5
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
23 01 78 1345			.3		494		845	0.25	102.0	39.0	2.90	7.42	0.010	
01 02 78 1320			.3		395		740	0.50	51.0	31.5	1.95	7.93	0.040	
01 03 78 1335			.3		365		675	0.65	14.5	29.0	2.30	7.14	0.020	
04 04 78 1320			.3		253		473	11.00	7.5	16.0	2.05	8.16	0.500	
12 04 78 1430			.3			219	337	24.00	6.0	13.5	1.65	8.13	1.680	1.0
03 05 78 1330			.3		354		550	0.80	11.5	25.0	0.20		0.060	
05 06 78 1335			.3		262		432	3.8	11.5	22.5	1.35	8.46	0.05	
10 07 78 1355			.3			234	360	1.20	15.0	33.0	2.60	8.70	0.040	
01 08 78 1340			.3			235	361	1.00	16.0	24.5	1.85	8.54	0.060	
05 09 78 1340			.3		725		1235	0.45	275.0	85.0	1.50	8.49	0.060	
MAXIMUM					725	235	1235	24.00	275.0	85.0	2.90	8.70	1.680	1.0
AVG OR GEOM MN (*)					407	229	601	4.37	51.0	31.9	1.84	8.11	0.252	1.0
MINIMUM					253	219	337	0.25	6.0	13.5	0.20	7.14	0.010	1.0
NO OF SAMPLES					7	3	10	10	10	10	10	9	10	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
23 01 78 1345			.3			23								
01 02 78 1320			.3			22								
01 03 78 1335			.3			9								
04 04 78 1320			.3			18								
12 04 78 1430			.3		4.7	23	0	0.001	0.030L	0.020L	0.030	0.030L	0.005L	0.020
03 05 78 1330			.3			20								
05 06 78 1335			.3			17								
10 07 78 1355			.3			18								
01 08 78 1340			.3		4.6	17								
05 09 78 1340			.3			45								
MAXIMUM					4.7	45	0	0.001	0.030	0.020	0.030	0.030	0.005	0.020
AVG OR GEOM MN (*)					4.7	21	0	0.001	0.030D	0.020D	0.030	0.030D	0.005D	0.020
MINIMUM					4.6	9	0	0.001	0.030	0.020	0.030	0.030	0.005	0.020
NO OF SAMPLES					2	10	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
12 04 78 1430			.3		0.020L
MAXIMUM					0.020
AVG OR GEOM MN (*)					0.020D
MINIMUM					0.020
NO OF SAMPLES					1

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: 0.7 MILES OF ETHEL
STATION TYPE: RIVER

STATION ID: 08-0056-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 26 LAT: LONG: U T M: 17 0489775.0 4840350.0 4 REGION: 01 MILEAGE: 79.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1050			.3		42007	4					0.0	7.0	1.4	0.095
01 02 78 1045			.3		42025	4	1400.	100.	116.	4.	0.0	6.0	2.1	0.098
01 03 78 1050			.3		42043	4					0.0	6.0	2.2	0.150
04 04 78 1015			.3		42061	3	300.	50.	90.	4. L	2.0	8.5	1.6	0.122
03 05 78 1040			.3		42079	8					10.0	11.0	1.4	0.046
05 06 78 1040			.3		42097	8	140.	36.	16.	4. L	16.0	6.0	1.8	0.080
10 07 78 1030			.3		42115	8	80.	4.	4.	4. L	20.0	8.0	1.2	0.109
01 08 78 1030			.3		42133	8	3600.	20.	24.	4. L	20.0	8.5	1.1	0.100
05 09 78 1045			.3		42151	8	9800.	12.	4. L	4. L	20.0	7.0	0.9	0.066
10 10 78 1025			.3		42169	8					10.5	9.0	0.7	0.055
01 11 78 1040			.3		42185	8					8.0	10.0	0.5	0.032
04 12 78 1035			.3		42200	4					0.0	8.0	2.0	0.154
MAXIMUM							9800.	100.	116.	4.	20.0	11.0	2.2	0.154
AVG OR GEOM MN (*)							741.*	24.*	20.* D	4.* D	8.9	7.9	1.4	0.092
MINIMUM							80.	4.	4.	4.	0.0	6.0	0.5	0.032
NO OF SAMPLES							6	6	6	6	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1050			.3		0.073	0.440	0.980	0.032	3.100	3.572	0.540	4.112	354.0	4.5
01 02 78 1045			.3		0.071	0.520	1.000	0.030	2.900	3.450	0.480	3.930	416.0	7.0
01 03 78 1050			.3		0.089	0.575	1.250	0.028	2.350	2.953	0.675	3.628	434.0	1.0
04 04 78 1015			.3		0.080	0.275	0.925	0.035	4.260	4.570	0.650	5.220	262.0	7.0
03 05 78 1040			.3		0.017	0.035	0.615	0.017	2.030	2.082	0.580	2.662	380.0	0.5L
05 06 78 1040			.3		0.041	0.035	0.810	0.019	0.45	0.504	0.775	1.279	334.	6.5
10 07 78 1030			.3		0.089	0.045	0.750	0.005	0.020	0.070	0.705	0.775	326.0	6.5
01 08 78 1030			.3		0.067	0.050	0.765	0.005	0.050	0.105	0.715	0.820	324.0	3.0
05 09 78 1045			.3		0.041	0.030	0.700	0.003	0.010L	0.043	0.670	0.713	336.0	3.0
10 10 78 1025			.3		0.039	0.025	0.810	0.039	5.510	5.574	0.785	6.359	506.0	7.5
01 11 78 1040			.3		0.015	0.020	0.730	0.014	2.780	2.814	0.710	3.524	472.0	7.0
04 12 78 1035			.3		0.084	0.650	1.550	0.028	3.700	4.378	0.900	5.278	502.0	19.0
MAXIMUM					0.089	0.650	1.550	0.039	5.510	5.574	0.900	6.359	506.0	19.0
AVG OR GEOM MN (*)					0.059	0.225	0.907	0.021	2.263D	2.510	0.682	3.192	387.2	6.00
MINIMUM					0.015	0.020	0.615	0.003	0.010	0.043	0.480	0.713	262.0	0.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: 0.7 MILES OF ETHEL
STATION TYPE: RIVER

STATION ID: 08-0056-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 26 LAT: LONG: U T M: 17 0489775.0 4840350.0 4 REGION: 01 MILEAGE: 79.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78	1050			.3		350	695	1.60	17.5	
01 02 78	1045			.3		403	705	1.90	17.5	
01 03 78	1050			.3		433	805	2.40	20.0	
04 04 78	1015			.3		255	480	6.20	8.0	
03 05 78	1040			.3			635	1.20	14.5	
05 06 78	1040			.3		328	535	1.9	15.5	
10 07 78	1030			.3		320	502	1.40	24.0	
01 08 78	1030			.3		321	550	1.40	33.0	
05 09 78	1045			.3		333	555	1.30	40.5	
10 10 78	1025			.3		498	720	1.60	18.5	
01 11 78	1040			.3		465	739	1.10	26.5	
04 12 78	1035			.3		483	745	8.00	32.0	7.97
MAXIMUM						498	805	8.00	40.5	7.97
AVG OR GEOM MN (*)						381	639	2.50	22.3	7.97
MINIMUM						255	480	1.10	8.0	7.97
NO OF SAMPLES						11	12	12	12	1

B.O.W./ SITE: SHARPES CREEK
SAMPLE POINT: AT CONCESSION ROADS 2 AND 3 WEST OF WAWANOSH TOWNSHIP
STATION TYPE: RIVER

STATION ID: 08-0056-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO: 27 LAT: LONG: U T M: 17 0454000.0 4851350.0 4 REGION: 01 MILEAGE: 18.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1445			.3		42014	4					0.0	9.5	0.5	0.007
01 02 78	1425			.3		42032	4	4. L	4. L	4. L	4. L	0.0	8.0	1.6	0.004
01 03 78	1430			.3		42050	4					0.0	9.0	1.2	0.017
04 04 78	1410			.3		42068	3	4. L	4. L	4. L	4. L	2.0	11.5	0.6	0.010
03 05 78	1440			.3		42086	8					10.0	9.5	0.8	0.023
05 06 78	1435			.3		42104	8	2900.	72.	36.	4. L	15.0	7.0	0.7	0.025
10 07 78	1420			.3		42122	8	1100.	36. L	144.	4. L	16.5	7.0	0.7	0.037
01 08 78	1430			.3		42140	8	550.	48.	156.	4. L	19.0	9.5	0.8	0.022
05 09 78	1415			.3		42158	8	3100.	92.	188.	4. L	17.0	7.0	0.3	0.033
MAXIMUM								3100.	92.	188.	4.	19.0	11.5	1.6	0.037
AVG OR GEOM MN (*)								210.* D	24.* D	37.* D	4.* D	8.8	8.7	0.8	0.020
MINIMUM								4.	4.	4.	4.	0.0	7.0	0.3	0.004
NO OF SAMPLES								6	6	6	6	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78	1445			.3		0.006	0.105	0.530	0.017	0.370	0.492	0.425	0.917	270.0	5.0
01 02 78	1425			.3		0.003	0.100	0.450	0.008	0.260	0.368	0.350	0.718	288.0	1.0
01 03 78	1430			.3		0.003	0.160	0.690	0.007	0.290	0.457	0.530	0.987	276.0	1.5
04 04 78	1410			.3		0.005	0.050	0.355	0.032	1.970	2.052	0.305	2.357	222.0	1.0
03 05 78	1440			.3		0.002	0.025	0.505	0.004	0.230	0.259	0.480	0.739	306.0	1.5
05 06 78	1435			.3		0.005	0.025	0.715	0.008	0.50	0.533	0.690	1.223	320.	7.5
10 07 78	1420			.3		0.009	0.025	0.795	0.008	0.680	0.713	0.770	1.483	342.0	3.0
01 08 78	1430			.3		0.009	0.010	0.540	0.006	0.560	0.576	0.530	1.106	314.0	3.0
05 09 78	1415			.3		0.015	0.025	0.460	0.009	0.440	0.474	0.435	0.909	308.0	6.0
MAXIMUM						0.015	0.160	0.795	0.032	1.970	2.052	0.770	2.357	342.0	7.5
AVG OR GEOM MN (*)						0.006	0.058	0.560	0.011	0.589	0.658	0.502	1.160	294.0	3.3
MINIMUM						0.002	0.010	0.355	0.004	0.230	0.259	0.305	0.718	222.0	1.0
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
23 01 78	1445			.3		265	518	1.00	5.5
01 02 78	1425			.3		287	518	0.90	4.5
01 03 78	1430			.3		275	590	1.20	4.5
04 04 78	1410			.3		221	449	1.00	3.5
03 05 78	1440			.3		305	515	0.90	3.5
05 06 78	1435			.3		313	510	2.0	3.5
10 07 78	1420			.3		339	525	1.30	4.0
01 08 78	1430			.3		311	505	0.92	3.5
05 09 78	1415			.3		302	496	0.95	4.0
MAXIMUM						339	590	2.0	5.5
AVG OR GEOM MN (*)						291	514	1.13	4.1
MINIMUM						221	449	0.90	3.5
NO OF SAMPLES						9	9	9	9

B.O.W./ SITE: SHARPES CREEK
SAMPLE POINT: AT FIRST CONCESSION ROAD NORTH OF BENMILLER
STATION TYPE: RIVER FLOW GAUGE MOE 02FD104
STATION ID: 08-0056-028-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER
STORET CODE: 02
002
0530

STN NO: 28 LAT: LONG: U T M: 17 0450350.0 4843000.0 4 REGION: 01 MILEAGE: 11.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1320			.3		42011	8					0.0	14.0	0.7	0.004
01 02 78	1305			.3		42029	8	20.	4. L	8.	4. L	2.0	12.5	1.0	0.007
01 03 78	1320			.3		42047	8					3.0	12.5	0.7	0.009
04 04 78	1305			.3		42065	3	16.	4.	104.	4. L	3.0	11.5	0.7	0.010
03 05 78	1315			.3		42083	8					10.0	11.5	0.7	0.012
05 06 78	1320			.3		42101	8	60.	4. L	8.	4. L	14.0	10.0	0.7	0.009
10 07 78	1345			.3		42119	8	340.	20.	16.	4. L	15.0	10.5	0.7	0.006
01 08 78	1320			.3		42137	8	390.	104.	84.	4. L	16.0	11.0	0.6	0.012
05 09 78	1300			.3		42155	8	400.	256.	196.	4. L	16.5	10.5	0.2	0.014
10 10 78	1155			.3		42173	8					11.0	8.5	0.9	0.006
01 11 78	1205			.3		42189	8					9.5	9.5	0.7	0.003
04 12 78	1205			.3		42204	8					1.5	9.0	0.8	0.029
MAXIMUM								400.	256.	196.	4.	16.5	14.0	1.0	0.029
AVG OR GEOM MN (*)								100.*	18.* D	35.*	4.* D	8.5	10.9	0.7	0.010
MINIMUM								16.	4.	8.	4.	0.0	8.5	0.2	0.003
NO OF SAMPLES								6	6	6	6	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78	1320			.3		0.002	0.015	0.360	0.009	2.900	2.924	0.345	3.269	290.0	4.0
01 02 78	1305			.3		0.004	0.015	0.470	0.007	2.900	2.922	0.455	3.377	308.0	4.0
01 03 78	1320			.3		0.002	0.020	0.420	0.008	2.780	2.808	0.400	3.208	316.0	2.0
04 04 78	1305			.3		0.009	0.065	0.260	0.019	2.430	2.514	0.195	2.709	238.0	1.5
03 05 78	1315			.3		0.001	0.010	0.425	0.006	2.450	2.466	0.415	2.881	336.0	0.5L
05 06 78	1320			.3		0.003	0.015	0.410	0.012	3.03	3.057	0.395	3.452	332.	7.
10 07 78	1345			.3		0.001L	0.015	0.340	0.014	3.800	3.829	0.325	4.154	330.0	17.0
01 08 78	1320			.3		0.004	0.010	0.315	0.008	3.440	3.458	0.305	3.763	334.0	2.0
05 09 78	1300			.3		0.013	0.010	0.230	0.009	3.300	3.319	0.220	3.539	356.0	4.0
10 10 78	1155			.3		0.003	0.010	0.735	0.005	1.260	1.275	0.725	2.000	360.0	9.0
01 11 78	1205			.3		0.001	0.015	0.465	0.003	1.790	1.808	0.450	2.258	346.0	6.0
04 12 78	1205			.3		0.004	0.020	0.645	0.005	2.700	2.725	0.625	3.350	342.0	10.0
MAXIMUM						0.013	0.065	0.735	0.019	3.800	3.829	0.725	4.154	360.0	17.0
AVG OR GEOM MN (*)						0.004D	0.018	0.423	0.009	2.732	2.759	0.405	3.163	324.0	5.6D
MINIMUM						0.001	0.010	0.230	0.003	1.260	1.275	0.195	2.000	238.0	0.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78	1320			.3		286	515	0.95	7.0	
01 02 78	1305			.3		304	530	1.40	7.0	
01 03 78	1320			.3		314	605	1.10	7.5	
04 04 78	1305			.3		237	454	2.10	4.5	
03 05 78	1315			.3			570	1.00	6.5	
05 06 78	1320			.3		325	545	1.0	6.5	
10 07 78	1345			.3		313	555	1.00	7.5	
01 08 78	1320			.3		332	550	0.90	7.0	
05 09 78	1300			.3		352	543	0.55	8.0	
10 10 78	1155			.3		351	521	0.55	6.0	
01 11 78	1205			.3		340	550	0.80	6.5	
04 12 78	1205			.3		332	515	3.80	8.0	7.96
MAXIMUM						352	605	3.80	8.0	7.96
AVG OR GEOM MN (*)						317	538	1.26	6.8	7.96
MINIMUM						237	454	0.55	4.5	7.96
NO OF SAMPLES						11	12	12	12	1

B.O.W./ SITE: TRIBUTARY OF MAITLAND RIVER
SAMPLE POINT: DOWNSTREAM FROM CONC RD 12-13 SOUTH OF WINGHAM
STATION TYPE: RIVER
STATION ID: 08-0056-029-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER
STORET CODE: 02
002
0530

STN NO: 29 LAT: LONG: U T M: 17 0471900.0 4857300.0 4 REGION: 01 MILEAGE: 51.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1600			.3		42017	4					0.0	12.5	0.6	0.032
01 02 78	1535			.3		42035	4					0.0	12.5	0.7	0.012
01 03 78	1605			.3		42053	4					0.0	12.0	1.8	0.056
04 04 78	1515			.3		42071	3	4. L	4. L	12.	4. L	5.0	9.5		
03 05 78	1540			.3		42089	8					15.0	11.0	0.7	0.019
05 06 78	1540			.3		42107	8	90.	2.	16.	4. L	16.0	7.5	0.8	0.017
10 07 78	1515			.3		42125	8	1100.	132.	192.	4. L	17.0	8.0	0.6	0.013
01 08 78	1540			.3		42143	8	140.	124.	600. G	4. L	22.0	7.0	0.8	0.027
05 09 78	1515			.3		42161	8	6800.	156.	108.	4. L	21.0	10.0	0.2	0.042
MAXIMUM								6800.	156.	600.	4.	22.0	12.5	1.8	0.056
AVG OR GEOM MN (*)								207.* D	29.* D	75.* U	4.* D	10.7	10.0	0.8	0.027
MINIMUM								4.	2.	12.	4.	0.0	7.0	0.2	0.012
NO OF SAMPLES								5	5	5	5	9	9	8	8

(C O N T D)

```
 B.O.W./ SITE: TRIBUTARY OF MAITLAND RIVER                                                 STATION ID:  08-0056-029-02
 SAMPLE POINT: DOWNSTREAM FROM CONC RD 12-13 SOUTH OF WINGHAM
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                      002
                                                        TERM STREAM: MAITLAND RIVER                                  0530

STN NO:     29    LAT:            LONG:                 U T M: 17 0471900.0 4857300.0 4     REGION: 01         MILEAGE:   51.50

                                      34        19        20        21        22         17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

23 01 78 1600               .3       0.001    0.005L     0.605     0.003     1.510     1.518     0.600     2.118     276.0      19.0
01 02 78 1535               .3       0.009    0.010      0.335     0.005     1.260     1.275     0.325     1.600     284.0       8.0
01 03 78 1605               .3       0.005    0.015      0.760     0.009     1.160     1.184     0.745     1.929     328.0      29.0
03 05 78 1540               .3       0.001    0.015      0.490     0.005     1.300     1.320     0.475     1.795     342.0       1.5
05 06 78 1540               .3       0.003    0.035      0.420     0.009     1.40      1.444     0.385     1.829     324.       11.
10 07 78 1515               .3       0.004    0.035      0.315     0.007     0.790     0.832     0.280     1.112     340.0      15.0
01 08 78 1540               .3       0.005    0.025      0.430     0.007     0.790     0.822     0.405     1.227     310.0      16.0
05 09 78 1515               .3       0.005    0.010      0.640     0.004     0.530     0.544     0.630     1.174     302.0      11.5

                       MAXIMUM       0.009    0.035      0.760     0.009     1.510     1.518     0.745     2.118     342.0      29.0
            AVG OR GEOM MN (*)       0.004    0.019D     0.499     0.006     1.093     1.117     0.481     1.598     313.3      13.9
                       MINIMUM       0.001    0.005      0.315     0.003     0.530     0.544     0.280     1.112     276.0       1.5

                 NO OF SAMPLES           8        8          8         8         8         8         8         8         8         8

                                      7        14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ   DISS.     COND.     TURB.   CHLORIDE
DY MO YR LMT    DIST BRG DEPTH     SOLIDS      25C  FORMAZIN       MG/L
                FEET      MTRS       MG/L     UMHOS     UNITS

23 01 78 1600               .3        257       485      3.50       5.5
01 02 78 1535               .3        276       496      2.30       5.0
01 03 78 1605               .3        299       545      7.30       5.0
03 05 78 1540               .3        340       545      0.85       5.0
05 06 78 1540               .3        313       515      2.3        5.0
10 07 78 1515               .3        325       519      1.20       4.0
01 08 78 1540               .3        294       496      2.60      22.5
05 09 78 1515               .3        290       496      1.30       3.0

                       MAXIMUM        340       545      7.30      22.5
            AVG OR GEOM MN (*)        299       512      2.67       6.9
                       MINIMUM        257       485      0.85       3.0

                 NO OF SAMPLES          8         8         8         8
```

```
 B.O.W./ SITE: LUCKNOW RIVER                                                               STATION ID:  08-0076-001-02
 SAMPLE POINT: HIGHWAY 21, PORT ALBERT
 STATION TYPE: RIVER   FLOW GAUGE MOE 02FD103           MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                      002
                                                        TERM STREAM: LUCKNOW RIVER                                   0730

STN NO:      1    LAT:            LONG:                 U T M: 17 0442590.0 4858390.0 4     REGION: 01         MILEAGE:    0.80

                                     934       901        80        81        84        88       805         3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE      SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH          NO          COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
                FEET      MTRS                      MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

23 01 78 1420               .3       42013   4                                                  0.0      14.0       0.7     0.014
01 02 78 1400               .3       42031   4          300.       4. L       8.       4. L     0.0      13.5       0.9     0.018
01 03 78 1405               .3       42049   4                                                  0.0      13.0       0.7     0.015
04 04 78 1350               .3       42067              980.       4.        60.       4. L     2.0      11.5       1.0     0.070
03 05 78 1400               .3       42085   8                                                 11.0      11.0       1.0     0.012
05 06 78 1400               .3       42103   8          10.  L     4. L       8.       4. L    19.0       8.5       0.7     0.016
10 07 78 1400               .3       42121   8         110.       12.         8.       4. L    21.0       9.5       0.8     0.025
01 08 78 1405               .3       42139   8         100.       16.       120.       4. L    24.5       8.5       0.9     0.012
05 09 78 1355               .3       42157   8         400.        8.        12.       4. L    23.0       9.0       0.3     0.016
10 10 78 1340               .3       42175   8                                                 13.0      10.5       1.0     0.014
01 11 78 1400               .3       42191   8                                                 10.0      11.0       0.6     0.006
04 12 78 1350               .3       42206   8                                                  0.0      10.5       1.5     0.116

                       MAXIMUM                          980.       16.       120.      4.      24.5      14.0       1.5     0.116
            AVG OR GEOM MN (*)                          153.* D     7.* D     19.*     4.* D   10.3      10.9       0.8     0.028
                       MINIMUM                           10.        4.         8.      4.       0.0       8.5       0.3     0.006

                 NO OF SAMPLES                              6         6         6         6        12        12        12        12

                                      34        19        20        21        22         17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

23 01 78 1420               .3       0.002    0.040      0.530     0.007     1.560     1.607     0.490     2.097     300.0      11.0
01 02 78 1400               .3       0.016    0.035      0.375     0.008     1.310     1.353     0.340     1.693     304.0       5.5
01 03 78 1405               .3       0.003    0.025      0.340     0.009     1.490     1.524     0.315     1.839     302.0      15.0
04 04 78 1350               .3       0.023    0.055      0.490     0.018     2.020     2.093     0.435     2.528     326.0      43.5
03 05 78 1400               .3       0.001    0.015      0.380     0.006     1.160     1.181     0.365     1.546     350.0       1.5
05 06 78 1400               .3       0.003    0.025      0.490     0.009     0.82      0.854     0.465     1.319     316.       15.5
10 07 78 1400               .3       0.003    0.035      0.475     0.008     0.600     0.643     0.440     1.083     354.0      24.0
01 08 78 1405               .3       0.003    0.025      0.375     0.005     0.620     0.650     0.350     1.000     294.0      11.0
05 09 78 1355               .3       0.005    0.015      0.335     0.007     0.600     0.622     0.320     0.942     310.0      18.5
10 10 78 1340               .3       0.005    0.005      0.615     0.007     1.390     1.402     0.610     2.012     390.0      16.5
01 11 78 1400               .3       0.002    0.015      0.430     0.003     0.950     0.968     0.415     1.383     340.0       5.0
04 12 78 1350               .3       0.007    0.020      0.830     0.011     2.000     2.031     0.810     2.841     432.0      98.0

                       MAXIMUM       0.023    0.055      0.830     0.018     2.020     2.093     0.810     2.841     432.0      98.0
            AVG OR GEOM MN (*)       0.006    0.026      0.472     0.008     1.210     1.244     0.446     1.690     334.8      22.1
                       MINIMUM       0.001    0.005      0.335     0.003     0.600     0.622     0.315     0.942     294.0       1.5

                 NO OF SAMPLES          12       12         12        12        12        12        12        12        12        12
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1420			.3		289	520	5.60	13.0	
01 02 78 1400			.3		299	540	3.40	12.5	
01 03 78 1405			.3		287	605	11.00	19.5	
04 04 78 1350			.3		283	485	44.00	7.5	
03 05 78 1400			.3		349	565	1.60	12.0	
05 06 78 1400			.3		301	515	5.2	13.5	
10 07 78 1400			.3		330	519	9.10	20.0	
01 08 78 1405			.3		283	483	6.20	17.5	
05 09 78 1355			.3		291	486	12.00	18.5	
10 10 78 1340			.3		373	540	3.70	11.0	
01 11 78 1400			.3		335	558	1.20	13.5	
04 12 78 1350			.3		334	520	49.00	15.5	7.70
MAXIMUM					373	605	49.00	20.0	7.70
AVG OR GEOM MN (*)					313	528	12.67	14.5	7.70
MINIMUM					283	483	1.20	7.5	7.70
NO OF SAMPLES					12	12	12	12	1

B.O.W./ SITE: LUCKNOW RIVER
SAMPLE POINT: CANNING STREET, VILLAGE OF LUCKNOW
STATION TYPE: RIVER FLOW GAUGE MOE 02FD102

STATION ID: 08-0076-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LUCKNOW RIVER

STORET CODE: 02
002
0730

STN NO: 2 LAT: LONG: U T M: 17 0458490.0 4866900.0 4 REGION: 01 MILEAGE: 16.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78 1515			.3		42015	4					0.0	12.5	0.6	0.024
01 02 78 1450			.3		42033	4	540.	12.	56.	4.	0.0	13.5	1.4	0.012
01 03 78 1500			.3		42051	4					0.0	14.0	1.9	0.019
04 04 78 1415			.3		42069	3	1500. G	44.	64.	4. L	3.0	12.5	0.8	0.050
03 05 78 1505			.3		42087	8					12.0	11.0	1.1	0.018
05 06 78 1500			.3		42105	8	5000.	160.	20.	8.	17.0	9.5	1.0	0.031
10 07 78 1445			.3		42123	8	3200.	230.	220.	4. L	19.5	9.0	0.9	0.021
01 08 78 1455			.3		42141	8	15000.	324.	404.	4. L	22.5	10.0	0.8	0.015
05 09 78 1425			.3		42159	8	11100.	532.	92.	4. L	20.0	9.5	0.3	0.018
10 10 78 1420			.3		42177	8					13.0	11.5	1.0	0.014
01 11 78 1430			.3		42192	8					10.0	11.0	0.7	0.014
04 12 78 1415			.3		42207	8					0.0	10.5	1.3	0.067
MAXIMUM							15000.	532.	404.	8.	22.5	14.0	1.9	0.067
AVG OR GEOM MN (*)							3595.* U	122.*	91.*	4.* D	9.8	11.2	1.0	0.025
MINIMUM							540.	12.	20.	4.	0.0	9.0	0.3	0.012
NO OF SAMPLES							6	6	6	6	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78 1515			.3		0.015	0.075	0.560	0.013	1.270	1.358	0.485	1.843	350.0	7.5
01 02 78 1450			.3		0.009	0.040	0.475	0.008	0.960	1.008	0.435	1.443	324.0	4.0
01 03 78 1500			.3		0.007	0.045	0.490	0.011	1.040	1.096	0.445	1.541	332.0	1.0
04 04 78 1415			.3		0.015	0.070	0.550	0.015	1.630	1.715	0.480	2.195	276.0	17.0
03 05 78 1505			.3		0.003	0.025	0.450	0.007	0.850	0.882	0.425	1.307	346.0	3.0
05 06 78 1500			.3		0.007	0.040	0.550	0.013	0.64	0.693	0.510	1.203	350.	9.
10 07 78 1445			.3		0.005	0.035	0.485	0.009	0.410	0.454	0.450	0.904	360.0	5.5
01 08 78 1455			.3		0.004	0.015	0.410	0.006	0.410	0.431	0.395	0.826	326.0	1.0
05 09 78 1425			.3		0.009	0.025	0.420	0.009	0.380	0.414	0.395	0.809	346.0	6.5
10 10 78 1420			.3		0.008	0.015	0.560	0.007	0.820	0.842	0.545	1.387	354.0	13.5
01 11 78 1430			.3		0.004	0.015	0.485	0.006	0.680	0.701	0.470	1.171	316.0	6.5
04 12 78 1415			.3		0.022	0.070	0.695	0.011	1.660	1.741	0.625	2.366	332.0	28.0
MAXIMUM					0.022	0.075	0.695	0.015	1.660	1.741	0.625	2.366	360.0	28.0
AVG OR GEOM MN (*)					0.009	0.039	0.511	0.010	0.896	0.945	0.472	1.416	334.3	8.5
MINIMUM					0.003	0.015	0.410	0.006	0.380	0.414	0.395	0.809	276.0	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 78 1515			.3		343	600	3.90	24.0	
01 02 78 1450			.3		320	555	1.80	16.0	
01 03 78 1500			.3		331	610	1.50	19.0	
04 04 78 1415			.3		259	490	23.00	9.5	
03 05 78 1505			.3		343	585	1.00	15.0	
05 06 78 1500			.3		341	565	2.7	18.5	
10 07 78 1445			.3		355	570	1.40	21.0	
01 08 78 1455			.3		325	555	1.00	22.5	
05 09 78 1425			.3		339	575	1.00	24.0	
10 10 78 1420			.3		340	535	1.60	12.0	
01 11 78 1430			.3		309	580	1.70	18.5	
04 12 78 1415			.3		304	465	1.00	12.0	7.88
MAXIMUM					355	610	23.00	24.0	7.88
AVG OR GEOM MN (*)					326	557	3.47	17.7	7.88
MINIMUM					259	465	1.00	9.5	7.88
NO OF SAMPLES					12	12	12	12	1

B.O.W./ SITE: PINE RIVER
SAMPLE POINT: AT CONCESSION A. HURON TWP. NEAR LURGAN
STATION TYPE: RIVER FLOW GAUGE FED 02FD001

STATION ID: 08-0103-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PINE RIVER

STORET CODE: 02
002
1010

STN NO: 1 LAT: LONG: U T M: 17 0441900.0 4882425.0 4 REGION: 01 MILEAGE: 1.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 78 1130			.3		40414	4	17.70	560.	124.	228.	4. L	1.2	11.9	0.8
14 02 78 1025			.3		40428	4	10.60	820.	56.	600. G	4. L	1.0	11.5	0.6
09 03 78 1200			.3		40441		7.00	610.	60.	1900.	12.	0.7	14.6	0.6
05 04 78 1340			.3		40459	6	482.00	1500. G	108.	600. G	12.	4.0	14.3	0.9
10 05 78 1045			.3		40486	3	14.80	170.	8.	20.	4. L	10.4	8.7	2.8
20 06 78 1235			.3		40509	6	24.70	6800.	600. G	220.	4. L	20.2	7.2	2.1
25 07 78 1300			.3		40532	6	0.00	500.	100.	120.	4.	22.2	8.1	1.4
22 08 78 1241			.3		40555	5 9	0.00	1600.	112.	116.	4. L	20.4	8.2	0.8
MAXIMUM							482.00	6800.	600.	1900.	12.	22.2	14.6	2.8
AVG OR GEOM MN (*)							69.60	889.* U	84.* U	236.* U	5.* D	10.0	10.6	1.3
MINIMUM							0.00	170.	8.	20.	4.	0.7	7.2	0.6
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 1130			.3		0.036	0.025	0.155	0.490	0.019	2.670	2.844	0.335	3.179	350.0
14 02 78 1025			.3		0.067	0.041	0.125	0.465	0.017	2.210	2.352	0.340	2.692	352.0
09 03 78 1200			.3		0.062	0.041	0.155	0.550	0.019	1.840	2.014	0.395	2.409	338.0
05 04 78 1340			.3		0.166	0.078	0.165	0.640	0.024	2.750	2.939	0.475	3.414	378.0
10 05 78 1045			.3		0.087	0.025	0.425	1.100	0.066	1.330	1.821	0.675	2.496	314.0
20 06 78 1235			.3		0.132	0.040	0.235	0.900	0.320	3.280	3.835	0.665	4.500	542.0
25 07 78 1300			.3		0.056	0.011	0.020	0.730	0.015	0.220	0.255	0.710	0.965	360.0
22 08 78 1241			.3		0.047	0.017	0.025	0.540	0.009	0.280	0.314	0.515	0.829	286.0
MAXIMUM					0.166	0.078	0.425	1.100	0.320	3.280	3.835	0.710	4.500	542.0
AVG OR GEOM MN (*)					0.082	0.035	0.163	0.677	0.061	1.823	2.047	0.514	2.561	365.0
MINIMUM					0.036	0.011	0.020	0.465	0.009	0.220	0.255	0.335	0.829	286.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	229 TOTAL LEAD MG/L	249 TOTAL ZINC MG/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
18 01 78 1130			.3		1.0	349	620	5.30	10.0				2.	1. L
14 02 78 1025			.3		3.0	349	625	5.00	10.0	8.06			2.	1. L
09 03 78 1200			.3		2.5	335	680	6.40	11.0	8.15	0.004	0.004	2.	1. L
05 04 78 1340			.3		86.0	292	410	125.00	6.0	8.13			1.	1.
10 05 78 1045			.3		20.5	293	496	10.00	11.5	8.19			1. L	1. L
20 06 78 1235			.3		74.0	468	580	66.00	18.0	8.08			1. L	1. L
25 07 78 1300			.3		19.0	341	510	22.00	28.5	8.31			1. L	1. L
22 08 78 1241			.3		26.0	260	456	27.00	22.0	8.11			1. L	1. L
MAXIMUM					86.0	468	680	125.00	28.5	8.31	0.004	0.004	2.	1.
AVG OR GEOM MN (*)					29.0	336	547	33.34	14.6	8.15	0.004	0.004	1. D	1. D
MINIMUM					1.0	260	410	5.00	6.0	8.06	0.004	0.004	1.	1.
NO OF SAMPLES					8	8	8	8	8	7	1	1	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	457 TRITIUM NCI/L	460 CESIUM -137 PCI/L	464 CESIUM 134 PCI/L	461 COBALT 60 PCI/1
18 01 78 1130			.3		5.	1. L	0.26 L	30. L	30. L	30. L
14 02 78 1025			.3		4.	1. L	0.26 L	30. L	30. L	30. L
09 03 78 1200			.3		5.	1. L	0.26 L	30. L	30. L	30. L
05 04 78 1340			.3		4.	3.	0.67	30. L	30. L	30. L
10 05 78 1045			.3		3.	1. L	0.49	30. L	30. L	30. L
20 06 78 1235			.3		3.	1. L	0.49	30. L	30. L	30. L
25 07 78 1300			.3		3.	1. L	0.49	30. L	30. L	30. L
22 08 78 1241			.3		3.	1. L	0.49	30. L	30. L	30. L
MAXIMUM					5.	3.	0.67	30.	30.	30.
AVG OR GEOM MN (*)					3.	1. D	0.43 D	30. D	30. D	30. D
MINIMUM					3.	1.	0.26	30.	30.	30.
NO OF SAMPLES					8	8	8	8	8	8

B.O.W./ SITE: LITTLE SAUBLE RIVER
SAMPLE POINT: NORTH BRANCH INVERHURON PROVINCIAL PARK MOE SW A1
STATION TYPE: RIVER

STATION ID: 08-0113-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LITTLE SAUBLE RIVER

STORET CODE: 02
002
1110

STN NO: 1 LAT: LONG: U T M: 17 0453825.0 4904950.0 4 REGION: 01 MILEAGE: 1.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 1050			.3		40413	6	2900.	196.	28.	4. L	3.0	12.0	1.6	0.094
14 02 78 0940			.3		40427	6	1100.	36.	204.	4. L	1.0	13.3	0.7	0.056
09 03 78 1200			.3		40440	6	2500.	212.	1300.	4. L	2.0	14.5	1.1	0.049
05 04 78 1230			.3		40458	6	1240.	120.	600. G	4. L	3.1	13.8	0.6	0.230
10 05 78 0953			.3		40485	6	4200.	692. G	40.	4. L	7.3	10.6	1.2	0.031
20 06 78 1137			.3		40508	5	3200.	600. G	456.	4. L	15.8	8.2	1.2	0.034
25 07 78 1157			.3		40531	5	4300.	870.	860.	4. L	16.9	8.4	1.4	0.066
22 08 78 1156			.3		40554	5 9	9700.	600. G	524.	4. L	18.2	6.9	5.6	0.250
12 09 78 1500			.3		40577	6	6000.	820.	690.	4. L	18.0	11.4	0.8	0.021
11 10 78 1345			.3		40597	5					12.2	10.7	0.8	0.050
31 10 78 1345			.3		40617	6	40.	10.	10. L	4. L	9.8	10.6	1.0	0.009
05 12 78 1400			.3		40637	6	3800.	88.	600. G	4.	1.0	13.9	0.8	0.126
MAXIMUM							9700.	870.	1300.	4.	18.2	14.5	5.6	0.250
AVG OR GEOM MN (*)							2171.*	206.* U	240.* E	4.* D	9.0	11.2	1.4	0.085
MINIMUM							40.	10.	10.	4.	1.0	6.9	0.6	0.009
NO OF SAMPLES							11	11	11	11	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 1050			.3		0.033	0.365	0.860	0.015	1.850	2.230	0.495	2.725	348.0	5.5
14 02 78 0940			.3		0.035	0.510	0.835	0.019	1.850	2.379	0.325	2.704	356.0	5.0
09 03 78 1200			.3		0.029	0.160	0.550	0.019	1.750	1.929	0.390	2.319	332.0	10.0
05 04 78 1230			.3		0.134	0.295	0.990	0.027	1.760	2.082	0.695	2.777	280.0	43.5
10 05 78 0953			.3		0.007	0.055	0.395	0.021	1.580	1.656	0.340	1.996	312.0	24.5
20 06 78 1137			.3		0.006	0.065	0.545	0.063	3.280	3.408	0.480	3.888	460.0	26.5
25 07 78 1157			.3		0.014	0.020	0.535	0.017	0.730	0.767	0.515	1.282	380.0	36.0
22 08 78 1156			.3		0.007	0.030	1.300	0.013	0.240	0.283	1.270	1.553	462.0	156.0
12 09 78 1500			.3		0.005	0.005	0.435	0.007	0.300	0.312	0.430	0.742	264.0	6.0
11 10 78 1345			.3		0.040	0.015	0.415	0.057	2.670	2.742	0.400	3.142	450.0	4.0
31 10 78 1345			.3		0.003	0.005	0.210	0.006	2.160	2.171	0.205	2.376	408.0	3.5
05 12 78 1400			.3		0.061	0.050	0.920	0.027	7.100	7.177	0.870	8.047	396.0	19.0
MAXIMUM					0.134	0.510	1.300	0.063	7.100	7.177	1.270	8.047	462.0	156.0
AVG OR GEOM MN (*)					0.031	0.131	0.666	0.024	2.106	2.261	0.535	2.796	370.7	28.3
MINIMUM					0.003	0.005	0.210	0.006	0.240	0.283	0.205	0.742	264.0	3.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
18 01 78 1050			.3		343	610	3.40	12.5	26.0	2.60	6.0	291	8.14	0.220
14 02 78 0940			.3		351	620	4.00	13.5	26.0	2.65	2.0	278	8.16	0.210
09 03 78 1200			.3		322	660	5.30	12.0	27.0	1.95	4.0	292	8.25	0.290
05 04 78 1230			.3		236	400	46.00	8.0	12.0	2.00	3.0	158	8.13	1.920
10 05 78 0953			.3		287	560	4.30	16.5	21.5	1.55	8.0	253	8.17	0.200
20 06 78 1137			.3		434	605	8.90	28.5	20.5	2.25	10.0	243	8.09	0.340
25 07 78 1157			.3		344	550	18.00	21.0	21.0	2.05	19.6	248	8.08	0.990
22 08 78 1156			.3		306	540	10.00	22.5	19.5	1.55	20.4	236	7.72	0.660
12 09 78 1500			.3		258	470	5.80	5.5	25.5	3.20	0.0	233	8.44	0.290
11 10 78 1345			.3		446	685	0.75	23.0	40.5	2.40	29.1	199	7.07	0.140
31 10 78 1345			.3		404	619	1.90	23.5	32.5	2.48	11.9	266	8.05	0.120
05 12 78 1400			.3		377	550	9.80	24.0	37.0	2.36	10.0	189	8.04	0.900
MAXIMUM					446	685	46.00	28.5	40.5	3.20	29.1	292	8.44	1.920
AVG OR GEOM MN (*)					342	572	9.85	17.5	25.8	2.25	10.3	241	8.03	0.523
MINIMUM					236	400	0.75	5.5	12.0	1.55	0.0	158	7.07	0.120
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
18 01 78 1050			.3			278.0	79.00	25.00	5	2.50	5.70	19		
14 02 78 0940			.3		1.0L	336.	79.00	26.80	5	2.90	6.60	10		
09 03 78 1200			.3		1.0L	332.0	51.00	27.20	5	2.70	7.70	14		
05 04 78 1230			.3		1.0	182.0	46.50	14.20		3.40	4.00	16		
10 05 78 0953			.3		1.0L	282.0	72.00	24.80	15	2.60	8.00	14		
20 06 78 1137			.3		1.5	287.0	75.00	24.20	15	3.80	12.60	22	1. L	1. L
25 07 78 1157			.3		1.0L	285.0	73.00	24.80	15	2.80	10.00	19	7.	1. L
22 08 78 1156			.3		1.0L	261.0	65.00	23.80	36	3.20	10.60	36	1. L	1. L
12 09 78 1500			.3		1.0L	272.0	67.00	25.40	37	2.50	4.10	18	1. L	1. L
11 10 78 1345			.3		1.0L	316.0	84.00	25.80	9	4.00	10.00	15	1. L	1. L
31 10 78 1345			.3		1.0L	317.0	82.50	26.80	3	3.05	10.20	11	1. L	1. L
05 12 78 1400			.3		1.0L	270.0	73.00	21.20	29	3.55	7.20		1. L	1. L
MAXIMUM					1.5	336.	84.00	27.20	37	4.00	12.60	36	7.	1.
AVG OR GEOM MN (*)					1.00	284.8	70.58	24.17	16	3.08	8.06	18	1. D	1. D
MINIMUM					1.0	182.0	46.50	14.20	3	2.50	4.00	10	1.	1.
NO OF SAMPLES					11	12	12	12	11	12	12	11	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	457 TRITIUM NCI/L	460 CESIUM -137 PCI/L	464 CESIUM 134 PCI/L	461 COBALT 60 PCI/1
20 06 78 1137			.3		4.	1. L	0.68	30. L	30. L	30. L
25 07 78 1157			.3		15.	1.	0.89	30. L	30. L	30. L
22 08 78 1156			.3		3.	1.	0.90	30. L	30. L	30. L
12 09 78 1500			.3		4.	1. L	1.56	30. L	30. L	30. L
11 10 78 1345			.3		6.	1. L	0.99	30. L	30. L	30. L
31 10 78 1345			.3		4.	1. L	0.83	30. L	30. L	30. L
05 12 78 1400			.3		4.	1.	0.45	30. L	30. L	30. L
MAXIMUM					15.	1.	1.56	30.	30.	30.
AVG OR GEOM MN (*)					5.	1. D	0.90	30. D	30. D	30. D
MINIMUM					3.	1.	0.45	30.	30.	30.
NO OF SAMPLES					7	7	7	7	7	7

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: YONGE STREET, TOWN OF WALKERTON
STATION TYPE: RIVER FLOW GAUGE FED 02FC002

STATION ID: 08-0123-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 2 LAT: LONG: U T M: 17 0487675.0 4886625.0 4 REGION: 01 MILEAGE: 47.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
17 01 78 1610			.3		42512	6	671.00					1.0	15.0	0.3
13 02 78 1500			.3		42524	6	611.00					1.0	14.0	1.2
14 03 78 1420			.3		42538	6	671.00					0.0	14.0	1.0
17 04 78 1535			.3		42553	6	2940.00	200.	20.	84.	4. L	3.0	13.5	0.7
15 05 78 1350			.3		42571	6	2510.00	1500. G	52.	60.	4. L	12.0	13.5	1.1
12 06 78 1300			.3		42589	6	514.00	1400.	148.	112.	4. L	18.0	12.5	0.6
18 07 78 1045			.3		42616	6	297.00					20.0	9.5	0.6
15 08 78 1130			.3		42635	6	343.00	4300.	304.	116.	4. L	23.0	8.5	1.0
12 09 78 1020			.3		42654	6	545.00	10200.	1210.	600. G	76.	16.0	10.0	1.0
18 10 78 0925			.3		42672	6	480.00	1800.	250.	130.	4. L	7.0	10.0	0.5
14 11 78 0850			.3		42691	6	554.00	5600.	520.	410.	12.	5.0	11.0	1.3

(C O N T D)

```
B.O.W./ SITE: SAUGEEN RIVER                                                                   STATION ID:  08-0123-002-02
SAMPLE POINT: YONGE STREET, TOWN OF WALKERTON
STATION TYPE: RIVER    FLOW GAUGE FED 02FC002              MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                           MINOR BASIN: LAKE HURON                                    002
                                                           TERM STREAM: SAUGEEN RIVER                                 1260

STN NO:      2    LAT:                 LONG:               U T M: 17 0487675.0 4886625.0 4    REGION: 01           MILEAGE:    47.60

                                            934       901      444       80        81        84        88       805        3         1
SAMP DTE HOUR   STN  STN SAMP  PJ         SAMPLE      SCD   FLOW CFS    TOTAL     FECAL     M.F.    PSEUD.    WATER     DISS.    5-DAY
DY MO YR LMT    DIST BRG DEPTH              NO                       COLIFORM  COLIFORM   ENTER.      MPA    TEMP.       O2       BOD
                FEET      MTRS                                       MF/100ML  MF/100ML  MF/100ML  MF/100ML  DEG C      MG/L      MG/L


                          MAXIMUM                          2940.00   10200.    1210.     600.      76.       23.0      15.0       1.3
             AVG OR GEOM MN (*)                             921.46   2109.* U   185.*    154.* U    7.* D     9.6      12.0       0.8
                          MINIMUM                           297.00    200.      20.      60.        4.        0.0       8.5       0.3

                  NO OF SAMPLES                                11        7         7         7         7        11        11        11

                                           33        34        19        20        21        22        17        18        23         5
SAMP DTE HOUR   STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT    DIST BRG DEPTH              P  REACTIVE   AMMONIA   KJELDAHL  NO2-N     NO3-N          N   ORGNC  N              SOLIDS
                FEET      MTRS           MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L

17 01 78 1610                .3          0.012     0.005     0.025     0.330     0.007     1.250     1.282     0.305     1.587     382.0
13 02 78 1500                .3          0.018     0.007     0.045     0.275     0.009     1.150     1.204     0.230     1.434     386.0
14 03 78 1420                .3          0.029     0.011     0.075     0.405     0.009     1.200     1.284     0.330     1.614     362.0
17 04 78 1535                .3          0.027     0.006     0.015     0.355     0.005     0.730     0.750     0.340     1.090     252.0
15 05 78 1350                .3          0.032     0.005     0.025     0.585     0.008     0.330     0.363     0.560     0.923     318.0
12 06 78 1300                .3          0.023     0.003     0.035     0.400     0.009     0.68      0.724     0.365     1.089     362.
18 07 78 1045                .3          0.024     0.007     0.020     0.360     0.007     0.500     0.527     0.340     0.867     442.0
15 08 78 1130                .3          0.032     0.006     0.030     0.435     0.008     0.500     0.538     0.405     0.943     444.0
12 09 78 1020                .3          0.063     0.016     0.025     0.495     0.013     0.700     0.738     0.470     1.208     410.0
18 10 78 0925                .3          0.025     0.007     0.015     0.470     0.009     0.540     0.564     0.455     1.019     438.0
14 11 78 0850                .3          0.015     0.002     0.005     0.420     0.007     0.830     0.842     0.415     1.257     432.0

                          MAXIMUM        0.063     0.016     0.075     0.585     0.013     1.250     1.284     0.560     1.614     444.0
             AVG OR GEOM MN (*)          0.027     0.007     0.029     0.412     0.008     0.765     0.801     0.383     1.185     384.4
                          MINIMUM        0.012     0.002     0.005     0.275     0.005     0.330     0.363     0.230     0.867     252.0

                  NO OF SAMPLES            11        11        11        11        11        11        11        11        11        11

                                            6         7        14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ         SUSP.     DISS.     COND,     TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH           SOLIDS    SOLIDS       25C  FORMAZIN     MG/L
                FEET      MTRS             MG/L      MG/L     UMHOS     UNITS

17 01 78 1610                .3            3.0       379       590      3.20       7.5
13 02 78 1500                .3            5.0       381       615      2.20       7.5
14 03 78 1420                .3           17.0       345       630     12.00      11.0
17 04 78 1535                .3           18.0       234       416      6.20       5.0
15 05 78 1350                .3           15.0       303       453      4.50       7.0
12 06 78 1300                .3            9.        353       585      1.7        7.5
18 07 78 1045                .3            7.0       435       638      3.90       8.0
15 08 78 1130                .3            7.0       437       620      3.90       8.0
12 09 78 1020                .3           26.5       383       600     17.00       8.5
18 10 78 0925                .3            2.0       436       615      9.80       7.5
14 11 78 0850                .3            5.0       427       638      3.10       7.5




                          MAXIMUM         26.5       437       638     17.00      11.0
             AVG OR GEOM MN (*)           10.4       374       582      6.14       7.7
                          MINIMUM          2.0       234       416      1.7        5.0

                  NO OF SAMPLES             11        11        11        11        11


B.O.W./ SITE: SAUGEEN RIVER                                                                   STATION ID:  08-0123-003-02
SAMPLE POINT: HIGHWAY 4, HANOVER                                                                        STORET CODE: 02
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                                  002
                                                           MINOR BASIN: LAKE HURON                                   1260
                                                           TERM STREAM: SAUGEEN RIVER

STN NO:      3    LAT:                 LONG:               U T M: 17 0496850.0 4888475.0 4    REGION: 01           MILEAGE:    58.80

                                            934       901       80        81        84        88       805        3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ         SAMPLE      SCD     TOTAL     FECAL     M.F.    PSEUD.    WATER     DISS.    5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH              NO             COLIFORM  COLIFORM    ENTER.      MPA    TEMP.        O2       BOD         P
                FEET      MTRS                             MF/100ML  MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L      MG/L      MG/L

18 04 78 0845                .3          42555      6        720.       52.       28.        4.  L     3.0      15.0       1.0     0.020
15 05 78 1420                .3          42572      6        610.       76.       24.        4.  L    11.5      13.0       1.4     0.032
12 06 78 1620                .3          42599      6        430.      720.       84.        4.  L    18.0      11.0       0.8     0.030
18 07 78 1020                .3          42615      6        330.       10.  L   108.        4.  L    24.0       9.0       0.5     0.057
15 08 78 1005                .3          42634      6       1000.       52.       32.        4.  L    23.0       8.5       0.7     0.066
12 09 78 1005                .3          42653      6       5200.      600.      600.  G    68.       17.0       9.0       0.9     0.045
18 10 78 0900                .3          42671      6       4300.      400.      450.        8.        6.0      10.0       0.7     0.032
14 11 78 0830                .3          42690      6       4900.      490.      310.        4.  L     4.0      10.5       1.2     0.031

                          MAXIMUM                           5200.      720.      600.       68.       24.0      15.0       1.4     0.066
             AVG OR GEOM MN (*)                             1271.*     143.* D   106.* U     6.* D    13.3      10.8       0.9     0.039
                          MINIMUM                            330.       10.       24.        4.        3.0       8.5       0.5     0.020

                  NO OF SAMPLES                                 8         8         8         8         8         8         8         8

                                           34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ     FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH        REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N          N   ORGNC  N             SOLIDS    SOLIDS
                FEET      MTRS          P MG/L      MG/L      MG/L  MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L

18 04 78 0845                .3          0.004     0.015     0.355     0.005     0.490     0.510     0.340     0.850     228.0      12.5
15 05 78 1420                .3          0.005     0.060     0.585     0.008     0.250     0.318     0.525     0.843     290.0      11.0
12 06 78 1620                .3          0.010     0.045     0.405     0.009     0.59      0.644     0.360     1.004     254.        9.
18 07 78 1020                .3          0.039     0.035     0.370     0.007     0.600     0.642     0.335     0.977     266.0       6.0
15 08 78 1005                .3          0.032     0.035     0.470     0.020     0.560     0.615     0.435     1.050     268.0       1.0
12 09 78 1005                .3          0.018     0.010     0.385     0.005     0.530     0.545     0.375     0.920     232.0       3.0
18 10 78 0900                .3          0.019     0.015     0.390     0.013     0.500     0.528     0.375     0.903     306.0       0.5
14 11 78 0830                .3          0.013     0.005     0.350     0.009     0.780     0.794     0.345     1.139     298.0       3.0

                          MAXIMUM        0.039     0.060     0.585     0.020     0.780     0.794     0.525     1.139     306.0      12.5
             AVG OR GEOM MN (*)          0.018     0.028     0.414     0.010     0.538     0.575     0.386     0.961     267.8       5.8
                          MINIMUM        0.004     0.005     0.350     0.005     0.250     0.318     0.335     0.843     228.0       0.5

                  NO OF SAMPLES              8         8         8         8         8         8         8         8         8         8
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 04 78 0845			.3			251	386	3.40	5.0
15 05 78 1420			.3			258	396	3.40	5.5
12 06 78 1620			.3		245		463	1.5	7.0
18 07 78 1020			.3		260		476	2.30	7.5
15 08 78 1005			.3		267		455	1.80	7.5
12 09 78 1005			.3		229		451	1.80	7.5
18 10 78 0900			.3		305		481	1.10	6.5
14 11 78 0830			.3		295		585	1.40	7.5
MAXIMUM					305	258	585	3.40	7.5
AVG OR GEOM MN (*)					267	254	462	2.09	6.8
MINIMUM					229	251	386	1.10	5.0
NO OF SAMPLES					6	2	8	8	8

B.O.W./ SITE: TEESWATER RIVER
SAMPLE POINT: DOWNSTREAM FROM DAM, WEST OF TEESWATER
STATION TYPE: RIVER FLOW GAUGE MOE 02FC104

STATION ID: 08-0123-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 4 LAT: LONG: U T M: 17 0475450.0 4871625.0 4 REGION: 01 MILEAGE: 62.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1310			.3		42506	6					1.0	15.0	0.9	0.170
13 02 78 1320			.3		42521	6					0.0	15.0	0.9	0.076
14 03 78 1315			.3		42536	6					1.0	14.5	1.5	0.174
17 04 78 1405			.3		42550	6	2500.	10. L	70.	4. L	2.5	14.5	1.2	0.025
15 05 78 1250			.3		42569	6	1500. G	16.	328.	4. L	11.5	14.5	1.4	0.197
12 06 78 1235			.3		42588	6	1500.	32.	60.	4. L	20.0	12.5	1.2	0.165
17 07 78 1345			.3		42607	6					24.0	12.0	4.1	0.290
14 08 78 1345			.3		42626	6	20.	16.	4. L	4. L	26.0	12.0	1.1	0.240
11 09 78 1350			.3		42645	6	8000.	20.	8.	4. L	23.0	13.0	1.0	0.640
17 10 78 1330			.3		42664	6	6300.	4.	60.	4.	7.0	13.0	0.7	0.069
13 11 78 1340			.3		42683	6	1200.	36.	316.	4. L	4.0	12.0	1.4	0.066
MAXIMUM							8000.	36.	328.	4.	26.0	15.0	4.1	0.640
AVG OR GEOM MN (*)							1315.* U	16.* D	50.* D	4.* D	10.9	13.5	1.4	0.192
MINIMUM							20.	4.	4.	4.	0.0	12.0	0.7	0.025
NO OF SAMPLES							7	7	7	7	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1310			.3		0.155	0.055	0.360	0.013	3.320	3.388	0.305	3.693	338.0	3.0
13 02 78 1320			.3		0.068	0.055	0.280	0.015	3.300	3.370	0.225	3.595	290.0	3.0
14 03 78 1315			.3		0.151	0.068	0.515	0.021	3.020	3.109	0.447	3.556	280.0	10.0
17 04 78 1405			.3		0.017	0.025	0.360	0.011	2.940	2.976	0.335	3.311	276.0	0.5L
15 05 78 1250			.3		0.171	0.220	0.810	0.020	1.540	1.780	0.590	2.370	348.0	2.0
12 06 78 1235			.3		0.108	0.105	0.580	0.049	1.98	2.134	0.475	2.609	302.	10.
17 07 78 1345			.3		0.187	0.355	1.050	0.079	1.410	1.844	0.695	2.539	330.0	8.0
14 08 78 1345			.3		0.202	0.065	0.530	0.036	1.720	1.821	0.465	2.286	326.0	5.0
11 09 78 1350			.3		0.580	0.060	0.480	0.063	1.730	1.853	0.420	2.273	282.0	13.0
17 10 78 1330			.3		0.049	0.005	0.425	0.009	2.06	2.074	0.420	2.494	368.	1.5
13 11 78 1340			.3		0.033	0.030	0.665	0.015	2.700	2.745	0.635	3.380	340.0	5.0
MAXIMUM					0.580	0.355	1.050	0.079	3.320	3.388	0.695	3.693	368.	13.0
AVG OR GEOM MN (*)					0.156	0.095	0.550	0.030	2.338	2.463	0.456	2.919	316.4	5.5D
MINIMUM					0.017	0.005	0.280	0.009	1.410	1.780	0.225	2.273	276.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1310			.3		335	555	1.40	7.5
13 02 78 1320			.3		287	550	1.20	7.0
14 03 78 1315			.3		270	540	4.70	11.0
17 04 78 1405			.3		276	500	1.10	7.5
15 05 78 1250			.3		346	510	1.10	7.0
12 06 78 1235			.3		292	525	1.0	7.5
17 07 78 1345			.3		322	535	2.00	10.0
14 08 78 1345			.3		321	505	1.60	9.0
11 09 78 1350			.3		269	520	1.50	9.0
17 10 78 1330			.3		366	560	2.2	8.0
13 11 78 1340			.3		335	559	1.40	8.5
MAXIMUM					366	560	4.70	11.0
AVG OR GEOM MN (*)					311	533	1.75	8.4
MINIMUM					269	500	1.0	7.0
NO OF SAMPLES					11	11	11	11

STATION ID: 08-0123-005-02

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: HIGHWAY 4, TOWN OF DURHAM
STATION TYPE: RIVER FLOW GAUGE FED 02FC014

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 5 LAT: LONG: U T M: 17 0512950.0 4891650.0 4 REGION: 01 MILEAGE: 78.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 0925			.3		42500	6					1.0	14.5	0.4	0.012
13 02 78 0900			.3		42515	6					1.0	15.0	0.6	0.022
14 03 78 0915			.3		42530	6					0.0	15.0	0.5	0.031
17 04 78 0845			.3		42544	6	110.	4.	12.	4. L	1.0	15.0	0.8	0.025
15 05 78 0915			.3		42563	6	610.	84.	128.	4. L	11.0	13.5	1.1	0.037
12 06 78 0830			.3		42582	6	930.	104.	24.	4. L	18.0	10.0	0.8	0.035
17 07 78 1015			.3		42601	6					20.0	8.5	0.7	0.070
14 08 78 0925			.3		42620	6	4500.	88.	4. L	4. L	21.0	9.5	0.9	0.049
11 09 78 1005			.3		42639	6	1600.	56.	28.	8.	17.0	10.0	0.5	0.041
17 10 78 0920			.3		42658	6	260.	4.	4. L	4. L	6.0	9.0	0.6	0.026
13 11 78 0900			.3		42677	6	2300.	88.	160.	4. L	3.0	12.0	0.8	0.030
MAXIMUM							4500.	104.	160.	8.	21.0	15.0	1.1	0.070
AVG OR GEOM MN (*)							829.*	35.*	22.* D	4.* D	9.0	12.0	0.7	0.034
MINIMUM							110.	4.	4.	4.	0.0	8.5	0.4	0.012
NO OF SAMPLES							7	7	7	7	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 0925			.3		0.010	0.055	0.385	0.003	0.560	0.618	0.330	0.948	288.0	3.0
13 02 78 0900			.3		0.015	0.105	0.360	0.005	0.500	0.610	0.255	0.865	266.0	3.0
14 03 78 0915			.3		0.021	0.095	0.345	0.005	0.660	0.760	0.250	1.010	266.0	3.0
17 04 78 0845			.3		0.006	0.020	0.330	0.005	0.370	0.395	0.310	0.705	172.0	3.5
15 05 78 0915			.3		0.007	0.025	0.650	0.005	0.120	0.150	0.625	0.775	220.0	14.5
12 06 78 0830			.3		0.013	0.065	0.460	0.011	0.30	0.376	0.395	0.771	248.	4.
17 07 78 1015			.3		0.023	0.105	0.530	0.020	0.350	0.475	0.425	0.900	308.0	5.0
14 08 78 0925			.3		0.027	0.070	0.455	0.021	0.410	0.501	0.385	0.886	264.0	4.5
11 09 78 1005			.3		0.023	0.025	0.335	0.010	0.490	0.525	0.310	0.835	246.0	5.0
17 10 78 0920			.3		0.015	0.005	0.470	0.005	0.25	0.260	0.465	0.725	316.	0.5
13 11 78 0900			.3		0.021	0.015	0.420	0.005	0.460	0.480	0.405	0.885	298.0	7.0
MAXIMUM					0.027	0.105	0.650	0.021	0.660	0.760	0.625	1.010	316.	14.5
AVG OR GEOM MN (*)					0.016	0.053	0.431	0.009	0.406	0.468	0.378	0.846	262.9	4.8
MINIMUM					0.006	0.005	0.330	0.003	0.120	0.150	0.250	0.705	172.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 0925			.3		285		480	4.00	8.0
13 02 78 0900			.3		263		489	1.10	7.5
14 03 78 0915			.3		263		490	1.70	11.5
17 04 78 0845			.3			213	327	2.60	4.0
15 05 78 0915			.3			227	349	4.60	4.0
12 06 78 0830			.3		244		438	13.	7.5
17 07 78 1015			.3		303		454	2.70	10.0
14 08 78 0925			.3		259		441	2.00	10.5
11 09 78 1005			.3		241		449	1.30	10.0
17 10 78 0920			.3		315		449	1.5	8.0
13 11 78 0900			.3		291		461	2.20	8.5
MAXIMUM					315	227	490	13.	11.5
AVG OR GEOM MN (*)					274	220	439	3.34	8.1
MINIMUM					241	213	327	1.10	4.0
NO OF SAMPLES					9	2	11	11	11

STATION ID: 08-0123-006-02

B.O.W./ SITE: ROCKY SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD SOUTHWEST OF MARKDALE
STATION TYPE: RIVER FLOW GAUGE MOE 02FC100

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 6 LAT: LONG: U T M: 17 0526700.0 4905475.0 4 REGION: 01 MILEAGE: 89.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 0950			.3		42501	6					1.0	15.0	0.2	0.020
13 02 78 0935			.3		42516	6					1.0	15.0	0.6	0.026
14 03 78 0945			.3		42531	6					2.0	14.0	1.0	0.028
17 04 78 0920			.3		42545	6	580.	8.	40.	4. L	2.0	14.0	0.8	0.027
15 05 78 0945			.3		42564	6	1120.	64.	8.	4. L	9.5	13.5	1.1	0.008
12 06 78 0920			.3		42583	6	110.	24.	4. L	4. L	16.0	10.0	0.5	0.011
17 07 78 1045			.3		42602	6					20.0	9.0	0.3	0.018
14 08 78 1000			.3		42621	6	530.	24.	4.	4. L	18.0	8.5	0.6	0.013
11 09 78 1045			.3		42640	6	460.	60.	16.	4. L	18.0	10.0	0.3	0.011
17 10 78 1000			.3		42659	6	3300.	272.	76.	20.	4.0	11.0	0.3	0.002
13 11 78 0940			.3		42678	6	790.	10.	60.	4. L	2.5	10.0	0.9	0.023
MAXIMUM							3300.	272.	76.	20.	20.0	15.0	1.1	0.028
AVG OR GEOM MN (*)							643.*	34.*	17.* D	5.* D	8.5	11.8	0.6	0.017
MINIMUM							110.	8.	4.	4.	1.0	8.5	0.2	0.002
NO OF SAMPLES							7	7	7	7	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 0950			.3		0.017	0.080	0.250	0.003	2.120	2.203	0.170	2.373	308.0	2.0
13 02 78 0935			.3		0.019	0.095	0.270	0.005	1.520	1.620	0.175	1.795	276.0	2.5
14 03 78 0945			.3		0.019	0.095	0.275	0.007	1.680	1.762	0.180	1.962	278.0	2.0
17 04 78 0920			.3		0.011	0.050	0.330	0.004	1.230	1.284	0.280	1.564	238.0	1.5
15 05 78 0945			.3		0.003	0.085	0.365	0.010	0.830	0.925	0.280	1.205	284.0	6.0
12 06 78 0920			.3		0.001	0.010	0.045	0.007	1.41	1.427	0.035	1.462	280.	1.
17 07 78 1045			.3		0.004	0.045	0.315	0.010	0.360	0.415	0.270	0.685	320.0	3.0
14 08 78 1000			.3		0.004	0.025	0.275	0.010	1.720	1.755	0.250	2.005	308.0	3.5
11 09 78 1045			.3		0.002	0.015	0.290	0.007	1.260	1.282	0.275	1.557	240.0	2.0
17 10 78 1000			.3		0.002	0.010	0.235	0.004	1.17	1.184	0.225	1.409	326.	1.
13 11 78 0940			.3		0.020	0.030	0.245	0.011	1.580	1.621	0.215	1.836	304.0	2.0
MAXIMUM					0.020	0.095	0.365	0.011	2.120	2.203	0.280	2.373	326.	6.0
AVG OR GEOM MN (*)					0.009	0.049	0.263	0.007	1.353	1.409	0.214	1.623	287.5	2.4
MINIMUM					0.001	0.010	0.045	0.003	0.360	0.415	0.035	0.685	238.0	1.
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 0950			.3		306	520	1.70	6.5
13 02 78 0935			.3		274	515	0.90	5.0
14 03 78 0945			.3		276	510	1.00	7.5
17 04 78 0920			.3		237	455	1.20	5.5
15 05 78 0945			.3		278	461	1.40	5.5
12 06 78 0920			.3		279	505	0.75	5.5
17 07 78 1045			.3		317	502	1.20	5.5
14 08 78 1000			.3		304	505	0.90	6.0
11 09 78 1045			.3		238	488	0.70	6.5
17 10 78 1000			.3		325	505	0.80	6.0
13 11 78 0940			.3		302	519	0.70	7.0
MAXIMUM					325	520	1.70	7.5
AVG OR GEOM MN (*)					285	499	1.02	6.0
MINIMUM					237	455	0.70	5.0
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT TOWNSHIP ROAD, DOWNSTREAM OF PAISLEY
STATION TYPE: RIVER

STATION ID: 08-0123-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 7 LAT: LONG:

U T M: 17 0477650.0 4907075.0 4 REGION: 01

MILEAGE: 21.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1340			.3		42508	6					1.0	15.0	0.7	0.014
14 02 78 0945			.3		42527	6	132.	4.	8.	4. L	0.0	14.5	0.7	0.017
15 03 78 1000			.3		42542	6	1810. G	120.	156.	4. L	0.0	14.5	1.0	0.024
18 04 78 1015			.3		42559	6					3.0	14.5	1.4	0.038
16 05 78 0955			.3		42578	6	1460.	224.	44.	4. L	12.0	13.0	1.3	0.038
12 06 78 1520			.3		42595	6	590.	60.	24.	4. L	19.0	11.0	0.7	0.025
17 07 78 1500			.3		42610	6					22.0	9.0	0.5	0.025
14 08 78 1455			.3		42629	6	4500.	8.	4. L	4. L	24.0	8.5	0.7	0.020
11 09 78 1500			.3		42648	6	270.	8.	20.	4. L	19.5	11.0	0.4	0.027
17 10 78 1505			.3		42667	6	220.	4.	8.	4. L	7.0	11.0	0.7	0.017
13 11 78 1505			.3		42686	6	710.	160.	4.	4. L	4.0	11.5	1.4	0.008
MAXIMUM							4500.	224.	156.	4.	24.0	15.0	1.4	0.038
AVG OR GEOM MN (*)							667.* U	27.*	16.* D	4.* D	10.1	12.1	0.9	0.023
MINIMUM							132.	4.	4.	4.	0.0	8.5	0.4	0.008
NO OF SAMPLES							8	8	8	8	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1340			.3		0.006	0.040	0.340	0.007	1.280	1.327	0.300	1.627	382.0	3.0
14 02 78 0945			.3		0.007	0.055	0.315	0.011	1.140	1.206	0.260	1.466	380.0	3.0
15 03 78 1000			.3		0.017	0.135	0.485	0.013	1.220	1.368	0.350	1.718	344.0	5.5
18 04 78 1015			.3		0.009	0.035	0.450	0.007	0.780	0.822	0.415	1.237	260.0	24.0
16 05 78 0955			.3		0.005	0.035	0.665	0.009	0.350	0.394	0.630	1.024	314.0	20.0
12 06 78 1520			.3		0.004	0.035	0.380	0.009	0.52	0.564	0.345	0.909	334.	13.
17 07 78 1500			.3		0.009	0.025	0.420	0.009	0.320	0.354	0.395	0.749	404.0	12.0
14 08 78 1455			.3		0.005	0.015	0.375	0.007	0.290	0.312	0.360	0.672	408.0	8.0
11 09 78 1500			.3		0.009	0.015	0.385	0.007	0.360	0.382	0.370	0.752	368.0	9.5
17 10 78 1505			.3		0.003	0.005	0.550	0.005	0.390	0.400	0.545	0.945	408.0	0.5
13 11 78 1505			.3		0.003	0.005	0.415	0.008	0.620	0.633	0.410	1.043	408.0	3.5
MAXIMUM					0.017	0.135	0.665	0.013	1.280	1.368	0.630	1.718	408.0	24.0
AVG OR GEOM MN (*)					0.007	0.036	0.435	0.008	0.661	0.706	0.398	1.104	364.5	9.3
MINIMUM					0.003	0.005	0.315	0.005	0.290	0.312	0.280	0.672	260.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

STATION ID: 08-0123-007-02

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT TOWNSHIP ROAD, DOWNSTREAM OF PAISLEY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 7 LAT: LONG: U T M: 17 0477650.0 4907075.0 4 REGION: 01 MILEAGE: 21.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1340			.3		379	580	4.20	8.5
14 02 78 0945			.3		377	615	2.50	8.0
15 03 78 1000			.3		339	605	5.70	12.0
18 04 78 1015			.3		236	426	14.00	6.5
16 05 78 0955			.3		294	460	6.50	7.5
12 06 78 1520			.3		321	525	3.7	8.5
17 07 78 1500			.3		392	608	7.90	9.0
14 08 78 1455			.3		400	555	5.40	9.5
11 09 78 1500			.3		358	585	6.60	9.5
17 10 78 1505			.3		407	585	1.90	10.0
13 11 78 1505			.3		404	610	1.80	9.5
MAXIMUM					407	615	14.00	12.0
AVG OR GEOM MN (*)					355	559	5.47	9.0
MINIMUM					236	426	1.80	6.5
NO OF SAMPLES					11	11	11	11

STATION ID: 08-0123-009-02

B.O.W./ SITE: NORTH SAUGEEN RIVER
SAMPLE POINT: AT ELDERSLIE TOWNSHIP ROAD 25 AND 26
STATION TYPE: RIVER FLOW GAUGE FED 02FC013

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 9 LAT: LONG: U T M: 17 0490350.0 4904500.0 4 REGION: 01 MILEAGE: 34.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 78 0930			.3		42513	4	93.20					1.0	14.5	0.1
14 02 78 1100			.3		42529	4	84.80	2500.	700.	124.	4.	1.0	14.0	1.6
15 03 78 1100			.3		42543	4	124.00	8000.	500.	252.	4.	0.0	13.5	1.2
18 04 78 1140			.3		42562	6	286.00	130.	4. L	16.	4. L	4.0	14.0	1.1
16 05 78 1140			.3		42581	6	229.00	180.	12.	8.	4. L	13.0	15.0	1.2
12 06 78 1600			.3		42598	6	106.00	870.	88.	52.	4. L	19.5	11.0	1.0
17 07 78 1610			.3		42613	6	64.10					22.0	9.5	0.7
14 08 78 1600			.3		42632	6	61.60	1900.	52.	48.	4. L	25.0	9.0	0.8
11 09 78 1605			.3		42651	6	74.70	3100.	28.	96.	4. L	20.0	12.0	0.8
18 10 78 1110			.3		42676	6	72.80	80.	10. L	10. L	4. L	7.0	11.0	1.0
14 11 78 1010			.3		42695	6	116.00	780.	100.	160.	4. L	4.5	12.0	1.9
MAXIMUM							286.00	8000.	700.	252.	4.	25.0	15.0	1.9
AVG OR GEOM MN (*)							119.29	810.*	51.* D	49.* D	4.* D	10.6	12.3	1.0
MINIMUM							61.60	80.	4.	8.	4.	0.0	9.0	0.1
NO OF SAMPLES							11	9	9	9	9	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 0930			.3		0.020	0.015	0.050	0.260	0.004	0.980	1.034	0.210	1.244	288.0
14 02 78 1100			.3		0.072	0.019	0.145	0.450	0.007	0.820	0.972	0.305	1.277	302.0
15 03 78 1100			.3		0.043	0.032	0.145	0.435	0.007	1.040	1.192	0.290	1.482	258.0
18 04 78 1140			.3		0.019	0.007	0.015	0.295	0.005	0.390	0.410	0.280	0.690	214.0
16 05 78 1140			.3		0.020	0.005	0.015	0.380	0.006	0.320	0.341	0.365	0.706	252.0
12 06 78 1600			.3		0.074	0.047	0.125	0.665	0.010	0.35	0.485	0.540	1.025	238.
17 07 78 1610			.3		0.018	0.008	0.020	0.370	0.005	0.130	0.155	0.350	0.505	230.0
14 08 78 1600			.3		0.021	0.008	0.020	0.310	0.005	0.090	0.115	0.290	0.405	230.0
11 09 78 1605			.3		0.029	0.019	0.005	0.029	0.004	0.180	0.189	0.024	0.213	200.0
18 10 78 1110			.3		0.016	0.006	0.015	0.330	0.005	0.250	0.270	0.315	0.585	278.0
14 11 78 1010			.3		0.042	0.010	0.015	0.375	0.005	0.380	0.400	0.360	0.760	276.0
MAXIMUM					0.074	0.047	0.145	0.665	0.010	1.040	1.192	0.540	1.482	302.0
AVG OR GEOM MN (*)					0.034	0.016	0.052	0.354	0.006	0.448	0.506	0.303	0.808	251.5
MINIMUM					0.016	0.005	0.005	0.029	0.004	0.090	0.115	0.024	0.213	200.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 0930			.3		1.0	287		480	3.40	4.5
14 02 78 1100			.3		45.0	257		474	2.20	4.0
15 03 78 1100			.3		8.0	250		476	5.20	5.5
18 04 78 1140			.3		10.5		254	390	6.50	4.0
16 05 78 1140			.3		8.0	244		413	3.00	3.5
12 06 78 1600			.3		10.5	228		417	2.7	5.0
17 07 78 1610			.3		11.0		251	386	5.90	3.5
14 08 78 1600			.3		6.0		248	382	3.90	4.0
11 09 78 1605			.3		4.0		257	395	2.20	4.0
18 10 78 1110			.3		2.0	276		432	3.10	4.0
14 11 78 1010			.3		6.0	270		439	4.40	4.5
MAXIMUM					45.0	287	257	480	6.50	5.5
AVG OR GEOM MN (*)					10.2	259	252	426	3.86	4.2
MINIMUM					1.0	228	248	382	2.20	3.5
NO OF SAMPLES					11	7	4	11	11	11

B.O.W./ SITE: OTTER CREEK
SAMPLE POINT: AT BRUCE COUNTY ROAD 16 NORTH OF MILDMAY
STATION TYPE: RIVER FLOW GAUGE MOE 02FC108

STATION ID: 08-0123-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 10 LAT: LONG: U T M: 17 0489800.0 4873375.0 4 REGION: 01 MILEAGE: 54.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1240			.3		42505	6					1.0	14.5	0.6	0.034
13 02 78 1245			.3		42520	6					0.0	15.0	1.2	0.032
14 03 78 1235			.3		42535	6					2.0	13.5	4.2	0.140
17 04 78 1330			.3		42549	6	1500. G	24.	60.	4. L	2.5	14.5	0.9	0.041
15 05 78 1200			.3		42568	6	1300.	148.	32.	4. L	10.0	14.0	1.1	0.029
12 06 78 1150			.3		42587	6	5800.	268.	84.	4. L	16.0	9.0	0.8	0.034
17 07 78 1315			.3		42606	6					22.0	10.0	0.5	0.025
14 08 78 1315			.3		42625	6	4000.	8.	4.	4. L	20.0	8.5	0.8	0.020
11 09 78 1325			.3		42644	6	20000.	152.	20.	4. L	18.0	11.0	0.4	0.023
17 10 78 1250			.3		42663	6	3300.	96.	68.	4. L	6.0	11.0	0.5	0.018
13 11 78 1310			.3		42682	6	1500.	160.	600. G	4. L	4.0	12.0	1.0	0.020
MAXIMUM							20000.	268.	600.	4.	22.0	15.0	4.2	0.140
AVG OR GEOM MN (*)							3323.* U	78.*	47.* U	4.* D	9.2	12.1	1.1	0.038
MINIMUM							1300.	8.	4.	4.	0.0	8.5	0.4	0.018
NO OF SAMPLES							7	7	7	7	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1240			.3		0.015	0.105	0.390	0.011	2.590	2.706	0.285	2.991	354.0	10.0
13 02 78 1245			.3		0.023	0.105	0.285	0.013	2.110	2.228	0.180	2.408	328.0	5.5
14 03 78 1235			.3		0.049	0.565	1.560	0.025	2.180	2.770	0.995	3.765	328.0	43.0
17 04 78 1330			.3		0.015	0.050	0.375	0.011	2.120	2.181	0.325	2.506	296.0	1.5
15 05 78 1200			.3		0.013	0.055	0.485	0.028	1.370	1.453	0.430	1.883	340.0	4.5
12 06 78 1150			.3		0.010	0.030	0.325	0.029	1.86	1.919	0.295	2.214	340.	10.5
17 07 78 1315			.3		0.014	0.025	0.305	0.018	1.680	1.723	0.280	2.003	326.0	4.0
14 08 78 1315			.3		0.012	0.015	0.315	0.014	1.770	1.799	0.300	2.099	360.0	3.0
11 09 78 1325			.3		0.009	0.005	0.235	0.011	1.490	1.506	0.230	1.736	254.0	16.0
17 10 78 1250			.3		0.010	0.005	0.270	0.011	1.70	1.716	0.265	1.981	374.	0.5
13 11 78 1310			.3		0.009	0.010	0.295	0.011	1.840	1.861	0.285	2.146	366.0	4.5
MAXIMUM					0.049	0.565	1.560	0.029	2.590	2.770	0.995	3.765	374.	43.0
AVG OR GEOM MN (*)					0.016	0.088	0.440	0.017	1.883	1.987	0.352	2.339	333.3	9.4
MINIMUM					0.009	0.005	0.235	0.011	1.370	1.453	0.180	1.736	254.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1240			.3		344	555	4.40	9.0
13 02 78 1245			.3		323	580	1.70	8.0
14 03 78 1235			.3		285	580	20.00	22.0
17 04 78 1330			.3		295	520	2.30	8.5
15 05 78 1200			.3		336	540	1.50	8.0
12 06 78 1150			.3		330	560	1.5	8.5
17 07 78 1315			.3		322	558	2.80	9.0
14 08 78 1315			.3		357	545	1.00	9.0
11 09 78 1325			.3		238	540	2.60	9.5
17 10 78 1250			.3		373	585	1.3	10.5
13 11 78 1310			.3		361	582	1.40	9.5
MAXIMUM					373	585	20.00	22.0
AVG OR GEOM MN (*)					324	559	3.68	10.1
MINIMUM					238	520	1.00	8.0
NO OF SAMPLES					11	11	11	11

B.O.W./ SITE: SOUTH SAUGEEN RIVER
SAMPLE POINT: NORMANBY TWP ROAD 17-18, SOUTH OF HANOVER SR-2
STATION TYPE: RIVER FLOW GAUGE FED 02FC012

PLUARG

STATION ID: 08-0123-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 12 LAT: LONG: U T M: 17 0499160.0 4884395.0 4 REGION: 01 MILEAGE: 63.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MP` MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
18 01 78 1115			.3		42514	6	164.00							
13 02 78 1520			.3		42525	6	111.00					1.0	15.0	0.7
14 03 78 1450			.3		42539	6	115.00					0.0	14.5	0.6
18 04 78 0830			.3		42554	6	858.00					0.0	14.0	1.1
15 05 78 1445			.3		42573	6	957.00	520.	60.	16.		3.0	14.0	0.4
12 06 78 1640			.3		42600	6	78.40	330.	84.	28.	4. L	11.5	14.0	1.4
18 07 78 1000			.3		42614	6	40.60	180.	56.	64.	4. L	18.0	12.0	0.5
15 08 78 0945			.3		42633	6	39.90	3200.	436.	72.	4. L	22.0	9.0	0.4
12 09 78 0945			.3		42652	6	56.40	10200.	1500. G	600. G	4. L	20.0	7.5	0.4
18 10 78 0850			.3		42670	6	95.50	150.	10.	10. L	24.	16.5	9.0	0.6
14 11 78 1035			.3		42689	6	123.00	900.	36.	148.	4. L	6.0	11.0	0.2
											4. L	4.0	12.0	1.0
MAXIMUM							957.00	10200.	1500.	600.	24.	22.0	15.0	1.4
AVG OR GEOM MN (*)							239.89	752.*	94.* U	56.* E	5.* D	9.3	12.0	0.7
MINIMUM							39.90	150.	10.	10.	4.	0.0	7.5	0.2
NO OF SAMPLES							11	7	7	7	7	11	11	11

(CONTD)

PLUARG

STATION ID: 08-0123-012-02

B.O.W./ SITE: SOUTH SAUGEEN RIVER
SAMPLE POINT: NORMANBY TWP ROAD 17-18, SOUTH OF HANOVER SR-2
STATION TYPE: RIVER FLOW GAUGE FED 02FC012

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 12 LAT: LONG: U T M: 17 0499160.0 4884395.0 4 REGION: 01 MILEAGE: 63.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
18 01 78 1115			.3		0.013	0.003	0.025	0.370	0.005	1.110	1.140	0.345	1.485	504.0
13 02 78 1520			.3		0.012	0.004	0.065	0.370	0.011	1.100	1.176	0.305	1.481	490.0
14 03 78 1450			.3		0.020	0.009	0.090	0.440	0.009	1.190	1.289	0.350	1.639	512.0
18 04 78 0830			.3		0.028	0.004	0.014	0.400	0.005	1.000	1.019	0.386	1.405	298.0
15 05 78 1445			.3		0.062	0.006	0.035	0.755	0.009	0.280	0.324	0.720	1.044	370.0
12 06 78 1640			.3		0.015	0.002	0.035	0.430	0.008	0.440	0.483	0.395	0.878	576.0
18 07 78 1000			.3		0.011	0.007	0.030	0.360	0.004	0.120	0.154	0.330	0.484	916.0
15 08 78 0945			.3		0.015	0.005	0.040	0.360	0.005	0.120	0.165	0.320	0.485	932.0
12 09 78 0945			.3		0.025	0.005	0.025	0.340	0.007	0.240	0.272	0.315	0.587	766.0
18 10 78 0850			.3		0.009	0.002	0.005	0.470	0.003	0.310	0.318	0.465	0.783	572.0
14 11 78 1035			.3		0.017	0.001	0.015	0.445	0.004	0.650	0.669	0.430	1.099	582.0
MAXIMUM					0.062	0.009	0.090	0.755	0.011	1.190	1.289	0.720	1.639	932.0
AVG OR GEOM MN (*)					0.021	0.004	0.034	0.431	0.006	0.596	0.637	0.396	1.034	592.5
MINIMUM					0.009	0.001	0.005	0.340	0.003	0.120	0.154	0.305	0.484	298.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1115			.3		6.5	498		710	4.40	8.0
13 02 78 1520			.3		5.0	485		785	2.00	7.0
14 03 78 1450			.3		25.0	487		798	15.00	9.5
18 04 78 0830			.3		22.0		276	425	7.80	5.7
15 05 78 1445			.3		58.5	312		454	20.00	8.0
12 06 78 1640			.3		8.0	568		805	2.10	8.5
18 07 78 1000			.3		8.0	908		1099	3.50	9.0
15 08 78 0945			.3		4.0	928		1150	4.10	8.5
12 09 78 0945			.3		17.5	749		995	12.00	8.5
18 10 78 0850			.3		0.5	571		760	3.20	8.0
14 11 78 1035			.3		26.0	556		782	13.00	14.0
MAXIMUM					58.5	928	276	1150	20.00	14.0
AVG OR GEOM MN (*)					16.5	606	276	797	7.92	8.6
MINIMUM					0.5	312	276	425	2.00	5.7
NO OF SAMPLES					11	10	1	11	11	11

STATION ID: 08-0123-015-02

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: DURHAM CONSERVATION AREA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 15 LAT: LONG: U T M: 17 0516050.0 4891650.0 4 REGION: 01 MILEAGE: 81.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1045			.3		42502	6					1.0	15.0	0.7	0.004
13 02 78 1010			.3		42517	6					1.0	15.0	0.9	0.006
14 03 78 1030			.3		42532	6					0.0	14.0	0.8	0.009
17 04 78 1000			.3		42546	6	8.	4.	4.	4. L	2.0	14.0	0.8	0.012
15 05 78 1020			.3		42565	6	390.	32.	72.	4. L	10.5	13.0	1.1	0.028
12 06 78 1000			.3		42584	6	230.	32.	36.	4. L	18.0	9.0	0.6	0.011
17 07 78 1115			.3		42603	6					19.0	8.0	0.5	0.013
14 08 78 1115			.3		42622	6	1900.	20.	8.	4. L	22.0	7.5	0.7	0.009
11 09 78 1140			.3		42641	6	660.	40.	52.	4. L	17.0	8.5	0.5	0.008
17 10 78 1030			.3		42660	6	80.	4. L	4.	4. L	5.0	9.5	0.5	0.007
13 11 78 1030			.3		42679	6	4.	4. L	4.	4. L	3.0	12.0	0.6	0.007
MAXIMUM							1900.	40.	72.	4.	22.0	15.0	1.1	0.028
AVG OR GEOM MN (*)							116.*	13.* D	13.*	4.* D	9.0	11.4	0.7	0.010
MINIMUM							4.	4.	4.	4.	0.0	7.5	0.5	0.004
NO OF SAMPLES							7	7	7	7	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1045			.3		0.001	0.015	0.350	0.003	0.530	0.548	0.335	0.883	286.0	0.5L
13 02 78 1010			.3		0.001	0.035	0.275	0.003	0.510	0.548	0.240	0.788	240.0	1.0
14 03 78 1030			.3		0.001	0.015	0.335	0.004	0.690	0.709	0.320	1.029	248.0	1.0
17 04 78 1000			.3		0.005	0.015	0.330	0.004	0.290	0.309	0.315	0.624	170.0	1.0
15 05 78 1020			.3		0.005	0.015	0.610	0.004	0.100	0.119	0.595	0.714	220.0	9.5
12 06 78 1000			.3		0.001	0.005	0.385	0.003	0.29	0.298	0.380	0.678	230.	2.5
17 07 78 1115			.3		0.002	0.015	0.335	0.004	0.300	0.319	0.320	0.639	272.0	6.0
14 08 78 1115			.3		0.004	0.020	0.310	0.005	0.360	0.385	0.290	0.675	252.0	5.0
11 09 78 1140			.3		0.002	0.015	0.310	0.003	0.390	0.408	0.295	0.703	192.0	3.0
17 10 78 1030			.3		0.002	0.005	0.445	0.002	0.22	0.227	0.440	0.667	306.	0.5
13 11 78 1030			.3		0.004	0.015	0.350	0.003	0.330	0.348	0.335	0.683	290.0	4.0
MAXIMUM					0.005	0.035	0.610	0.005	0.690	0.709	0.595	1.029	306.	9.5
AVG OR GEOM MN (*)					0.003	0.015	0.367	0.003	0.365	0.383	0.351	0.735	246.0	3.1D
MINIMUM					0.001	0.005	0.275	0.002	0.100	0.119	0.240	0.624	170.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	1045			.3		286		468	1.10	5.5
13 02 78	1010			.3		239		469	0.90	5.0
14 03 78	1030			.3		247		461	0.95	7.0
17 04 78	1000			.3			208	320	1.90	3.5
15 05 78	1020			.3			227	349	3.10	4.5
12 06 78	1000			.3		228		418	1.0	5.5
17 07 78	1115			.3		266		426	1.80	6.0
14 08 78	1115			.3		247		422	1.30	6.5
11 09 78	1140			.3		189		427	1.20	6.0
17 10 78	1030			.3		305		447	1.0	6.0
13 11 78	1030			.3		286		447	1.60	6.0
MAXIMUM						305	227	469	3.10	7.0
AVG OR GEOM MN (*)						255	218	423	1.44	5.6
MINIMUM						189	208	320	0.90	3.5
NO OF SAMPLES						9	2	11	11	11

B.O.W./ SITE: SOUTH SAUGEEN RIVER
SAMPLE POINT: AT WELLINGTON COUNTY ROAD 9
STATION TYPE: RIVER

STATION ID: 08-0123-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 16 LAT: LONG: U T M: 17 0518675.0 4866600.0 4 REGION: 01 MILEAGE: 82.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78	1125			.3		42503	4					1.0	14.0	0.4	0.013
13 02 78	1115			.3		42518	4					1.0	14.5	0.5	0.019
14 03 78	1115			.3		42533	6					0.0	13.0	1.1	0.043
17 04 78	1040			.3		42547	6	108.	4. L	104.	4. L	2.5	13.5	0.6	0.015
15 05 78	1100			.3		42566	6	480.	40.	60.	4. L	10.0	14.0	1.1	0.034
12 06 78	1035			.3		42585	6	160.	12.	4. L	4. L	18.0	9.0	0.6	0.017
17 07 78	1200			.3		42604	6					20.0	9.5	0.7	0.013
14 08 78	1150			.3		42623	6	6300.	40.	4. L	4. L	23.0	10.0	0.9	0.011
11 09 78	1230			.3		42642	6	300.	12.	8.	4. L	19.5	11.0	0.6	0.014
17 10 78	1100			.3		42661	6	180.	4.	4. L	4. L	5.0	11.0	0.8	0.007
13 11 78	1100			.3		42680	6	68.	4. L	4.	4. L	3.0	12.0	1.0	0.006
MAXIMUM								6300.	40.	104.	4.	23.0	14.5	1.1	0.043
AVG OR GEOM MN (*)								294.*	11.* D	10.* D	4.* D	9.4	12.0	0.8	0.017
MINIMUM								68.	4.	4.	4.	0.0	9.0	0.4	0.006
NO OF SAMPLES								7	7	7	7	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	1125			.3		0.007	0.020	0.455	0.005	0.730	0.755	0.435	1.190	344.0	0.5
13 02 78	1115			.3		0.012	0.055	0.425	0.011	0.800	0.866	0.370	1.236	294.	5.
14 03 78	1115			.3		0.029	0.035	0.415	0.008	1.140	1.183	0.380	1.563	298.0	3.0
17 04 78	1040			.3		0.009	0.015	0.385	0.005	0.440	0.460	0.370	0.830	184.0	0.5
15 05 78	1100			.3		0.005	0.015	0.785	0.006	0.130	0.151	0.770	0.921	258.0	8.5
12 06 78	1035			.3		0.002	0.015	0.610	0.019	0.77	0.804	0.595	1.399	274.	1.5
17 07 78	1200			.3		0.006	0.020	0.475	0.017	0.710	0.747	0.455	1.202	290.0	6.0
14 08 78	1150			.3		0.004	0.015	0.450	0.018	0.880	0.913	0.435	1.348	280.0	2.5
11 09 78	1230			.3		0.002	0.005	0.435	0.021	0.810	0.836	0.430	1.266	222.0	5.5
17 10 78	1100			.3		0.003	0.005	0.580	0.007	0.28	0.292	0.575	0.867	334.	0.5
13 11 78	1100			.3		0.003	0.015	0.515	0.009	0.500	0.524	0.500	1.024	314.0	3.0
MAXIMUM						0.029	0.055	0.785	0.021	1.140	1.183	0.770	1.563	344.0	8.5
AVG OR GEOM MN (*)						0.007	0.020	0.503	0.011	0.654	0.685	0.483	1.168	281.1	3.3
MINIMUM						0.002	0.005	0.385	0.005	0.130	0.151	0.370	0.830	184.0	0.5
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	1125			.3		344		525	2.70	7.0
13 02 78	1115			.3		289		530	1.2	6.5
14 03 78	1115			.3		295		520	1.70	10.0
17 04 78	1040			.3			226	347	2.70	5.0
15 05 78	1100			.3			256	393	2.60	5.5
12 06 78	1035			.3		273		473	0.80	10.5
17 07 78	1200			.3		284		469	1.30	14.0
14 08 78	1150			.3		277		452	1.40	12.5
11 09 78	1230			.3		216		462	2.20	12.0
17 10 78	1100			.3		333		482	0.95	7.5
13 11 78	1100			.3		311		488	1.70	8.5
MAXIMUM						344	256	530	2.70	14.0
AVG OR GEOM MN (*)						291	241	467	1.75	9.0
MINIMUM						216	226	347	0.80	5.0
NO OF SAMPLES						9	2	11	11	11

STATION ID: 08-0123-017-83

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT HIGHWAY 21 SOUTHAMPTON
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 17 LAT: LONG: U T M: 17 0470750.0 4927250.0 4 REGION: 01 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 04 78 1100			.3		40457	6	7960.00	1140.	84.	144.	4. L	1.6	14.0	0.8
12 04 78 1630			.3		40462	6	11500.00	1400.	228.	600. G	8.	5.0	14.0	2.2
26 04 78 0820			.3		40464	6	3080.00	400.	12.	60.	4. L	12.0	12.0	0.7
10 05 78 0900			.3		40484	3	2580.00	2900.	56.	48.	4. L	10.2	10.0	1.9
20 06 78 1000			.3		40507	6	2210.00	2400.	352.	128.	4. L	19.2	7.5	1.4
25 07 78 1033			.3		40530	6	530.00	140.	60.	10. L	4. L	20.9	7.2	0.8
22 08 78 1043			.3		40553	6	519.00	1300.	8.	4. L	4. L	20.8	8.1	0.5
12 09 78 1300			.3		40576	6	618.00	1400.	128.	36.	4. L	17.0	10.0	0.7
11 10 78 1200			.3		40596	6	1620.00					12.1	11.0	1.1
31 10 78 1230			.3		40616	6	1110.00	380.	4.	8.	4. L	8.3	10.9	1.3
05 12 78 1220			.3		40636	6	1840.00	8400.	32.	600. G	12.	0.0	14.2	1.3
MAXIMUM							11500.00	8400.	352.	600.	12.	20.9	14.2	2.2
AVG OR GEOM MN (*)							3051.55	1137.*	45.*	54.* E	5.* D	11.6	10.8	1.2
MINIMUM							519.00	140.	4.	4.	4.	0.0	7.2	0.5
NO OF SAMPLES							11	10	10	10	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
05 04 78 1100			.3		0.086	0.025	0.065	0.540	0.015	1.270	1.350	0.475	1.825	300.0
12 04 78 1630			.3		0.174	0.026	0.065	0.955	0.015	0.780	0.860	0.890	1.750	478.0
26 04 78 0820			.3		0.026	0.008	0.030	0.380	0.007	0.630	0.667	0.350	1.017	304.0
10 05 78 0900			.3		0.026	0.005	0.015	0.395	0.008	0.990	1.013	0.380	1.393	316.0
20 06 78 1000			.3		0.075	0.011	0.075	0.850	0.025	1.030	1.130	0.775	1.905	410.0
25 07 78 1033			.3		0.038	0.007	0.005	0.450	0.006	0.300	0.311	0.445	0.756	412.0
22 08 78 1043			.3		0.019	0.003	0.005L	0.350	0.005	0.240	0.250	0.345	0.595	344.0
12 09 78 1300			.3		0.027	0.004	0.005	0.350	0.005	0.320	0.330	0.345	0.675	364.0
11 10 78 1200			.3		0.024	0.006	0.005	0.565	0.005	0.390	0.400	0.560	0.960	544.0
31 10 78 1230			.3		0.014	0.003	0.005	0.405	0.005	0.380	0.390	0.400	0.790	370.0
05 12 78 1220			.3		0.053	0.016	0.040	0.570	0.010	1.230	1.280	0.530	1.810	326.0
MAXIMUM					0.174	0.026	0.075	0.955	0.025	1.270	1.350	0.890	1.905	544.0
AVG OR GEOM MN (*)					0.051	0.010	0.029D	0.528	0.010	0.687	0.726	0.500	1.225	378.9
MINIMUM					0.014	0.003	0.005	0.350	0.005	0.240	0.250	0.345	0.595	300.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
05 04 78 1100			.3		44.5	256		455	24.00	6.5	21.0	2.15	8.16	1.040
12 04 78 1630			.3		235.0		235	361	57.00	5.5	17.0	1.75	8.19	3.850
26 04 78 0820			.3		27.5	276		450	5.20	6.5	31.0	0.70	8.44	0.100
10 05 78 0900			.3		18.0	298		518	6.60	7.5	46.0	0.50	8.33	0.200
20 06 78 1000			.3		42.0	368		478	21.00	7.0	42.5	2.15	8.23	1.060
25 07 78 1033			.3		15.0	397		570	8.20	9.0	105.0	3.20	8.16	0.270
22 08 78 1043			.3		8.0	336		565	2.30	9.0	99.0	1.95	8.18	0.440
12 09 78 1300			.3		8.5	355		570	3.30	10.0	113.0	1.80	8.22	0.240
11 10 78 1200			.3		4.0	540		635	1.50	8.5	54.0	2.20	6.45	0.290
31 10 78 1230			.3		0.5	369		550	1.40	9.5	64.0	0.82	8.40	0.120
05 12 78 1220			.3		12.5	313		440	6.50	11.5	46.5	2.18	8.15	0.670
MAXIMUM					235.0	540	235	635	57.00	11.5	113.0	3.20	8.44	3.850
AVG OR GEOM MN (*)					37.8	351	235	508	12.46	8.2	58.1	1.76	8.08	0.753
MINIMUM					0.5	256	235	361	1.40	5.5	17.0	0.50	6.45	0.100
NO OF SAMPLES					11	10	1	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
05 04 78 1100			.3		1.0	3.9			0.001	0.030L	0.020L	0.020	0.030L	0.005L
12 04 78 1630			.3		1.5	4.9	27	1	0.002	0.030	0.020	0.010L	0.030L	0.005L
26 04 78 0820			.3		1.0L	4.5	11	0	0.001L	0.090	0.020L	0.010L	0.030L	0.005L
10 05 78 0900			.3		1.0L	4.2	26							
20 06 78 1000			.3		1.5									
25 07 78 1033			.3		1.0L	3.4			0.001	0.04 L	0.02 L	0.01 L	0.03 L	0.005L
22 08 78 1043			.3		1.0L	3.7								
12 09 78 1300			.3		1.0L	3.2	16							
11 10 78 1200			.3		1.0	9.2	23		0.001		0.020L	0.010L	0.030L	0.005L
31 10 78 1230			.3		1.0L	6.3	25							
05 12 78 1220			.3		1.0L	5.8	17							
MAXIMUM					1.5	9.2	27	1	0.002	0.090	0.020	0.020	0.030	0.005
AVG OR GEOM MN (*)					1.1D	4.9	21	1	0.001D	0.048D	0.020D	0.012D	0.030D	0.005D
MINIMUM					1.0	3.2	11	0	0.001	0.030	0.020	0.010	0.030	0.005
NO OF SAMPLES					11	10	7	2	5	4	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	457 TRITIUM NCI/L	460 CESIUM -137 PCI/L	464 CESIUM 134 PCI/L	461 COBALT 60 PCI/1
05 04 78 1100			.3		0.020	0.020L	1. L	1. L	3.	1.	0.26 L	30. L	30. L	30. L
12 04 78 1630			.3		0.020	0.020L								
26 04 78 0820			.3		0.010L	0.020L								
10 05 78 0900			.3				1. L	1. L	3.	1. L	0.27 L	30. L	30. L	30. L
20 06 78 1000			.3				1.	1. L	3.	1.	0.26 L	30. L	30. L	30. L
25 07 78 1033			.3		0.03	0.02 L	1. L	1. L	1.	1. L	0.26 L	30. L	30. L	30. L
22 08 78 1043			.3				1. L	1. L	2.	1. L	0.26 L	30. L	30. L	30. L
12 09 78 1300			.3				3.	1. L	3.	1. L	0.26 L	30. L	30. L	30. L
11 10 78 1200			.3		0.010L	0.020L	1. L	1. L	3.	1. L	0.12 L	30. L	30. L	30. L
31 10 78 1230			.3				1. L	1. L	1.	1. L	0.12 L	30. L	30. L	30. L
05 12 78 1220			.3				1. L	1. L	2.	1. L	0.19 L	30. L	30. L	30. L
MAXIMUM					0.03	0.020	3.	1.	3.	1.	0.27	30.	30.	30.
AVG OR GEOM MN (*)					0.018D	0.020D	1. D	1. D	2.	1. D	0.22 D	30. D	30. D	30. D
MINIMUM					0.010	0.020	1.	1.	1.	1.	0.12	30.	30.	30.
NO OF SAMPLES					5	5	9	9	9	9	9	9	9	9

B.O.W./ SITE: SOUTH SAUGEEN RIVER
SAMPLE POINT: AT COUNTY ROAD 16 EAST OF NEUSTADT
STATION TYPE: RIVER FLOW GAUGE MOE 02FC107

STATION ID: 08-0123-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 36 LAT: LONG: U T M: 17 0500900.0 4880500.0 4 REGION: 01 MILEAGE: 67.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1200			.3		42504	6					1.0	14.5	0.5	0.010
13 02 78 1200			.3		42519	6					0.5	15.0	0.6	0.008
14 03 78 1145			.3		42534	6					0.0	14.0	0.6	0.028
17 04 78 1120			.3		42548	6	32.	4.	36.	4. L	2.5	14.0	1.0	0.014
15 05 78 1135			.3		42567	6	420.	16.	44.	4. L	10.5	14.0	1.5	0.043
12 06 78 1130			.3		42586	6	160.	28.	12.	4. L	18.0	9.0		0.018
17 07 78 1245			.3		42605	6					20.0	9.0	0.6	0.016
14 08 78 1245			.3		42624	6	10.	4. L	4.	4. L	23.0	8.5	0.7	0.015
11 09 78 1305			.3		42643	6	200.	56.	4. L	4. L	20.0	9.0	0.7	0.020
17 10 78 1136			.3		42662	6	230.	4.	4. L	4. L	6.0	10.5	0.4	0.009
13 11 78 1135			.3		42681	6	84.	16.	4. L	4. L	3.0	12.0	0.8	0.005
MAXIMUM							420.	56.	44.	4.	23.0	15.0	1.5	0.043
AVG OR GEOM MN (*)							97.*	11.* D	9.* D	4.* D	9.5	11.8	0.7	0.017
MINIMUM							10.	4.	4.	4.	0.0	8.5	0.4	0.005
NO OF SAMPLES							7	7	7	7	11	11	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1200			.3		0.003	0.015	0.390	0.005	1.120	1.140	0.375	1.515	366.0	5.5
13 02 78 1200			.3		0.008	0.055	0.330	0.011	1.190	1.256	0.275	1.531	368.0	3.0
14 03 78 1145			.3		0.007	0.125	0.490	0.009	1.270	1.404	0.365	1.769	354.0	26.0
17 04 78 1120			.3		0.009	0.020	0.415	0.006	0.78	0.806	0.395	1.201	218.0	4.0
15 05 78 1135			.3		0.007	0.025	0.755	0.008	0.290	0.323	0.730	1.053	294.0	22.0
12 06 78 1130			.3		0.001	0.015	0.460	0.009	0.47	0.494	0.445	0.939	372.	11.5
17 07 78 1245			.3		0.006	0.025	0.435	0.004	0.170	0.199	0.410	0.609	438.0	14.0
14 08 78 1245			.3		0.004	0.020	0.425	0.005	0.170	0.195	0.405	0.600	400.0	10.0
11 09 78 1305			.3		0.004	0.015	0.400	0.005	0.280	0.300	0.385	0.685	370.0	29.0
17 10 78 1136			.3		0.001	0.005	0.480	0.003	0.29	0.298	0.475	0.773	390.	1.
13 11 78 1135			.3		0.005	0.015	0.470	0.003	0.570	0.588	0.455	1.043	380.0	3.5
MAXIMUM					0.009	0.125	0.755	0.011	1.270	1.404	0.730	1.769	438.0	29.0
AVG OR GEOM MN (*)					0.005	0.030	0.459	0.006	0.600	0.637	0.429	1.065	359.1	11.8
MINIMUM					0.001	0.005	0.330	0.003	0.170	0.195	0.275	0.600	218.0	1.
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1200			.3		361		575	1.30	7.5
13 02 78 1200			.3		365		610	1.30	7.0
14 03 78 1145			.3		328		600	15.00	9.0
17 04 78 1120			.3			251	386	3.90	5.5
15 05 78 1135			.3		272		422	8.50	7.0
12 06 78 1130			.3		361		555	2.7	8.5
17 07 78 1245			.3		424		610	6.40	10.5
14 08 78 1245			.3		390		575	5.50	9.0
11 09 78 1305			.3		341		605	14.00	9.5
17 10 78 1136			.3		389		545	1.5	8.0
13 11 78 1135			.3		376		583	2.20	9.0
MAXIMUM					424	251	610	15.00	10.5
AVG OR GEOM MN (*)					361	251	551	5.66	8.2
MINIMUM					272	251	386	1.30	5.5
NO OF SAMPLES					10	1	11	11	11

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD 2.5 MILES EAST OF CARGILL
STATION TYPE: RIVER

STATION ID: 08-0123-038-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 38 LAT: LONG: U T M: 17 0484400.0 4894500.0 4 REGION: 01 MILEAGE: 39.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 04 78 1505			.3		42552	6	140.	4. L	32.	4. L	3.0	14.0	1.0	0.030
16 05 78 0835			.3		42574	6	1500. G	600.	180.	4. L	12.0	13.0	1.3	0.128
12 06 78 1345			.3		42591	6	350.	44.	24.	4. L	19.0	11.0	0.6	0.019
18 07 78 1100			.3		42617	6	280.	12.	12.	4.	21.0	9.0	0.9	0.040
15 08 78 1030			.3		42636	6	5400.	308.	48.	12.	23.0	8.5	1.0	0.053
12 09 78 1040			.3		42655	6	6500.	680.	280.	32.	17.0	8.5	1.1	0.053
18 10 78 0945			.3		42673	6	6000.	240.	170.	12.	6.5	10.0	1.4	0.049
14 11 78 0910			.3		42692	6	2300.	250.	150.	4. L	5.0	10.5	1.5	0.018
MAXIMUM							6500.	680.	280.	32.	23.0	14.0	1.5	0.128
AVG OR GEOM MN (*)							1333.* U	106.* D	70.*	7.* D	13.3	10.6	1.1	0.049
MINIMUM							140.	4.	12.	4.	3.0	8.5	0.6	0.018
NO OF SAMPLES							8	8	8	8	8	8	8	8

(CONTD)

STATION ID: 08-0123-038-02

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD 2.5 MILES EAST OF CARGILL
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 38   LAT: LONG: U T M: 17 0484400.0 4894500.0 4   REGION: 01   MILEAGE: 39.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 04 78 1505			.3		0.009	0.025	0.390	0.006	0.740	0.771	0.365	1.136	248.0	22.0
16 05 78 0835			.3		0.004	0.035	0.770	0.009	0.320	0.364	0.735	1.099	326.0	34.0
12 06 78 1345			.3		0.003	0.025	0.395	0.013	0.63	0.668	0.370	1.038	380.	11.
18 07 78 1100			.3		0.010	0.080	0.495	0.036	0.500	0.616	0.415	1.031	524.0	16.0
15 08 78 1030			.3		0.014	0.080	0.545	0.028	0.520	0.628	0.465	1.093	512.0	10.0
12 09 78 1040			.3		0.016	0.080	0.485	0.017	0.550	0.647	0.405	1.052	460.	29.0
18 10 78 0945			.3		0.013	0.035	0.535	0.011	0.560	0.606	0.500	1.106	440.0	0.5
14 11 78 0910			.3		0.003	0.025	0.440	0.012	0.840	0.877	0.415	1.292	446.0	5.0
MAXIMUM					0.016	0.080	0.770	0.036	0.840	0.877	0.735	1.292	524.0	34.0
AVG OR GEOM MN (*)					0.009	0.048	0.507	0.017	0.583	0.647	0.459	1.106	417.0	15.9
MINIMUM					0.003	0.025	0.390	0.006	0.320	0.364	0.365	1.031	248.0	0.5
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 04 78 1505			.3		226	421	9.40	5.5
16 05 78 0835			.3		292	448	8.00	6.5
12 06 78 1345			.3		369	595	1.8	7.0
18 07 78 1100			.3		508	660	6.50	9.0
15 08 78 1030			.3		502	645	4.40	9.5
12 09 78 1040			.3		377	620	8.70	9.0
18 10 78 0945			.3		439	630	2.10	9.0
14 11 78 0910			.3		441	659	2.60	8.5
MAXIMUM					508	660	9.40	9.5
AVG OR GEOM MN (*)					394	585	5.44	8.0
MINIMUM					226	421	1.8	5.5
NO OF SAMPLES					8	8	8	8

STATION ID: 08-0123-039-02

B.O.W./ SITE: TEESWATER RIVER
SAMPLE POINT: AT COUNTY ROAD 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 39   LAT: LONG: U T M: 17 0477600.0 4905100.0 4   REGION: 01   MILEAGE: 24.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1450			.3		42509	6					1.0	14.0	0.6	0.008
14 02 78 0920			.3		42526	6	28.	4.	28.	4. L	0.0	14.0	0.6	0.020
15 03 78 0935			.3		42541	6	1700.	76.	4000.	4. L	0.0	14.0	1.0	0.057
18 04 78 1000			.3		42558	6	160.	4. L	148.	4. L	2.0	14.5	1.1	0.019
16 05 78 0935			.3		42577	6	96.	8.	4.	4. L	12.5	12.5	1.3	0.022
12 06 78 1540			.3		42594	6	630.	84.	24.	4. L	20.0	11.5	1.0	0.023
17 07 78 1445			.3		42609	6					22.0	9.0	0.9	0.026
14 08 78 1440			.3		42628	6	2100.	12.	4. L	4. L	25.0	9.0	0.8	0.025
11 09 78 1445			.3		42647	6	900.	24.	20.	4. L	19.0	9.0	0.6	0.015
17 10 78 1445			.3		42666	6	14000E+1	4.	8.	4. L	7.0	10.5	0.6	0.009
13 11 78 1450			.3		42685	6	60.	4. L	8.	4. L	3.0	11.5	1.1	0.009
MAXIMUM							14000E+1	84.	4000.	4.	25.0	14.5	1.3	0.057
AVG OR GEOM MN (*)							579.*	12.* D	27.* D	4.* D	10.1	11.8	0.9	0.021
MINIMUM							28.	4.	4.	4.	0.0	9.0	0.6	0.008
NO OF SAMPLES							9	9	9	9	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1450			.3		0.004	0.025	0.460	0.009	1.620	1.654	0.435	2.089	348.0	2.0
14 02 78 0920			.3		0.008	0.045	0.440	0.011	1.130	1.186	0.395	1.581	314.0	2.5
15 03 78 0935			.3		0.015	0.105	0.580	0.013	1.580	1.698	0.475	2.173	284.0	5.0
18 04 78 1000			.3		0.005	0.010	0.495	0.007	1.020	1.037	0.485	1.522	218.0	2.5
16 05 78 0935			.3		0.002	0.025	0.715	0.009	0.540	0.574	0.690	1.264	206.0	7.0
12 06 78 1540			.3		0.002	0.045	0.670	0.012	0.69	0.747	0.625	1.372	282.	7.
17 07 78 1445			.3		0.005	0.020	0.560	0.005	0.250	0.275	0.540	0.815	306.0	7.0
14 08 78 1440			.3		0.004	0.020	0.490	0.006	0.240	0.266	0.470	0.736	316.0	3.0
11 09 78 1445			.3		0.004	0.005	0.345	0.005	0.240	0.250	0.340	0.590	284.0	2.5
17 10 78 1445			.3		0.003	0.005	0.550	0.005	0.600	0.610	0.545	1.155	366.0	0.5
13 11 78 1450			.3		0.003	0.015	0.665	0.005	0.970	0.990	0.650	1.640	362.0	1.5
MAXIMUM					0.015	0.105	0.715	0.013	1.620	1.698	0.690	2.173	366.0	7.0
AVG OR GEOM MN (*)					0.005	0.029	0.543	0.008	0.807	0.844	0.514	1.358	298.7	3.7
MINIMUM					0.002	0.005	0.345	0.005	0.240	0.250	0.340	0.590	206.0	0.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
17 01 78 1450			.3		346	530	1.30	13.0	22.0	3.05	8.0	257	7.87	0.100
14 02 78 0920			.3		312	555	1.80	12.5	25.0	2.95	8.0	244	7.93	0.130
15 03 78 0935			.3		279	550	5.30	16.5	27.0	2.80	6.0	243	8.06	0.250
18 04 78 1000			.3		216	407	5.30	9.0	16.0	0.75	0.0	184	8.37	0.300
16 05 78 0935			.3		199	483	3.10	11.5	20.0	1.55	5.5	231	8.08	0.300
12 06 78 1540			.3		275	484	2.2	14.5	29.0	1.60	0.	212	8.42	0.20
17 07 78 1445			.3		299	487	4.90	16.0	34.0	1.85	0.0	209	8.34	0.200
14 08 78 1440			.3		313	482	3.60	19.0	42.5	1.90	13.9	191	8.18	0.260
11 09 78 1445			.3		282	485	2.60	20.5	45.0	1.70	11.9	190	8.29	0.160
17 10 78 1445			.3		365	545	1.00	16.0	39.0	1.80	5.3	244	8.27	0.170
13 11 78 1450			.3		360	545	1.50	16.0	37.0	1.36	0.0	250	8.63	0.140
MAXIMUM					365	555	5.30	20.5	45.0	3.05	13.9	257	8.63	0.300
AVG OR GEOM MN (*)					295	505	2.96	15.0	30.6	1.94	5.3	223	8.22	0.201
MINIMUM					199	407	1.00	9.0	16.0	0.75	0.0	184	7.87	0.100
NO OF SAMPLES					11	11	.1	11	11	11	11	11	11	11

SAMP DTE HOJR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
17 01 78 1450			.3		296.0	75.00	22.00	20	1.40	5.60	19
14 02 78 0920			.3		294.0	75.00	24.00	20	1.40	7.40	21
15 03 78 0935			.3		284.0	70.50	23.60	20	1.50	9.40	21
18 04 78 1000			.3		215.0	56.50	18.00	30	1.40	5.00	20
16 05 78 0935			.3		256.0	67.50	21.20	50	1.50	6.30	12
12 06 78 1540			.3		251.	59.0	25.0	30	1.3	9.2	20
17 07 78 1445			.3		240.0	54.50	25.20	20	1.30	9.90	15
14 08 78 1440			.3		227.0	50.00	24.80	20	1.60	11.20	31
11 09 78 1445			.3		253.0	56.50	27.20	22	1.75	12.30	22
17 10 78 1445			.3		282.0	74.00	23.60	60	1.60	9.20	26
13 11 78 1450			.3		278.0	72.00	23.80	46	1.20	10.10	30
MAXIMUM					296.0	75.00	27.20	60	1.75	12.30	31
AVG OR GEOM MN (*)					261.5	64.59	23.49	31	1.45	8.69	22
MINIMUM					215.0	50.00	18.00	20	1.20	5.00	12
NO OF SAMPLES					11	11	11	11	11	11	11

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: ONE MILE NORTH OF BURGOYNE
STATION TYPE: RIVER

STATION ID: 08-0123-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 41 LAT: LONG:

U T M: 17 0474050.0 4922350.0 4 REGION: 01 MILEAGE: 7.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1410			.3		42507	6					1.0	14.5	0.6	0.017
14 02 78 1025			.3		42528	6	164.	28.	20.	4. L	0.0	14.0	0.4	0.016
18 04 78 1100			.3		42561	6					3.5	14.5	1.0	0.040
16 05 78 1035			.3		42580	6	1480.	124.	12.	4.	12.5	13.5	1.3	0.034
12 06 78 1500			.3		42597	6	90.	20.	8.	4. L	19.0	12.5	0.6	0.027
17 07 78 1535			.3		42612	6					22.0	9.0	0.6	0.024
14 08 78 1525			.3		42631	6	410.	4.	4. L	4. L	25.0	10.5	0.6	0.121
11 09 78 1535			.3		42650	6	40.	4. L	8.	4. L	19.0	12.0	0.5	0.026
13 11 78 1550			.3		42688	6	1100.	172.	8.	4. L	4.0	12.0	1.0	0.012
MAXIMUM							1480.	172.	20.	4.	25.0	14.5	1.3	0.121
AVG OR GEOM MN (*)							271.*	24.* D	9.* D	4.* D	11.8	12.5	0.7	0.035
MINIMUM							40.	4.	4.	4.	0.0	9.0	0.4	0.012
NO OF SAMPLES							6	6	6	6	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1410			.3		0.007	0.035	0.335	0.007	1.260	1.302	0.300	1.602	370.0	3.5
14 02 78 1025			.3		0.009	0.055	0.335	0.013	1.100	1.168	0.280	1.448	348.0	6.5
18 04 78 1100			.3		0.009	0.025	0.360	0.007	0.760	0.792	0.335	1.127	284.0	31.5
16 05 78 1035			.3		0.003	0.035	0.645	0.009	0.350	0.394	0.610	1.004	316.0	18.0
12 06 78 1500			.3		0.004	0.025	0.425	0.008	0.50	0.533	0.400	0.933	330.	10.5
17 07 78 1535			.3		0.011	0.015	0.445	0.008	0.280	0.303	0.430	0.733	394.0	12.0
14 08 78 1525			.3		0.005	0.020	0.320	0.006	0.270	0.296	0.300	0.596	386.0	3.0
11 09 78 1535			.3		0.010	0.010	0.345	0.007	0.360	0.377	0.335	0.712	382.0	8.0
13 11 78 1550			.3		0.004	0.005	0.440	0.007	0.730	0.742	0.435	1.177	402.0	2.5
MAXIMUM					0.011	0.055	0.645	0.013	1.260	1.302	0.610	1.602	402.0	31.5
AVG OR GEOM MN (*)					0.007	0.025	0.406	0.008	0.623	0.656	0.381	1.037	356.9	10.6
MINIMUM					0.003	0.005	0.320	0.006	0.270	0.296	0.280	0.596	284.0	2.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

STATION ID: 08-0123-041-02

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: ONE MILE NORTH OF BURGOYNE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 41 LAT: LONG: U T M: 17 0474050.0 4922350.0 4 REGION: 01 MILEAGE: 7.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	1410			.3		367	580	1.90	8.5
14 02 78	1025			.3		342	610	2.40	8.0
18 04 78	1100			.3		253	423	17.00	6.5
16 05 78	1035			.3		298	465	5.50	7.5
12 06 78	1500			.3		320	545	3.6	8.0
17 07 78	1535			.3		382	580	6.80	9.5
14 08 78	1525			.3		383	565	3.00	9.5
11 09 78	1535			.3		374	582	6.80	10.0
13 11 78	1550			.3		399	602	1.70	9.5
MAXIMUM						399	610	17.00	10.0
AVG OR GEOM MN (*)						346	550	5.41	8.6
MINIMUM						253	423	1.70	6.5
NO OF SAMPLES						9	9	9	9

STATION ID: 08-0123-042-02

B.O.W./ SITE: PEARL CREEK
SAMPLE POINT: AT CONCESSION ROAD 12 AND 13 BRANT TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 42 LAT: LONG: U T M: 17 0486350.0 4898900.0 4 REGION: 01 MILEAGE: 34.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78	1515			.3		42510	6					1.0	14.0	0.8	0.028
13 02 78	1415			.3		42523	4					0.0	13.0	1.4	0.036
15 03 78	0910			.3		42540	4					0.0	12.5	4.0	0.130
18 04 78	0930			.3		42557	6	200.	4. L	216.	4. L	2.5	14.0	0.8	0.050
16 05 78	0910			.3		42576	6	880.	72.	40.	4. L	11.0	12.5	1.4	0.054
12 06 78	1415			.3		42593	6	450.	84.	136.		20.0	11.5	0.6	0.039
18 07 78	1145			.3		42619	6	270.	12.	44.	4. L	22.0	9.0	0.7	0.037
15 08 78	1055			.3		42638	6	1500.	40.	32.	4. L	24.0	8.5	1.0	0.045
12 09 78	1115			.3		42657	6	7500.	350.	300.	8.	16.0	8.5	1.2	0.075
18 10 78	1030			.3		42675	6	330.	10. L	20.	4. L	6.0	10.0	0.6	0.018
14 11 78	0945			.3		42694	6	1500. G	148.	680.	4. L	5.0	10.5	2.0	0.045
MAXIMUM								7500.	350.	680.	8.	24.0	14.0	4.0	0.130
AVG OR GEOM MN (*)								766.* U	40.* D	95.*	4.* D	9.8	11.3	1.3	0.051
MINIMUM								200.	4.	20.	4.	0.0	8.5	0.6	0.018
NO OF SAMPLES								8	8	8	7	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	1515			.3		0.017	0.065	0.365	0.011	1.420	1.496	0.300	1.796	364.0	5.0
13 02 78	1415			.3		0.006	0.070	0.620	0.010	1.300	1.380	0.550	1.930	352.0	7.5
15 03 78	0910			.3		0.047	0.585	1.590	0.019	1.670	2.274	1.005	3.279	298.0	14.0
18 04 78	0930			.3		0.010	0.012	0.620	0.007	1.000	1.019	0.608	1.627	302.0	26.0
16 05 78	0910			.3		0.009	0.020	0.695	0.011	0.520	0.551	0.675	1.226	358.0	21.0
12 06 78	1415			.3		0.007	0.050	0.455	0.019	0.63	0.699	0.405	1.104	314.	16.
18 07 78	1145			.3		0.010	0.025	0.430	0.016	0.260	0.301	0.405	0.706	334.0	11.0
15 08 78	1055			.3		0.008	0.020	0.465	0.012	0.270	0.302	0.445	0.747	356.0	14.0
12 09 78	1115			.3		0.026	0.015	0.540	0.029	0.860	0.904	0.525	1.429	340.0	26.0
18 10 78	1030			.3		0.006	0.005	0.400	0.005	0.550	0.560	0.395	0.955	386.0	2.0
14 11 78	0945			.3		0.007	0.015	0.550	0.010	1.040	1.065	0.535	1.600	392.0	18.0
MAXIMUM						0.047	0.585	1.590	0.029	1.670	2.274	1.005	3.279	392.0	26.0
AVG OR GEOM MN (*)						0.014	0.080	0.612	0.014	0.865	0.959	0.532	1.491	345.1	14.6
MINIMUM						0.006	0.005	0.365	0.005	0.260	0.301	0.300	0.706	298.0	2.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	1515			.3		359	590	7.70	6.5
13 02 78	1415			.3		345	600	7.80	6.0
15 03 78	0910			.3		284	525	23.00	10.5
18 04 78	0930			.3		276	435	20.00	5.4
16 05 78	0910			.3		337	555	15.00	8.5
12 06 78	1415			.3		298	520	12.	5.0
18 07 78	1145			.3		323	525	10.00	5.0
15 08 78	1055			.3		342	535	11.00	5.5
12 09 78	1115			.3		314	515	27.00	7.0
18 10 78	1030			.3		384	590	9.20	7.5
14 11 78	0945			.3		374	582	14.00	8.5
MAXIMUM						384	600	27.00	10.5
AVG OR GEOM MN (*)						331	543	14.25	6.9
MINIMUM						276	435	7.70	5.0
NO OF SAMPLES						11	11	11	11

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD 4 AND 5 SAUGEEN TOWNSHIP
STATION TYPE: RIVER
STATION ID: 08-0123-043-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER
STORET CODE: 02
002
1260

STN NO: 43 LAT: LONG: U T M: 17 0474950.0 4912400.0 4 REGION: 01 MILEAGE: 17.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 04 78 1030			.3		42560	6					3.0	15.0	1.0	0.034
16 05 78 1010			.3		42579	6	1500. G	128.	16.	4.	12.0	13.5	1.4	0.055
12 06 78 1435			.3		42596	6	390.	16.	24.	4. L	19.0	10.5	0.6	0.022
17 07 78 1520			.3		42611	6					22.0	9.5	0.8	0.018
14 08 78 1505			.3		42630	6	2600.	8.	4. L	4. L	25.0	11.5	0.8	0.015
11 09 78 1515			.3		42649	6	110.	16.	4.	4. L	20.0	12.0	0.6	0.021
17 10 78 1530			.3		42668	6	90.	12.	4.	4. L	7.0	11.5	0.5	0.011
13 11 78 1530			.3		42687	6	1500.	252.	4.	4. L	4.0	12.0	1.2	0.008
MAXIMUM							2600.	252.	24.	4.	25.0	15.0	1.4	0.055
AVG OR GEOM MN (*)							532.* U	30.*	7.* D	4.* D	14.0	11.9	0.9	0.023
MINIMUM							90.	8.	4.	4.	3.0	9.5	0.5	0.008
NO OF SAMPLES							6	6	6	6	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 04 78 1030			.3		0.008	0.025	0 420	0.007	0.760	0.792	0.395	1.187	292.0	28.0
16 05 78 1010			.3		0.004	0.035	0.665	0.009	0.340	0.384	0.630	1.014	326.0	25.5
12 06 78 1435			.3		0.002	0.030	0.430	0.009	0.51	0.549	0.400	0.949	346.	9.
17 07 78 1520			.3		0.007	0.020	0.380	0.006	0.250	0.276	0.360	0.636	422.0	12.0
14 08 78 1505			.3		0.005	0.010	0.390	0.006	0.230	0.246	0.380	0.626	368.0	5.0
11 09 78 1515			.3		0.005	0.005	0.315	0.007	0.340	0.352	0.310	0.662	348.0	9.5
17 10 78 1530			.3		0.003	0.005	0.445	0.005	0.360	0.370	0.440	0.810	406.0	1.0
13 11 78 1530			.3		0.003	0.005	0.440	0.009	0.620	0.634	0.435	1.069	410.0	2.0
MAXIMUM					0.008	0.035	0.665	0.009	0.760	0.792	0.630	1.187	422.0	28.0
AVG OR GEOM MN (*)					0.005	0.017	0.436	0.007	0.426	0.450	0.419	0.869	364.8	11.5
MINIMUM					0.002	0.005	0.315	0.005	0.230	0.246	0.310	0.626	292.0	1.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 04 78 1030			.3		264	426	15.00	6.5
16 05 78 1010			.3		301	462	7.50	7 0
12 06 78 1435			.3		337	555	3.1	8.0
17 07 78 1520			.3		410	570	11.00	9.0
14 08 78 1505			.3		363	540	5.50	9.5
11 09 78 1515			.3		338	575	6.50	9.5
17 10 78 1530			.3		405	580	2.10	9.5
13 11 78 1530			.3		408	610	1.60	9.0
MAXIMUM					410	610	15.00	9.5
AVG OR GEOM MN (*)					353	540	6.54	8.5
MINIMUM					264	426	1.60	6.5
NO OF SAMPLES					8	8	8	8

B.O.W./ SITE TEESWATER RIVER
SAMPLE POINT AT CHEPSTOW
STATION TYPE RIVER
STATION ID: 08-0123-044-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER
STORET CODE: 02
002
1260

STN NO: 44 LAT: LONG: U T M: 17 0477100.0 4888600.0 4 REGION: 01 MILEAGE: 42.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1555			.3		42511	6					0.0	13.5	0.4	0.018
13 02 78 1350			.3		42522	6					0.0	12.0	0.8	0.034
14 03 78 1345			.3		42537	6					0.5	12.0	0.8	0.029
17 04 78 1440			.3		42551	6	10.	4. L	4.	4. L	2.5	13.0	0.8	0.009
15 05 78 1325			.3		42570	6	270.	8.	20.	4. L	12.0	11.5	1.1	0.022
12 06 78 1330			.3		42590	6	230.	92.	28.	4. L	19.0	12.0	1.0	0.038
17 07 78 1415			.3		42608	6					21.0	9.0	0.5	0.050
14 08 78 1410			.3		42627	6	20.	4. L	4. L	4. L	23.0	10.0	0.7	0.050
11 09 78 1420			.3		42646	6	140.	20.	4. L	4. L	19.0	11.0	0.5	0.041
17 10 78 1410			.3		42665	6	440.	12.	16.	4. L	7.0	10.5	1.0	0.019
13 11 78 1415			.3		42684	6	490.	32.	56.	4. L	4.0	11.0	1.4	0.030
MAXIMUM							490.	92.	56.	4.	23.0	13.5	1.4	0.050
AVG OR GEOM MN (*)							121.*	14.* D	12.* D	4.* D	9.8	11.4	0.8	0.031
MINIMUM							10.	4.	4.	4.	0.0	9.0	0.4	0.009
NO OF SAMPLES							7	7	7	7	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1555			.3		0.011	0.035	0.445	0.013	1.860	1.908	0.410	2.318	350.0	2.5
13 02 78 1350			.3		0.015	0.045	0.480	0.011	1.510	1.566	0.435	2.001	298.0	2.5
14 03 78 1345			.3		0.016	0.085	0.535	0.012	1.680	1.777	0.450	2.227	294.0	7.0
17 04 78 1440			.3		0.005	0.005	0.450	0.007	1.120	1.132	0.445	1.577	220.0	1.0
15 05 78 1325			.3		0.005	0.010	0.715	0.011	0.650	0.671	0.705	1.376	320.0	4.0
12 06 78 1330			.3		0.013	0.045	0.635	0.021	1.25	1.316	0.590	1.906	318.	9.
17 07 78 1415			.3		0.018	0.035	0.560	0.018	1.070	1.123	0.525	1.648	332.0	5.0
14 08 78 1410			.3		0.027	0.035	0.550	0.018	1.180	1.233	0.515	1.748	364.0	4.0
11 09 78 1420			.3		0.021	0.015	0.365	0.011	1.060	1.086	0.350	1.436	284.0	4.0
17 10 78 1410			.3		0.007	0.005	0.820	0.007	0.750	0.762	0.815	1.577	370.0	2.5
13 11 78 1415			.3		0.017	0.015	0.585	0.009	1.130	1.154	0.570	1.724	362.0	4.0
MAXIMUM					0.027	0.085	0.820	0.021	1.860	1.908	0.815	2.318	370.0	9.
AVG OR GEOM MN (*)					0.014	0.030	0.558	0.013	1.205	1.248	0.528	1.776	319.3	4.1
MINIMUM					0.005	0.005	0.365	0.007	0.650	0.671	0.350	1.376	220.0	1.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

STATION ID: 08-0123-044-02

B.O.W./ SITE: TEESWATER RIVER
SAMPLE POINT: AT CHEPSTOW
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 44 LAT: LONG: U T M: 17 0477100.0 4888600.0 4 REGION: 01 MILEAGE: 42.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1555			.3		348	555	2.80	13.0
13 02 78 1350			.3		296	555	1.90	13.0
14 03 78 1345			.3		287	558	2.70	17.5
17 04 78 1440			.3		219	405	1.80	9.5
15 05 78 1325			.3		316	487	1.50	12.5
12 06 78 1330			.3		309	555	1.9	15.5
17 07 78 1415			.3		327	565	4.00	18.0
14 08 78 1410			.3		360	555	2.50	18.0
11 09 78 1420			.3		280	579	2.10	23.5
17 10 78 1410			.3		367	550	1.90	16.5
13 11 78 1415			.3		358	570	2.00	18.0
MAXIMUM					367	579	4.00	23.5
AVG OR GEOM MN (*)					315	539	2.28	15.9
MINIMUM					219	405	1.50	9.5
NO OF SAMPLES					11	11	11	11

STATION ID: 08-0123-045-02

B.O.W./ SITE: PEARL CREEK
SAMPLE POINT: AT 10TH CONC BRANT TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO: 45 LAT: LONG: U T M: 17 0488200.0 4897300.0 4 REGION: 01 MILEAGE: 37.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 04 78 0910			.3		42556	6	260.	12.	600. G	4. L	2.5	14.0	0.8	0.029
16 05 78 0855			.3		42575	6	480.	80.	72.	4. L	10.5	12.5	1.2	0.033
12 06 78 1400			.3		42592	6	23000. G	600. G	600. G	4. L	18.0	11.5	2.6	0.116
18 07 78 1125			.3		42618	6	2500.	870.	580.	4. L	17.0	9.0	0.5	0.031
15 08 78 1110			.3		42637	6	3300.	500.	544.	192.	24.0	8.5	0.8	0.041
12 09 78 1055			.3		42656	6	11900.	1500. G	1500. G	300.	15.0	8.5	1.4	0.064
18 10 78 1010			.3		42674	6	660.	30.	10. L	4. L	6.0	10.0	0.5	0.011
14 11 78 0925			.3		42693	6	10400.	600. G	600. G	4. L	5.0	10.0	1.6	0.061
MAXIMUM							23000.	1500.	1500.	300.	24.0	14.0	2.6	0.116
AVG OR GEOM MN (*)							2575.* U	226.* U	304.* E	11.* D	12.3	10.5	1.2	0.048
MINIMUM							260.	12.	10.	4.	2.5	8.5	0.5	0.011
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 04 78 0910			.3		0.011	0.022	0.360	0.008	1.590	1.620	0.338	1.958	326.0	5.8
16 05 78 0855			.3		0.008	0.020	0.510	0.011	0.800	0.831	0.490	1.321	354.0	11.0
12 06 78 1400			.3		0.007	0.085	0.850	0.034	1.21	1.329	0.765	2.094	390.	68.5
18 07 78 1125			.3		0.007	0.020	0.350	0.008	1.070	1.098	0.330	1.428	388.0	25.0
15 08 78 1110			.3		0.007	0.040	0.415	0.014	1.190	1.244	0.375	1.619	414.0	19.0
12 09 78 1055			.3		0.023	0.015	0.655	0.009	0.380	0.404	0.640	1.044	386.0	28.0
18 10 78 1010			.3		0.004	0.005	0.310	0.004	1.160	1.169	0.305	1.474	422.0	1.5
14 11 78 0925			.3		0.010	0.045	0.740	0.015	0.840	0.900	0.695	1.595	416.0	13.5
MAXIMUM					0.023	0.085	0.850	0.034	1.590	1.620	0.765	2.094	422.0	68.5
AVG OR GEOM MN (*)					0.010	0.032	0.524	0.013	1.030	1.074	0.492	1.567	387.0	21.5
MINIMUM					0.004	0.005	0.310	0.004	0.380	0.404	0.305	1.044	326.0	1.5
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 04 78 0910			.3		320	520	3.60	7.0
16 05 78 0855			.3		343	580	2.90	8.0
12 06 78 1400			.3		322	550	34.	5.5
18 07 78 1125			.3		363	598	10.00	5.0
15 08 78 1110			.3		395	605	13.00	5.0
12 09 78 1055			.3		358	555	14.00	11.0
18 10 78 1010			.3		420	640	4.00	7.5
14 11 78 0925			.3		402	622	8.30	11.5
MAXIMUM					420	640	34.	11.5
AVG OR GEOM MN (*)					365	584	11.23	7.6
MINIMUM					320	520	2.90	5.0
NO OF SAMPLES					8	8	8	8

```
 B.O.W./ SITE: SAUBLE RIVER                                                                    STATION ID:  08-0135-002-02
 SAMPLE POINT: AT BRIDGE FIRST CONCESSION NORTH OF TARA
 STATION TYPE: RIVER    FLOW GAUGE MOE 02FA101               MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                             MINOR BASIN: LAKE HURON                                          002
                                                             TERM STREAM: SAUBLE RIVER                                        1410

STN NO:      2     LAT:               LONG:                 U T M: 17 0486795.0 4924925.0 4     REGION: 01               MILEAGE:    27.90

                                         934        901       80        81        84        88        805         3         1         33
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO           COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
               FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

18 01 78 0950              .3           40412     4       248.       36.       52.      4.  L      0.0        9.1       1.4     0.023
13 02 78 1600              .3           40425     4      1100.       28.       24.      4.  L      1.0       11.2       0.5     0.026
04 04 78 1630              .3           40451     6 3    1400.       16.      176.      4.  L      1.8       13.5                 0.053
10 05 78 0730              .3           40483     3       950.       68.       48.      4.  L     10.3        7.6       1.1     0.029
20 06 78 0940              .3           40506     5 9    1000.      128.      124.      4.  L     18.9        5.8       1.4     0.070
25 07 78 0954              .3           40529     5 7 9   280.       20.     1500.  G   4.  L     21.2       10.1       0.9     0.071
22 08 78 1005              .3           40552     5 7 9  2900.       20.       70.      4.  L     19.8        8.4       0.6     0.065
12 09 78 1230              .3           40575     7      3700.       48.      128.      4.  L     18.0       12.6       0.7     0.480
11 10 78 1115              .3           40595     7                                               11.5        9.6       1.0     0.019
31 10 78 1100              .3           40614     7       240.        4.        4.  L   4.  L      8.5       10.0       1.0     0.023
05 12 78 1100              .3           40634     6 8    3000.      260.      600.  G   4.  L      0.2       12.8       1.1     0.059

                      MAXIMUM                            3700.      260.     1500.      4.        21.2       13.5       1.4     0.480
            AVG OR GEOM MN (*)                            976.*      35.*      92.* E   4.* D     10.1       10.1       1.0     0.083
                      MINIMUM                             240.        4.        4.      4.         0.0        5.8       0.5     0.019

                 NO OF SAMPLES                              10        10        10        10        11         11        10        11

                                       34        19         20        21        22         17        18         23         5          6
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED  FILTERED     TOTAL  FILTERED  FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH      REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N             N   ORGNC  N               SOLIDS     SOLIDS
               FEET      MTRS        P MG/L      MG/L      MG/L  MG/L      MG/L           MG/L       MG/L       MG/L      MG/L       MG/L

18 01 78 0950              .3         0.011     0.030     0.420    0.009     1.290     1.329      0.390     1.719      330.0        2.5
13 02 78 1600              .3         0.015     0.045     0.405    0.010     1.420     1.475      0.360     1.835      344.0        2.5
04 04 78 1630              .3         0.017     0.035     0.530    0.015     1.150     1.200      0.495     1.695      182.0        7.0
10 05 78 0730              .3         0.011     0.025     0.410    0.013     1.190     1.228      0.385     1.613      312.0        5.0
20 06 78 0940              .3         0.037     0.060     0.740    0.081     2.760     2.901      0.680     3.581      372.0        9.0
25 07 78 0954              .3         0.049     0.020     0.480    0.011     0.050     0.081      0.460     0.541      274.0        3.0
22 08 78 1005              .3         0.037     0.005L    0.380    0.001     0.010L    0.016      0.375     0.391      248.0        1.0
12 09 78 1230              .3         0.410     0.005L    0.385    0.002     0.010L    0.017      0.380     0.397      266.0        1.5
11 10 78 1115              .3         0.011     0.015     0.550    0.007     0.360     0.382      0.535     0.917      412.0       12.0
31 10 78 1100              .3         0.009     0.010     0.535    0.006     0.340     0.356      0.525     0.881      388.0        0.5
05 12 78 1100              .3         0.026     0.045     0.640    0.013     1.860     1.918      0.595     2.513      292.0        2.0

                      MAXIMUM         0.410     0.060     0.740    0.081     2.760     2.901      0.680     3.581      412.0       12.0
            AVG OR GEOM MN (*)        0.058     0.027D    0.498    0.015     0.949D    0.991      0.471     1.462      310.9        4.2
                      MINIMUM         0.009     0.005     0.380    0.001     0.010     0.016      0.360     0.391      182.0        0.5

                 NO OF SAMPLES           11        11        11       11        11        11         11        11         11         11

                                         7        14        16        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       DISS.     COND.     TURB.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH         SOLIDS      25C  FORMAZIN      MG/L    AT LAB
               FEET      MTRS          MG/L     UMHOS     UNITS

18 01 78 0950              .3           328       595      2.80       6.5
13 02 78 1600              .3           342       620      1.20       6.5      7.77




04 04 78 1630              .3           175       417      7.50       4.5      7.82
10 05 78 0730              .3           307       522      2.40       6.5      8.13
20 06 78 0940              .3           363       520      1.60       8.0      7.96
25 07 78 0954              .3           271       468      1.00       8.0      8.31
22 08 78 1005              .3           247       480      0.90       9.0      8.03
12 09 78 1230              .3           264       479      0.90      10.0      8.47
11 10 78 1115              .3           400       535      5.40       9.0      8.44
31 10 78 1100              .3           387       577      1.00       9.5      8.07
05 12 78 1100              .3           290       485      4.90       9.0      7.91

                      MAXIMUM           400       620      7.50      10.0      8.47
            AVG OR GEOM MN (*)          307       518      2.69       7.9      8.09
                      MINIMUM           175       417      0.90       4.5      7.77

                 NO OF SAMPLES           11        11        11        11        10


 B.O.W./ SITE: SAUBLE RIVER                                                                    STATION ID:  08-0135-003-02
 SAMPLE POINT: AT SAUBLE FALLS
 STATION TYPE: RIVER    FLOW GAUGE FED 02FA001               MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                             MINOR BASIN: LAKE HURON                                          002
                                                             TERM STREAM: SAUBLE RIVER                                        1410

STN NO:      3     LAT:               LONG:                 U T M: 17 0479745.0 4946850.0 4     REGION: 01               MILEAGE:     2.00

                                         934        901      444        80        81        84        88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

13 02 78 1515              .3           40424     6      344.00       4.        4.  L     4.  L     4.  L     1.0      11.5         0.6
08 03 78 1545              .3           40439     6      268.00      36.        4.  L    60.        4.  L     1.0      12.0         1.7
04 04 78 1800              .3           40453     6     1580.00      56.        4.       16.        4.  L     1.0      13.7         0.6
13 04 78 0930              .3           40463     6     2530.00     220.        4.      180.        4.  L     4.0      13.6         1.1
26 04 78 0915              .3           40465     6      924.00      80.        4.  L    50.        4.  L    10.0      11.5         0.8
09 05 78 1800              .3           40475     3      484.00     210.        4.        4.        4.  L    11.9       9.5         1.0
19 06 78 2015              .3           40500     6      180.00     150.       12.        4.  L     4.  L    16.4       7.2         0.9
24 07 78 1902              .3           40523     6       54.00      40.       10.       10.        4.  L    20.6       8.0         0.9
21 08 78 1610              .3           40546     5       33.30    3000.        8.      156.        4.  L    20.8       7.6         0.8
12 09 78 0830              .3           40569     5 8     25.80    7300.       16.        4.        4.  L    16.0       7.8         0.7
10 10 78 1915              .3           40589     6      118.00                                             11.5       8.8         0.9
31 10 78 1145              .3           40615     6      118.00      50.        4.  L     4.  L     4.  L     9.0       9.8         1.4
05 12 76 1145              .3           40635     6      587.00    1000.       88.      480.        4.  L     1.2      13.2         0.8

                      MAXIMUM                           2530.00    7300.       88.      480.        4.       20.8      13.7         1.7
            AVG OR GEOM MN (*)                           557.39     155.*       7.* D    21.* D     4.* D     9.6      10.3         0.9
                      MINIMUM                             25.80       4.        4.        4.        4.        1.0       7.2         0.6

                 NO OF SAMPLES                              13        12        12        12        12        13        13          13
```

(C O N T D)

STATION ID: 08-0135-003-02

B.O.W./ SITE: SAUBLE RIVER
SAMPLE POINT: AT SAUBLE FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02FA001

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUBLE RIVER

STORET CODE: 02
002
1410

STN NO: 3 LAT: LONG: U T M: 17 0479745.0 4946850.0 4 REGION: 01 MILEAGE: 2.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
13 02 78 1515			.3		0.014	0.003	0.065	0.430	0.009	0.36	0.434	0.365	0.799	282.0
08 03 78 1545			.3		0.017	0.011	0.135	0.500	0.007	0.330	0.472	0.365	0.837	278.0
04 04 78 1800			.3		0.040	0.017	0.075	0.520	0.015	0.840	0.930	0.445	1.375	224.0
13 04 78 0930			.3		0.027	0.011	0.025	0.475	0.009	0.500	0.534	0.450	0.984	196.0
26 04 78 0915			.3		0.006	0.003	0.025	0.275	0.005	0.220	0.250	0.250	0.500	214.0
09 05 78 1800			.3		0.012	0.001	0.020	0.320	0.003	0.190	0.213	0.300	0.513	200.0
19 06 78 2015			.3		0.024	0.008	0.045	0.480	0.006	0.110	0.161	0.435	0.596	288.0
24 07 78 1902			.3		0.022	0.003	0.025	0.540	0.004	0.050	0.079	0.515	0.594	236.0
21 08 78 1610			.3		0.016	0.003	0.025	0.495	0.004	0.050	0.079	0.470	0.549	212.0
12 09 78 0830			.3		0.021	0.003	0.035	0.425	0.003	0.030	0.068	0.390	0.458	246.0
10 10 78 1915			.3		0.013	0.005	0.015	0.465	0.004	0.100	0.119	0.450	0.569	324.0
31 10 78 1145			.3		0.013	0.005	0.015	0.445	0.003	0.070	0.088	0.430	0.518	310.0
05 12 78 1145			.3		0.017	0.004	0.020	0.510	0.005	0.600	0.625	0.490	1.115	266.0
MAXIMUM					0.040	0.017	0.135	0.540	0.015	0.840	0.930	0.515	1.375	324.0
AVG OR GEOM MN (*)					0.019	0.006	0.040	0.452	0.006	0.265	0.312	0.412	0.724	252.0
MINIMUM					0.006	0.001	0.015	0.275	0.003	0.030	0.068	0.250	0.458	196.0
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
13 02 78 1515			.3		1.5	281		520	1.00	5.5	11.0	2.50	7.78	0.19
08 03 78 1545			.3		2.0	276		560	1.40	3.0	12.5	2.15	7.92	0.280
04 04 78 1800			.3		2.0	222		430	5.10	5.5	9.0	2.10	7.88	0.260
13 04 78 0930			.3		4.5		232	357	0.80	4.5	14.0	1.35	8.02	0.270
26 04 78 0915			.3		14.0		231	356	0.90	4.5	10.5	0.30	8.30	1.720
09 05 78 1800			.3		7.5		243	374	0.90	4.0	10.0	0.30	8.19	0.050
19 06 78 2015			.3		8.5	280		417	1.40	5.5	9.0	1.10	8.14	0.160
24 07 78 1902			.3		6.0	230		417	1.20	6.0	7.5	1.65	8.13	0.160
21 08 78 1610			.3		2.0	210		413	0.90	7.5	10.0	1.20	8.06	0.200
12 09 78 0830			.3		2.5	243		443	1.00	7.5	12.5	2.15	7.98	0.120
10 10 78 1915			.3		1.5	322		515	0.95	9.0	38.0	1.25	8.26	0.120
31 10 78 1145			.3		0.5	309		505	0.40	9.0	32.0	1.18	8.10	0.120
05 12 78 1145			.3		0.5L	265L		493	0.55	7.0	22.5	2.24	8.05	0.130
MAXIMUM					14.0	322	243	560	5.10	9.0	38.0	2.50	8.30	1.720
AVG OR GEOM MN (*)					4.1D	264D	235	446	1.27	6.0	15.3	1.50	8.06	0.291
MINIMUM					0.5	210	231	356	0.40	3.0	7.5	0.30	7.78	0.050
NO OF SAMPLES					13	10	3	13	13	13	13	13	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
13 02 78 1515			.3		1.0L		22							
08 03 78 1545			.3		1.0L	8.0	16							
04 04 78 1800			.3		1.0	4.1			0.001	0.030L	0.020L	0.010L	0.030L	0.005L
13 04 78 0930			.3		1.0	4.2	21	1	0.001L	0.030L	0.030	0.010L	0.030L	0.005L
26 04 78 0915			.3		1.0L	4.2	7	0	0.001L	0.040L	0.020L	0.010L	0.030L	0.005L
09 05 78 1800			.3		1.0L	5.2	18							
19 06 78 2015			.3		1.0	5.8								
24 07 78 1902			.3		1.0L	6.1			0.001	0.05	0.02 L	0.01 L	0.03 L	0.005L
21 08 78 1610			.3		1.0L	5.8								
12 09 78 0830			.3		1.0L	4.6	16							
10 10 78 1915			.3		1.0L	7.6	19		0.001		0.020	0.010L	0.030	0.005L
31 10 78 1145			.3		1.0L	6.8	23							
05 12 78 1145			.3		1.0L	8.0	19							
MAXIMUM					1.0	8.0	23	1	0.001	0.05	0.030	0.010	0.030	0.005
AVG OR GEOM MN (*)					1.0D	5.9	18	1	0.001D	0.038D	0.022D	0.010D	0.030D	0.005D
MINIMUM					1.0	4.1	7	0	0.001	0.030	0.020	0.010	0.030	0.005
NO OF SAMPLES					13	12	9	2	5	4	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
04 04 78 1800			.3		0.010L	0.020L
13 04 78 0930			.3		0.010	0.020L
26 04 78 0915			.3		0.010L	0.020L
24 07 78 1902			.3		0.01 L	0.02 L
10 10 78 1915			.3		0.010L	0.020L
MAXIMUM					0.010	0.020
AVG OR GEOM MN (*)					0.010D	0.020D
MINIMUM					0.010	0.020
NO OF SAMPLES					5	5

B.O.W./ SITE: ALBEMARBLE BROOK
SAMPLE POINT: AT HIGHWAY NO 6 NEAR MAR MOE SW A3
STATION TYPE: RIVER FLOW GAUGE MOE 02FA102

STATION ID: 08-0135-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUBLE RIVER

STORET CODE: 02
002
1410

STN NO: 4 LAT: LONG: U T M: 17 0482700.0 4964350.0 4 REGION: 01 MILEAGE: 15.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
13 02 78	1435			.3		40423	4	40.	4. L	4. L	4. L	1.0	13.4	0.1	0.011
08 03 78	1500			.3		40438	4	64.	4. L	4. L	4. L	0.8	14.8	0.8	0.011
04 04 78	1715			.3		40452	6 3	36.	4. L	4. L	4. L	0.0	14.7	0.2	0.013
09 05 78	1830			.3		40476	3	420.	4.	4.	4. L	13.2	8.6	0.7	0.015
19 06 78	1757			.3		40497	5	2000.	260.	600. G	4. L	21.8	8.1	1.4	0.048
24 07 78	1636			.3		40520	5	1500.	400.	1500. G	4. L	24.0	10.9	1.4	0.145
21 08 78	1640			.3		40543	5	3500.	28.	10. L	4. L	21.6	12.1	6.4	0.157
10 10 78	1700			.3		40586	6					13.5	8.6	0.6	0.009
30 10 78	1800			.3		40608	6	200.	12.	16.	4. L	8.2	10.0	0.8	0.048
04 12 78	1800			.3		40628	6	100.	4.	44.	4. L	0.5	13.4	0.4	0.100
MAXIMUM								3500.	400.	1500.	4.	24.0	14.8	6.4	0.157
AVG OR GEOM MN (*)								272.*	15.* D	23.* E	4.* D	10.5	11.5	1.3	0.056
MINIMUM								36.	4.	4.	4.	0.0	8.1	0.1	0.009
NO OF SAMPLES								9	9	9	9	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
13 02 78	1435			.3		0.006	0.050	0.260	0.006	0.310	0.366	0.210	0.576	262.0	0.5
08 03 78	1500			.3		0.009	0.045	0.270	0.006	0.740	0.791	0.225	1.016	222.0	2.0
04 04 78	1715			.3		0.007	0.020	0.305	0.010	0.780	0.810	0.285	1.095	188.0	0.5L
09 05 78	1830			.3		0.003	0.015	0.315	0.003	0.010L	0.028	0.300	0.328	212.0	4.5
19 06 78	1757			.3		0.008	0.015	0.630	0.003	0.010L	0.028	0.615	0.643	360.0	28.0
24 07 78	1636			.3		0.017	0.005	1.200	0.004	0.020	0.029	1.195	1.224	300.0	23.0
21 08 78	1640			.3		0.003	0.005L	1.750	0.002	0.010L	0.017	1.745	1.762	250.0	30.0
10 10 78	1700			.3		0.005	0.005	0.370	0.003	0.010L	0.018	0.365	0.383	314.0	1.5
30 10 78	1800			.3		0.006	0.005	0.370	0.003	0.010L	0.018	0.365	0.383	310.0	1.5
04 12 78	1800			.3		0.001	0.005	0.220	0.003	0.200	0.208	0.215	0.423	244.0	1.0
MAXIMUM						0.017	0.050	1.750	0.010	0.780	0.810	1.745	1.762	360.0	30.0
AVG OR GEOM MN (*)						0.007	0.017D	0.569	0.004	0.210D	0.231	0.552	0.783	266.2	9.3D
MINIMUM						0.001	0.005	0.220	0.002	0.010	0.017	0.210	0.328	188.0	0.5
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
13 02 78	1435			.3		262		445	0.75	2.5	8.5	1.70	4.0	223	7.98
08 03 78	1500			.3		220		481	0.80	15.5	10.0	1.10	4.0	235	7.99
04 04 78	1715			.3		188		400	1.30	3.0	9.5	1.10	3.0	175	8.08
09 05 78	1830			.3			237	364	1.00	2.0	8.0	0.35	6.0	193	8.20
19 06 78	1757			.3		332		477	8.10	0.5	5.5	2.75	8.0	269	8.26
24 07 78	1636			.3		277		419	9.80	1.5	4.0	2.10	0.0	231	8.32
21 08 78	1640			.3		220		421	8.20	3.0	4.0	0.05L	0.0	230	8.32
10 10 78	1700			.3		312		441	0.65	4.0	9.5	2.30	12.0	231	8.09
30 10 78	1800			.3		308		451	1.40	4.5	13.0	2.10	11.9	236	7.99
04 12 78	1800			.3		243		425	0.95	3.5	16.0	1.38	10.0	215	8.00
MAXIMUM						332	237	481	9.80	15.5	16.0	2.75	12.0	269	8.32
AVG OR GEOM MN (*)						262	237	432	3.30	4.0	8.8	1.49D	5.9	224	8.12
MINIMUM						188	237	364	0.65	0.5	4.0	0.05	0.0	175	7.98
NO OF SAMPLES						9	1	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	452 GROSS"A" DISS PCI/L
13 02 78	1435			.3		0.070	1.0L	248.0	56.50	23.80	10	1.00	1.30	16	3.
08 03 78	1500			.3		0.120	1.0L	250.0	58.50	24.40	10	0.90	1.20	8	1.
04 04 78	1715			.3		0.160	1.0L	187.0	44.50	18.40	10	1.20	1.50	11	1.
09 05 78	1830			.3		0.120	1.0L	199.0	48.00	19.20	20	0.70	0.90	14	1. L
19 06 78	1757			.3		0.420	1.5	275.0	67.00	26.00	40	0.20	0.60	27	1. L
24 07 78	1636			.3		1.460	1.0L	236.0	54.00	24.40	30	1.05	1.20	34	1. L
21 08 78	1640			.3		1.000	1.0L	230.0	50.00	25.60	83	2.35	1.60	19	2.
10 10 78	1700			.3		0.120	1.0L	239.0	55.00	24.60	24	1.20	1.60	21	1. L
30 10 78	1800			.3		0.180	1.0L	248.0	58.50	24.60	24	1.50	1.80	25	1. L
04 12 78	1800			.3		0.100	1.0L	231.0	54.00	23.40	21	0.95	1.20		5.
MAXIMUM						1.460	1.5	275.0	67.00	26.00	83	2.35	1.80	34	5.
AVG OR GEOM MN (*)						0.375	1.1D	234.3	54.60	23.44	27	1.11	1.29	19	1. D
MINIMUM						0.070	1.0	187.0	44.50	18.40	10	0.20	0.60	8	1.
NO OF SAMPLES						10	10	10	10	10	10	10	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	457 TRITIUM NCI/L	460 CESIUM -137 PCI/L	464 CESIUM 134 PCI/L	461 COBALT 60 PCI/1
13 02 78	1435			.3		1. L	5.	1. L	0.26 L	30. L	30. L	30. L
08 03 78	1500			.3		1. L	1.	1. L	0.26 L	30. L	30. L	30. L
04 04 78	1715			.3		1. L	3.	1. L	0.26 L	30. L	30. L	30. L
09 05 78	1830			.3		1. L	2.	1. L	0.27	30. L	30. L	30. L
19 06 78	1757			.3		1. L	2.	1. L	0.26 L	30. L	30. L	30. L
24 07 78	1636			.3		1. L	4.	1. L	0.26 L	30. L	30. L	30. L
21 08 78	1640			.3		1. L	3.	1. L	0.26 L	30. L	30. L	30. L
10 10 78	1700			.3		1. L	2.	1. L	0.12 L	30. L	30. L	30. L
30 10 78	1800			.3		1. L	3.	1. L	0.12 L	30. L	30. L	30. L
04 12 78	1800			.3		1. L	3.	1. L	0.19 L	30. L	30. L	30. L
MAXIMUM						1.	5.	1.	0.27	30.	30.	30.
AVG OR GEOM MN (*)						1. D	2.	1. D	0.23 D	30. D	30. D	30. D
MINIMUM						1.	1.	1.	0.12	30.	30.	30.
NO OF SAMPLES						10	10	10	10	10	10	10

```
                                                                                                     STATION ID:  08-0143-001-02
 B.O.W./ SITE: STOKES RIVER
 SAMPLE POINT: SECOND BRIDGE UPSTREAM FROM MOUTH STOKESBAY
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                           002
                                                          TERM STREAM: STOKES RIVER                                         1530

 STN NO:      1     LAT:               LONG:              U T M: 17 0471175.0 4983100.0 4    REGION: 01           MILEAGE:     0.70

                                            934       901        80        81        84        88       805         3         1        33
 SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
 DY MO YR LMT   DIST BRG DEPTH               NO            COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
                FEET      MTRS                            MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

 09 05 78 1940                .3          40479   3 7         630.      332.      272.     4.  L      11.5       7.3       2.3     0.070
 19 06 78 1922                .3          40499   5 9       14100.      112.      124.     4.  L      21.0      10.6       1.4     0.054
 24 07 78 1756                .3          40522   5 7         160.      10.  L    10.  L   4.  L      23.2       9.8       1.6     0.045
 21 08 78 1807                .3          40545   5 7        3100.       24.       60.     4.  L      21.8      11.3       0.9     0.056
 11 09 78 1950                .3          40568   5 7        6500.       28.       92.     4.  L      19.5      11.5       0.7     0.040
 10 10 78 1820                .3          40588   5           250.       20.       52.     4.  L      11.2       5.3       0.9     0.022
 30 10 78 1715                .3          40607   5           170.        8.       16.     4.  L       7.1       7.1       1.2     0.036
 04 12 78 1730                .3          40627   5           390.       24.      172.     4.  L       0.0       7.8       0.9     0.024

                       MAXIMUM                              14100.      332.      272.     4.         23.2      11.5       2.3     0.070
           AVG OR GEOM MN (*)                                911.*      31.* D    64.* D   4.* D      14.4       8.8       1.2     0.043
                       MINIMUM                               160.        8.       10.      4.          0.0       5.3       0.7     0.022

              NO OF SAMPLES                                     8         8         8        8          8         8         8         8

                                         34        19        20        21        22        17        18        23         5         6
 SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
 DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

 09 05 78 1940                .3      0.013     0.065     0.080     0.013     0.040     0.118     0.015     0.133     226.0      20.5
 19 06 78 1922                .3      0.013     0.025     0.985     0.007     0.010     0.042     0.960     1.002     276.0      12.0
 24 07 78 1756                .3      0.007     0.030     0.685     0.002     0.010L    0.042     0.655     0.697     186.0       9.0
 21 08 78 1807                .3      0.017     0.040     0.885     0.003     0.010L    0.053     0.845     0.898     200.0       8.0
 11 09 78 1950                .3      0.008     0.015     0.785     0.005     0.040     0.060     0.770     0.830     228.0       5.5
 10 10 78 1820                .3      0.007     0.005L    0.805     0.005     0.010L    0.020     0.800     0.820     300.0       4.0
 30 10 78 1715                .3      0.007     0.005     0.700     0.005     0.010L    0.020     0.695     0.715     278.0       0.5
 04 12 78 1730                .3      0.002     0.005L    0.450     0.004     0.100     0.109     0.445     0.554     208.0       4.0

                       MAXIMUM        0.017     0.065     0.985     0.013     0.100     0.118     0.960     1.002     300.0      20.5
           AVG OR GEOM MN (*)         0.009     0.024D    0.672     0.006     0.029D    0.058     0.648     0.706     237.8       7.9
                       MINIMUM        0.002     0.005     0.080     0.002     0.010     0.020     0.015     0.133     186.0       0.5

              NO OF SAMPLES               8         8         8         8         8         8         8         8         8         8

                                          7       107        14        16        56        59       280        95        52        55
 SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH
 DY MO YR LMT   DIST BRG DEPTH       SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB
                FEET      MTRS         MG/L  MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L

 09 05 78 1940                .3                  217       334      9.30       5.5      10.0      0.50      13.0       161      7.92
 19 06 78 1922                .3                  231       356      3.60       1.5       7.0      1.30       0.0       186      8.32
 24 07 78 1756                .3                  193       297      4.00       4.0      11.0      0.55       0.0       143      8.40
 21 08 78 1807                .3                  233       358      2.60       3.5       8.0      1.10      15.3       183      8.18
 11 09 78 1950                .3                  242       372      3.70       5.0      16.0      1.50      17.1       178      8.11
 10 10 78 1820                .3                  245       377      1.20       4.5      20.0      2.75      18.8       175      7.57
 30 10 78 1715                .3        277                 386      1.00       5.0      19.5      2.04      19.9       187      7.41
 04 12 78 1730                .3        204                 446      2.20       5.0      14.0      1.68      24.0       168      7.30



                       MAXIMUM          277       245       446      9.30       5.5      20.0      2.75      24.0       187      8.40
           AVG OR GEOM MN (*)           241       227       366      3.45       4.3      13.2      1.43      13.5       173      7.90
                       MINIMUM          204       193       297      1.00       1.5       7.0      0.50       0.0       143      7.30

              NO OF SAMPLES               2         6         8         8         8         8         8         8         8         8

                                        208        76        72        74        68        67        66        41
 SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD
 DY MO YR LMT   DIST BRG DEPTH         IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA
                FEET      MTRS         MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

 09 05 78 1940                .3      0.950     177.0     43.00     16.80        70      1.80      2.10        35
 19 06 78 1922                .3      0.740     198.0     48.50     18.60        70      0.40      1.30        46
 24 07 78 1756                .3      0.440     158.0     39.50     14.40        30      7.50      2.50        24
 21 08 78 1807                .3      0.600     198.0     48.00     19.00        67      0.60     10.00        36
 11 09 78 1950                .3      0.460     197.0     48.00     18.60        52      1.15      2.80        34
 10 10 78 1820                .3      0.400     197.0     47.00     19.20        80      1.20      2.20        45
 30 10 78 1715                .3      0.310     209.0     51.00     19.80        84      1.30      1.80        46
 04 12 78 1730                .3      0.430     185.0     44.50     17.80        51      1.15      2.30

                       MAXIMUM        0.950     209.0     51.00     19.80        84      7.50     10.00        46
           AVG OR GEOM MN (*)         0.541     189.9     46.19     18.03        63      1.89      3.13        38
                       MINIMUM        0.310     158.0     39.50     14.40        30      0.40      1.30        24

              NO OF SAMPLES               8         8         8         8         8         8         8         7


                                                                                                     STATION ID:  08-0144-001-02
 B.O.W./ SITE: SPRING CREEK
 SAMPLE POINT: NEAR MOUTH                                                                                  STORET CODE: 02
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                                          002
                                                          MINOR BASIN: LAKE HURON                                           1570
                                                          TERM STREAM: SPRING CREEK

 STN NO:      1     LAT:               LONG:              U T M: 17 0464250.0 4986050.0 4    REGION: 01           MILEAGE:     0.20

                                            934       901        80        81        84        88       805         3         1        33
 SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL
 DY MO YR LMT   DIST BRG DEPTH               NO            COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P
                FEET      MTRS                            MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

 09 05 78 1915                .3          40478   8 3         250.       20.       16.     4.  L      12.0       8.6       1.0     0.019
 19 06 78 1848                .3          40498   8           270.       16.      128.     4.  L      20.1      10.5       1.3     0.019
 24 07 78 1725                .3          40521   8           400.       20.       80.     4.  L      23.8       8.4       0.8     0.022
 21 08 78 1730                .3          40544   5 7        2700.       48.      184.     4.  L      23.2      10.8       1.1     0.024
 11 09 78 1900                .3          40567   6          2500.       56.      100.     4.  L       8.4      18.5       0.5     0.020
 10 10 78 1745                .3          40587   6           700.        4.       12.     4.  L      12.5       8.6       0.8     0.007
 30 10 78 1630                .3          40606   6            20.        4.       12.     4.  L       7.5       9.8       1.1     0.010
 04 12 78 1700                .3          40626   6           190.        4.       32.     4.  L       0.0      12.2       0.7     0.015

                       MAXIMUM                               2700.       56.      184.     4.         23.8      18.5       1.3     0.024
           AVG OR GEOM MN (*)                                385.*      13.*      44.*     4.* D      13.4      10.9       0.9     0.017
                       MINIMUM                                20.        4.       12.      4.          0.0       8.4       0.5     0.007

              NO OF SAMPLES                                     8         8         8        8          8         8         8         8
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 05 78 1915			.3		0.003	0.035	0.365	0.004	0.010L	0.049	0.330	0.379	184.0	8.5
19 06 78 1848			.3		0.002	0.015	0.495	0.003	0.010L	0.028	0.480	0.508	230.0	9.5
24 07 78 1725			.3		0.010	0.005L	0.555	0.002	0.010L	0.017	0.550	0.567	206.0	3.0
21 08 78 1730			.3		0.012	0.095	0.840	0.003	0.010L	0.108	0.745	0.853	188.0	2.5
11 09 78 1900			.3		0.005	0.005	0.555	0.003	0.010L	0.018	0.550	0.568	190.0	1.5
10 10 78 1745			.3		0.004	0.005L	0.390	0.003	0.010L	0.018	0.385	0.403	282.0	1.5
30 10 78 1630			.3		0.007	0.005	0.350	0.003	0.010L	0.018	0.345	0.363	258.0	1.0
04 12 78 1700			.3		0.001L	0.005	0.440	0.003	0.090	0.098	0.435	0.533	192.0	1.0
MAXIMUM					0.012	0.095	0.840	0.004	0.090	0.108	0.745	0.853	282.0	9.5
AVG OR GEOM MN (*)					0.006D	0.021D	0.499	0.003	0.020D	0.044	0.478	0.522	216.3	3.6
MINIMUM					0.001	0.005	0.350	0.002	0.010	0.017	0.330	0.363	184.0	1.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
09 05 78 1915			.3			202	311	0.70	2.5	10.0	0.20	7.0	155	7.98
19 06 78 1848			.3			203	312	0.80	1.5	7.0	1.00	0.0	160	8.32
24 07 78 1725			.3			222	341	0.85	2.0	6.0	2.20	13.8	179	8.02
21 08 78 1730			.3			232	357	0.50	2.0	4.5	2.25	17.8	196	8.12
11 09 78 1900			.3			229	352	6.80	2.0	9.5	2.05	20.5	180	7.77
10 10 78 1745			.3			247	380	0.40	3.5	13.5	1.20	15.4	189	7.87
30 10 78 1630			.3		257		370	0.45	3.5	12.0	1.00	19.9	191	7.31
04 12 78 1700			.3			214	330	0.85	2.5	10.0	1.00	20.0	167	7.59
MAXIMUM					257	247	380	6.80	3.5	13.5	2.25	20.5	196	8.32
AVG OR GEOM MN (*)					257	221	344	1.42	2.4	9.1	1.36	14.3	177	7.87
MINIMUM					257	202	311	0.40	1.5	4.5	0.20	0.0	155	7.31
NO OF SAMPLES					1	7	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
09 05 78 1915			.3		0.100	165.0	37.00	17.60	40	0.50	1.20	22
19 06 78 1848			.3		0.120	170.0	38.50	17.80	40	0.15	0.90	21
24 07 78 1725			.3		0.150	188.0	42.00	20.20	30	0.10	0.90	22
21 08 78 1730			.3		0.100	195.0	43.00	21.20	46	0.50	1.40	26
11 09 78 1900			.3		0.200	193.0	42.50	21.00	49	0.40	0.90	30
10 10 78 1745			.3		0.100	202.0	44.00	22.40	35	0.40	2.00	23
30 10 78 1630			.3		0.080	200.0	44.00	21.80	34	0.70	1.50	27
04 12 78 1700			.3		0.180	175.0	37.50	19.80	22	0.60	1.10	
MAXIMUM					0.200	202.0	44.00	22.40	49	0.70	2.00	30
AVG OR GEOM MN (*)					0.129	186.0	41.06	20.23	37	0.42	1.24	24
MINIMUM					0.080	165.0	37.00	17.60	22	0.10	0.90	21
NO OF SAMPLES					8	8	8	8	8	8	8	7

B.O.W./ SITE: REDHILL CREEK
SAMPLE POINT: AT BEACH ROAD, HAMILTON
STATION TYPE: RIVER

STATION ID: 09-0001-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: REDHILL CREEK

STORET CODE: 02
004
4620

STN NO: 1 LAT: LONG: U T M: 17 0599600.0 4790550.0 4 REGION: 02 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 0835			.3		39900	9	35000E+1	14500.	6700.	7.0	7.0	5.8	0.760	0.500
14 02 78 1250			.3		39906	9	90000E+1	42000.	18000.	9.5	7.0	23.0	1.790	1.050
14 03 78 1005			.3		39912	9	56000E+3	96000E+1	87000.	9.0	5.0	90.0	3.000	0.100
11 04 78 1000			.3		39918	9	41000E+1	18400.	15000. G	15.0	6.0	18.0	1.230	0.420
15 05 78 1125			.3		39924	9	35000E+1	20000.	20000.	14.0	7.0	5.5	2.370	0.625
06 06 78 1245			.3		39930	9	96.	8.	10.	20.0	5.0	6.0	1.980	1.230
12 07 78 1255			.3		39936	9 0	2000.	10. L	1000. L	23.0	5.0	12.0	1.450	0.075
23 08 78 0930			.3		39942	9	10. L	10. L	10. L	24.0	6.0	4.0	1.250	0.600
12 09 78 1330			.3		39948	0 9	15000E+3G	15000E+1L	1500. L	22.0	6.0	62.0	3.900	1.300
12 10 78 0925			.3		39954	9	10000E+1L	10000. L	20000.	20.0	5.0	15.0	1.000	0.730
21 11 78 1205			.3		39960	0	81000E+2	11900E+2	40000E+1	16.0	5.0	105.0	4.090	3.600
12 12 78 1230			.3		39966	0	90000.	10200.	4000.	13.0	6.0	10.0	2.340	1.400
MAXIMUM							56000E+3	11900E+2	40000E+1	24.0	7.0	105.0	4.090	3.600
AVG OR GEOM MN (*)							11494E+*E	6184.* D	3965.* E	16.0	5.8	29.7	2.097	0.969
MINIMUM							10.	8.	10.	7.0	5.0	4.0	0.760	0.075
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 0835			.3		11.200	12.800	1.380	4.130	16.710	1.600	18.310	723.0	21.0	702
14 02 78 1250			.3		19.200	19.200	0.770	1.840	21.810	0.000	21.810	608.0	67.0	541
14 03 78 1005			.3		17.400	26.000	0.004	0.006	17.410	8.600	26.010	966.0	248.0	718
11 04 78 1000			.3		23.000	25.500	0.047	0.050	23.097	2.500	25.597	636.0	35.0	601
15 05 78 1125			.3		18.600	28.700	0.245	8.250	27.095	10.100	37.195	683.0	69.0	614
06 06 78 1245			.3		13.200	16.300	0.275	5.970	19.445	3.100	22.545	625.0	25.0	600
12 07 78 1255			.3		1.150	15.200	0.210	0.065	1.425	14.050	15.475	596.0	34.0	562
23 08 78 0930			.3		10.400	11.900	0.091	10.700	21.191	1.500	22.691	582.0	19.0	563
12 09 78 1330			.3		16.800	26.000	0.435	4.460	21.695	9.200	30.895	560.0	88.0	472
12 10 78 0925			.3		15.300	19.200	0.160	7.840	23.300	3.900	27.200	576.0	16.0	560
21 11 78 1205			.3		41.000	42.500	0.006	1.340	42.346	1.500	43.846	672.0	71.0	601
12 12 78 1230			.3		12.800	17.700	1.320	12.700	26.820	4.900	31.720	647.0	26.0	621
MAXIMUM					41.000	42.500	1.380	12.700	42.346	14.050	43.846	966.0	248.0	718
AVG OR GEOM MN (*)					16.671	21.750	0.412	4.779	21.862	5.079	26.941	656.2	59.9	596
MINIMUM					1.150	11.900	0.004	0.006	1.425	0.000	15.475	560.0	16.0	472
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(CONTD)

STATION ID: 09-0001-001-02

B.O.W./ SITE: REDHILL CREEK
SAMPLE POINT: AT BEACH ROAD, HAMILTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: REDHILL CREEK

STORET CODE: 02
004
4620

STN NO: 1 LAT: LONG: U T M: 17 0599600.0 4790550.0 4 REGION: 02 MILEAGE: 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	0835			.3		1220	6.30	203.0
14 02 78	1250			.3		1010	24.00	145.0
14 03 78	1005			.3		1280	66.00	229.0
11 04 78	1000			.3		1120	15.00	158.0
15 05 78	1125			.3		1010	27.00	143.0
06 06 78	1245			.3		960	14.00	143.0
12 07 78	1255			.3		900	15.00	138.0
23 08 78	0930			.3		880	6.90	125.0
12 09 78	1330			.3		800	3.00	102.0
12 10 78	0925			.3		950	14.00	130.0
21 11 78	1205			.3		1150	37.00	155.0
12 12 78	1230			.3		1070	11.00	160.0
MAXIMUM						1280	66.00	229.0
AVG OR GEOM MN (*)						1029	19.93	152.6
MINIMUM						800	3.00	102.0
NO OF SAMPLES						12	12	12

STATION ID: 09-0001-002-02

B.O.W./ SITE: REDHILL CREEK
SAMPLE POINT: DOWNSTREAM FROM SANITARY LANDFILL SITE, HAMILTON
STATION TYPE: RIVER FLOW GAUGE MOE 02HB107

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: REDHILL CREEK

STORET CODE: 02
004
4620

STN NO: 2 LAT: LONG: U T M: 17 0597290.0 4785525.0 4 REGION: 02 MILEAGE: 4.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78	0900			.3		39901	4	800.	180.	200.	0.5	13.0	1.2	0.058	0.011
14 02 78	1235			.3		39907	2								
14 03 78	0940			.3		39913	3	43000E+1	3000.	8000.	3.0	12.0	11.0	0.500	0.013
11 04 78	1035			.3		39919	3	3500.	120.	200.	9.0	11.0	2.8	0.034	0.002
15 05 78	1100			.3		39925	6	11300.	210.	150.	11.0	11.0	0.6	0.026	0.001
06 06 78	1150			.3		39931	6	240.	16.	70.	21.0	10.0	0.4	0.018	0.004
12 07 78	1220			.3		39937	6	300.	40.	152.	23.5	10.0	0.5	0.019	0.008
23 08 78	0950			.3		39943	6	300.	60.	108.	24.0	11.0	0.4	0.003	0.003
12 09 78	1300			.3		39949	6	13600E+1	1900.	1240.	19.0	10.0	1.8	0.155	0.125
12 10 78	0950			.3		39955	6	2000.	100. L	200.	15.0	9.0	1.0	0.034	0.005
21 11 78	1230			.3		39961	6	9400.	400.	100. L	4.5	12.0	0.6	0.040	0.004
12 12 78	1210			.3		39967	4	3500.	60.	40.	3.0	13.0	0.4	0.041	0.006
MAXIMUM								43000E+1	3000.	8000.	24.0	13.0	11.0	0.500	0.125
AVG OR GEOM MN (*)								3835.*	164.* D	219.* D	12.1	11.1	1.9	0.084	0.017
MINIMUM								240.	16.	40.	0.5	9.0	0.4	0.003	0.001
NO OF SAMPLES								11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78	0900			.3		0.770	1.400	0.025	2.410	3.205	0.630	3.835	733.0	9.3	724
14 03 78	0940			.3		0.860	2.850	0.100	1.820	2.780	1.990	4.770	1185.0	404.0	781
11 04 78	1035			.3		0.430	0.620	0.037	1.460	1.927	0.190	2.117	675.0	16.0	659
15 05 78	1100			.3		0.062	0.680	0.034	1.450	1.546	0.618	2.164	710.0	4.5	705
06 06 78	1150			.3		0.034	0.760	0.013	2.990	3.037	0.726	3.763	1041.0	3.9	1037
12 07 78	1220			.3		0.040	0.590	0.009	2.650	2.699	0.550	3.249	1146.0	2.6	1143
23 08 78	0950			.3		0.022	0.530	0.007	0.520	0.549	0.508	1.057	1176.0	3.3	1173
12 09 78	1300			.3		0.142	0.850	0.072	3.360	3.574	0.708	4.282	688.0	84.0	604
12 10 78	0950			.3		0.024	0.710	0.042	5.110	5.176	0.686	5.862	1024.0	2.4	1022
21 11 78	1230			.3		0.675	1.270	0.038	3.260	3.973	0.595	4.568	933.0	10.0	923
12 12 78	1210			.3		0.610	1.310	0.060	4.040	4.710	0.700	5.410	878.0	9.0	869
MAXIMUM						0.860	2.850	0.100	5.110	5.176	1.990	5.862	1185.0	404.0	1173
AVG OR GEOM MN (*)						0.334	1.052	0.040	2.643	3.016	0.718	3.734	926.3	49.9	876
MINIMUM						0.022	0.530	0.007	0.520	0.549	0.190	1.057	675.0	2.4	604
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78	0900			.3		1075	17.00	125.0
14 03 78	0940			.3		1260	240.00	265.0
11 04 78	1035			.3		1000	18.00	125.0
15 05 78	1100			.3		1020	4.50	110.0
06 06 78	1150			.3		1430	3.00	173.0
12 07 78	1220			.3		1540	1.60	198.0
23 08 78	0950			.3		1460	2.00	173.0
12 09 78	1300			.3		885	59.00	88.0
12 10 78	0950			.3		1380	5.00	138.0
21 11 78	1230			.3		1320	6.00	130.0
12 12 78	1210			.3		1270	7.00	140.0
MAXIMUM						1540	240.00	265.0
AVG OR GEOM MN (*)						1240	33.01	151.4
MINIMUM						885	1.60	88.0
NO OF SAMPLES						11	11	11

B.O.W./ SITE: SPENCER CREEK
SAMPLE POINT: AT COOTES ROAD. DUNDAS
STATION TYPE: RIVER FLOW GAUGE FED 02HB010

STATION ID: 09-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STORET CODE: 02
004
4590

STN NO: 1 LAT: LONG: U T M: 17 0585050.0 4790350.0 4 REGION: 02 MILEAGE: 2.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
11 01 78	0950			.3		39902	2	75.90							
03 02 78	1000			.3		38342	4	62.20	57000.	1000.	1000. L	1.5	12.9	10.5	1.630
14 02 78	0910			.3		39908	2	47.70							
14 03 78	1245			.3		39914	6	66.00	21000E+2	53000.	9000.	4.0	9.0	4.5	0.258
11 04 78	1110			.3		39920	6	342.00	4800.	550.	1500. G	8.0	12.0	2.8	0.120
21 04 78	0920			.3		38470	3	286.00	7300.	200.	2600.	4.8	13.2	0.4	0.114
15 05 78	1200			.3		39926	6	193.00	1700.	120.	600.	12.0	12.0	1.0	0.056
06 06 78	1035			.3		39932	6	16.80	1500.	170.	130.	17.0	9.0	1.8	0.052
12 07 78	1030			.3		39938	6	4.70	1700.	50.	60.	21.0	7.0	1.5	0.054
13 07 78	1110			.3		38594	6	4.40	900.	200.	500.	20.0	6.8	1.0	0.020
23 08 78	1045			.3		39944	6	4.30	7300.	720.	530.	23.0	7.0	2.4	0.057
12 09 78	1145			.3		39950	6 9	21.10	10700E+2	37000.	1500. L	19.0	8.0	4.0	0.550
12 10 78	1035			.3		39956	6	35.60	10000. L	1000. L	1000. L	15.0	8.0	2.0	
26 10 78	1430			.3		38716	6	30.00	7000.	550.	750.	11.0	10.4	1.0	0.031
21 11 78	1105			.3		39962	6	46.10	1200.	70.	1000. L	3.0	13.0	0.8	0.042
12 12 78	1035			.3		39968	4 6	59.20	410.	20.	360.	2.0	13.0	0.2	0.041
MAXIMUM								342.00	21000E+2	53000.	9000.	23.0	13.2	10.5	1.630
AVG OR GEOM MN (*)								80.94	8000.* D	468.* D	749.* E	11.5	10.1	2.4	0.233
MINIMUM								4.30	410.	20.	60.	1.5	6.8	0.2	0.020
NO OF SAMPLES								16	14	14	14	14	14	14	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
03 02 78	1000			.3		0.041	0.138	3.640	0.017	1.040	1.195	3.502	4.697	1487.0	1086.0
14 03 78	1245			.3		0.039	0.330	1.420	0.037	1.680	2.047	1.090	3.137	550.0	119.0
11 04 78	1110			.3		0.041	0.082	0.850	0.016	0.880	0.978	0.768	1.746	344.0	71.0
21 04 78	0920			.3		0.035	0.082	0.68	0.012	0.960	1.054	0.598	1.652	401.	51.
15 05 78	1200			.3		0.008	0.002	0.800	0.013	0.640	0.655	0.798	1.453	357.0	17.0
06 06 78	1035			.3		0.009	0.070	0.840	0.012	0.565	0.647	0.770	1.417	369.0	7.9
12 07 78	1030			.3		0.006	0.164	0.570	0.010	0.505	0.679	0.406	1.085	591.0	7.1
13 07 78	1110			.3		0.001	0.016	0.480	0.009	0.431	0.456	0.464	0.920	431.0	3.8
23 08 78	1045			.3		0.007	0.166	0.730	0.014	0.585	0.765	0.564	1.329	401.0	16.0
12 09 78	1145			.3		0.064	0.186	2.000	0.035	1.990	2.211	1.814	4.025	603.0	260.0
12 10 78	1035			.3										414.0	20.0
26 10 78	1430			.3		0.005	0.009	0.440	0.011	0.630	0.650	0.431	1.081	428.0	14.0
21 11 78	1105			.3		0.015	0.027	0.770	0.012	0.713	0.752	0.743	1.495	408.0	5.0
12 12 78	1035			.3		0.012	0.038	0.710	0.009	1.290	1.337	0.672	2.009	427.0	7.0
MAXIMUM						0.064	0.330	3.640	0.037	1.990	2.211	3.502	4.697	1487.0	1086.0
AVG OR GEOM MN (*)						0.022	0.101	1.072	0.016	0.916	1.033	0.971	2.004	515.1	120.3
MINIMUM						0.001	0.002	0.440	0.009	0.431	0.456	0.406	0.920	344.0	3.8
NO OF SAMPLES						13	13	13	13	13	13	13	13	14	14

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	50 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
03 02 78	1000			.3		401		650	265.00	39.0	53.0	4.15	7.64	41.000	1.0L
14 03 78	1245			.3		431		715	77.00	110.0	47.0	2.70	7.49	5.800	4.0
11 04 78	1110			.3			273	420	36.00	19.0	31.5	1.05	8.10	3.000	2.0
21 04 78	0920			.3		350		520	0.65	33.0	43.5	1.15	8.39	1.75	2.5
15 05 78	1200			.3		340		520	7.00	25.0	38.0	1.70	8.38	0.670	3.0
06 06 78	1035			.3		361		570	5.30	28.5	38.5	1.50	8.22	0.460	1.0L
12 07 78	1030			.3		584		740	4.30	57.0	158.0	2.25	8.27	0.240	1.0L
13 07 78	1110			.3		427		620	3.30	49.0	85.0	1.65	8.24	0.030	1.0L
23 08 78	1045			.3		385		580	8.60	45.5	54.0	3.15	7.99	0.320	1.0L
12 09 78	1145			.3		343		520		38.0	52.0	3.45	7.99	14.000	1.0
12 10 78	1035			.3		394		580	7.20				8.33		2.0
26 10 78	1430			.3		414		610	5.30	34.5	75.0	3.25	8.19	0.380	1.0L
21 11 78	1105			.3		403		610	2.90	27.5	82.0	3.60	8.08	0.260	1.0L
12 12 78	1035			.3		420		660	4.60	38.5	82.0	4.35	8.15	0.400	
MAXIMUM						584	273	740	265.00	110.0	158.0	4.35	8.39	41.000	4.0
AVG OR GEOM MN (*)						404	273	594	32.86	41.9	64.6	2.61	8.10	5.255	1.7D
MINIMUM						340	273	420	0.65	19.0	31.5	1.05	7.49	0.030	1.0
NO OF SAMPLES						13	1	14	13	13	13	13	14	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
03 02 78	1000			.3			142		0.017	0.130	0.040	0.090	0.150	0.005L	0.620
14 02 78	0910			.3			142		0.017	0.130	0.040	0.090	0.150	0.005L	0.620
14 03 78	1245			.3		19.0	53								
11 04 78	1110			.3		6.4	35								
21 04 78	0920			.3		6.5	30	1	0.001	0.05	0.02 L	0.01 L	0.03 L	0.005L	0.02
15 05 78	1200			.3		8.5	31								
06 06 78	1035			.3		72.4	31								
12 07 78	1030			.3		4.1	26								
13 07 78	1110			.3		5.0	17	1	0.001	0.030L	0.020L	0.020	0.030L	0.005L	0.010L
23 08 78	1045			.3		5.1	20								
12 09 78	1145			.3		7.2	52								
12 10 78	1035			.3		10.0	40								
26 10 78	1430			.3		6.6	36	0	0.001	0.01	0.02 L	0.01 L	0.03 L	0.005L	0.01 L
21 11 78	1105			.3		9.2	60								
12 12 78	1035			.3		7.0	21								
MAXIMUM						72.4	142	1	0.017	0.130	0.040	0.090	0.150	0.005	0.620
AVG OR GEOM MN (*)						12.8	49	1	0.007	0.070D	0.028D	0.044D	0.078D	0.005D	0.256D
MINIMUM						4.1	17	0	0.001	0.01	0.02	0.01	0.03	0.005	0.010
NO OF SAMPLES						13	15	3	5	5	5	5	5	5	5

(C O N T D)

STATION ID: 09-0008-001-02

B.O.W./ SITE: SPENCER CREEK
SAMPLE POINT: AT COOTES ROAD, DUNDAS
STATION TYPE: RIVER FLOW GAUGE FED 02HB010

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STORET CODE: 02
004
4590

STN NO: 1 LAT: LONG: U T M: 17 0585050.0 4790350.0 4 REGION: 02 MILEAGE: 2.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
03 02 78	1000			.3		0.020L
14 02 78	0910			.3		0.020L
21 04 78	0920			.3		0.02 L
13 07 78	1110			.3		0.020L
26 10 78	1430			.3		0.02 L
MAXIMUM						0.020
AVG OR GEOM MN (*)						0.020D
MINIMUM						0.020
NO OF SAMPLES						5

STATION ID: 09-0008-002-02

B.O.W./ SITE: DESJARDINS CANAL
SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH SPENCER CREEK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STORET CODE: 02
004
4590

STN NO: 2 LAT: LONG: U T M: 17 0587200.0 4791300.0 4 REGION: 02 MILEAGE: 1.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78	1000			.3		39903	2								
14 02 78	0935			.3		39909	2								
11 04 78	1140			.3		39921	3	10000.	1300.	720.	7.0	7.0	2.6	0.080	0.016
15 05 78	1215			.3		39927	3	3000.	230.	120.	13.0	8.0	0.6	0.040	0.003
06 06 78	1100			.3		39933	7	700.	20.	300.	21.0	14.0	10.0	0.435	0.069
12 07 78	1045			.3		39939	7	100.	50.	850.	22.0	19.0	8.0	0.485	0.001
23 08 78	1130			.3		39945	7	1500.	90.	160.	25.0	13.0	7.0	0.318	0.013
12 09 78	1205			.3		39951	7	13000.	2600.	870.	19.0	13.0	45.0	0.955	0.650
12 10 78	1150			.3		39957	1								
21 11 78	1115			.3		39963	1								
12 12 78	1100			.3		39969	2								
MAXIMUM								13000.	2600.	870.	25.0	19.0	45.0	0.955	0.650
AVG OR GEOM MN (*)								1856.*	203.*	381.*	17.8	12.3	12.2	0.386	0.125
MINIMUM								100.	20.	120.	7.0	7.0	0.6	0.040	0.001
NO OF SAMPLES								6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 04 78	1140			.3		0.086	0.760	0.014	0.860	0.960	0.674	1.634	337.0	60.0	277
15 05 78	1215			.3		0.030	0.640	0.012	0.625	0.667	0.610	1.277	357.0	10.0	347
06 06 78	1100			.3		2.200	4.650	0.350	0.620	3.170	2.450	5.620	545.0	71.0	474
12 07 78	1045			.3		0.056	3.300	0.170	0.260	0.486	3.244	3.730	529.0	81.0	448
23 08 78	1130			.3		0.282	2.900	0.075	0.265	0.622	2.618	3.240	466.0	68.0	398
12 09 78	1205			.3		0.025	1.650	0.925	0.725	1.675	1.625	3.300	495.0	37.0	458
MAXIMUM						2.200	4.650	0.925	0.860	3.170	3.244	5.620	545.0	81.0	474
AVG OR GEOM MN (*)						0.447	2.317	0.258	0.559	1.263	1.870	3.134	454.8	54.5	400
MINIMUM						0.025	0.640	0.012	0.260	0.486	0.610	1.277	337.0	10.0	277
NO OF SAMPLES						6	6	6	6	6	6	6	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 04 78	1140			.3		440	37.00	24.0
15 05 78	1215			.3		540	6.30	27.5
06 06 78	1100			.3		730	24.00	78.0
12 07 78	1045			.3		660	30.00	90.0
23 08 78	1130			.3		600	27.00	80.0
12 09 78	1205			.3		780	11.00	80.0
MAXIMUM						780	37.00	90.0
AVG OR GEOM MN (*)						625	22.55	63.3
MINIMUM						440	6.30	24.0
NO OF SAMPLES						6	6	6

B.O.W./ SITE: SPENCER CREEK WEST
SAMPLE POINT: AT BRIDGE IN CROOKS HOLLOW WEST FLAMBOROUGH
STATION TYPE: RIVER
STATION ID: 09-0008-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK
STORET CODE: 02 004 4590

STN NO: 3 LAT: LONG: U T M: 17 0580625.0 4791800.0 4 REGION: 02 MILEAGE: 7.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 1020			.3		39904	4	1700.	10.	630.	0.0	11.0	1.0	0.070	0.038
14 02 78 1030			.3		39910	4	2300.	40.	60.	0.5	13.0	1.0	0.099	0.051
14 03 78 1340			.3		39916	4	71000.	390.	380.	4.0	11.0	1.4	0.148	0.077
11 04 78 1225			.3		39922	3 6	1200.	20.	990.	9.0	12.0	2.8	0.064	0.009
15 05 78 1315			.3		39928		1400.	90.	240.	14.	10.0	1.5	0.078	0.018
06 06 78 0930			.3		39934	6	400.	4. L	30.	20.0	11.0	2.6	0.048	0.001
12 07 78 0945			.3		39940	5	120.	124.	108.	22.0	7.0	4.5	0.060	0.002
23 08 78 1205			.3		39946	7	380.	56.	68.	27.0	8.0	3.6	0.092	0.003
12 09 78 1115			.3		39952	6	1200.	16.	68.	20.5	8.0	4.8	0.120	0.002
12 10 78 1300			.3		39958	6	1300.	0.	10. L	16.0	9.0	2.0	0.060	0.004
21 11 78 0850			.3		39964	6	460.	48.	208.	4.0	12.0	0.4	0.020	0.015
12 12 78 1015			.3		39970	6	370.	40.	516.	2.0	6.0	0.4	0.031	0.013
MAXIMUM							71000.	390.	990.	27.0	13.0	4.8	0.148	0.077
AVG OR GEOM MN (*)							1070.*	28.* D	140.* D	11.6	9.8	2.2	0.074	0.019
MINIMUM							120.	0.	10.	0.0	6.0	0.4	0.020	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 1020			.3		0.164	0.800	0.012	1.290	1.466	0.636	2.102	364.0	5.6	358
14 02 78 1030			.3		0.256	0.980	0.018	0.872	1.146	0.724	1.870	349.0	6.0	343
14 03 78 1340			.3		0.450	1.090	0.027	2.230	2.707	0.640	3.347	393.0	7.2	385
11 04 78 1225			.3		0.046	0.920	0.007	0.720	0.773	0.874	1.647	272.0	18.0	
15 05 78 1315			.3		0.026	1.160	0.014	0.510	0.550	1.134	1.684	330.	18.0	312
06 06 78 0930			.3		0.146	1.040	0.013	0.045	0.204	0.894	1.098	324.0	8.2	316
12 07 78 0945			.3		0.020	1.360	0.019	0.111	0.150	1.340	1.490	340.0	9.0	331
23 08 78 1205			.3		0.018	2.320	0.004	0.035	0.057	2.302	2.359	308.0	32.0	
12 09 78 1115			.3		0.092	1.900	0.006	0.055	0.153	1.808	1.961	327.0	17.0	310
12 10 78 1300			.3		0.104	1.880	0.009	0.375	0.488	1.776	2.264	382.0	7.0	38
21 11 78 0850			.3		0.169	0.620	0.012	0.490	0.671	0.451	1.122	382.0	7.0	375
12 12 78 1015			.3		0.080	0.950	0.010	1.190	1.280	0.870	2.150	392.0	3.0	389
MAXIMUM					0.450	2.320	0.027	2.230	2.707	2.302	3.347	393.0	32.0	389
AVG OR GEOM MN (*)					0.131	1.252	0.013	0.660	0.804	1.121	1.925	346.9	11.5	316
MINIMUM					0.018	0.620	0.004	0.035	0.057	0.451	1.098	272.0	3.0	38
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78 1020			.3			575	3.60	21.5
14 02 78 1030			.3			575	4.20	20.0
14 03 78 1340			.3			630	4.80	35.5
11 04 78 1225			.3		254	390	12.00	14.5
15 05 78 1315			.3			475	9.0	220.0
06 06 78 0930			.3			475	4.30	15.5
12 07 78 0945			.3			510	3.40	20.0
23 08 78 1205			.3		276	425	8.90	25.5
12 09 78 1115			.3			470	5.50	27.0
12 10 78 1300			.3			550	5.00	22.5
21 11 78 0850			.3			560	2.10	21.0
12 12 78 1015			.3			600	2.40	22.5
MAXIMUM					276	630	12.00	220.0
AVG OR GEOM MN (*)					265	520	5.43	38.8
MINIMUM					254	390	2.10	14.5
NO OF SAMPLES					2	12	12	12

B.O.W./ SITE: SPENCER CREEK
SAMPLE POINT: AT VALENS SIDE ROAD CULVERT
STATION TYPE: RIVER
STATION ID: 09-0008-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK
STORET CODE: 02 004 4590

STN NO: 4 LAT: LONG: U T M: 17 0570340.0 4803450.0 4 REGION: 02 MILEAGE: 27.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 01 78 1225			.3		39905	3	20.	2. L	6.	0.0	8.0	0.5	0.013	0.001
14 02 78 1105			.3		39911	3 0	10.	4.	4. L	3.0	7.0	1.2	0.030	0.005
14 03 78 1405			.3		39917	3	3300.	28.	76.	5.0	7.0	1.4	0.058	0.011
11 04 78 1305			.3		39923	3	16.	2. L	20.	7.0	10.0	1.5	0.030	0.001
15 05 78 1430			.3		39929								0.510	0.001
06 06 78 0850			.3		39935	7	400.	160.	430.	18.0	6.0	1.5	0.036	0.009
12 07 78 0910			.3		39941	7	400.	4.	290.	20.5	4.0	3.5	0.080	0.011
23 08 78 1305			.3		39947	7	560.	92.	256.	25.0	7.0	3.0	0.144	0.028
12 09 78 1415			.3		39953	6 7	3500.	332.	260.	18.0	6.0	1.8	0.130	0.010
12 10 78 1345			.3		39959	6 3 7	2000.	10. L	28.	16.0	9.0	1.5	0.018	0.001
21 11 78 0750			.3		39965	6 3	20.	10. L	10. L	5.0	11.0	0.2	0.016	0.001L
12 12 78 0930			.3		39971	3	160.	4. L	4. L	2.0	11.0	0.4	0.014	0.001
MAXIMUM							3500.	332.	430.	25.0	11.0	3.5	0.510	0.028
AVG OR GEOM MN (*)							201.*	14.* D	39.* D	10.9	7.8	1.5	0.090	0.0070
MINIMUM							10.	2.	4.	0.0	4.0	0.2	0.013	0.001
NO OF SAMPLES							11	11	11	11	11	11	12	12

(C O N T D)

STATION ID: 09-0008-004-02

B.O.W./ SITE: SPENCER CREEK
SAMPLE POINT: AT VALENS SIDE ROAD CULVERT
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STORET CODE: 02
004
4590

STN NO: 4   LAT: LONG: U T M: 17 0570340.0 4803450.0 4   REGION: 02   MILEAGE: 27.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
11 01 78 1225			.3		0.124	0.580	0.013	0.472	0.609	0.456	1.065	345.0	0.8	344
14 02 78 1105			.3		0.322	0.770	0.031	0.414	0.767	0.448	1.215	367.0	2.1	365
14 03 78 1405			.3		0.420	1.040	0.019	0.561	1.000	0.620	1.620	360.0	4.9	355
11 04 78 1305			.3		0.172	0.680	0.022	0.505	0.699	0.508	1.207	242.0	2.2	
15 05 78 1430			.3		0.024	0.680	0.007	- 0.065	0.096	0.656	0.752	265.0	4.5	
06 06 78 0850			.3		0.108	0.730	0.011	0.125	0.244	0.622	0.866	270.0	23.0	
12 07 78 0910			.3		0.042	1.220	0.030	0.215	0.287	1.178	1.465	238.0	9.6	
23 08 78 1305			.3		0.214	1.010	0.080	0.385	0.679	0.796	1.475	226.0	11.0	
12 09 78 1415			.3		0.104	1.230	0.029	0.325	0.458	1.126	1.584	238.0	3.8	
12 10 78 1345			.3		0.026	0.690	0.005	0.050	0.081	0.664	0.745	200.0	2.1	
21 11 78 0750			.3		0.018	0.650	0.002	0.038	0.058	0.632	0.690	228.0	4.0	
12 12 78 0930			.3		0.022	0.710	0.003	0.127	0.152	0.688	0.840	273.0	2.0	271
MAXIMUM					0.420	1.230	0.080	0.561	1.000	1.178	1.620	367.0	23.0	365
AVG OR GEOM MN (*)					0.133	0.833	0.021	0.274	0.428	0.700	1.127	271.0	5.8	334
MINIMUM					0.018	0.580	0.002	0.038	0.058	0.448	0.690	200.0	0.8	271
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
11 01 78 1225			.3			545	1.50	9.6
14 02 78 1105			.3			595	3.60	10.0
14 03 78 1405			.3			580	4.60	12.5
11 04 78 1305			.3		240	370	1.60	7.2
15 05 78 1430			.3			400	1.9	8.9
06 06 78 0850			.3		247	380	2.10	7.1
12 07 78 0910			.3		228	350	2.10	7.7
23 08 78 1305			.3		215	330	3.30	9.1
12 09 78 1415			.3		234	360	1.80	13.0
12 10 78 1345			.3		198	305	2.00	7.8
21 11 78 0750			.3		224	345	2.10	7.9
12 12 78 0930			.3			420	1.10	9.0
MAXIMUM					247	595	4.60	13.0
AVG OR GEOM MN (*)					227	415	2.31	9.1
MINIMUM					198	305	1.10	7.1
NO OF SAMPLES					7	12	12	12

STATION ID: 09-0009-001-02

B.O.W./ SITE: GRINDSTONE CREEK
SAMPLE POINT: HIGHWAY 2. BAYVIEW, HAMILTON HARBOUR
STATION TYPE: RIVER   FLOW GAUGE FED 02HB012

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GRINDSTONE CREEK

STORET CODE: 02
004
4580

STN NO: 1   LAT: LONG: U T M: 17 0590500.0 4793675.0 4   REGION: 02   MILEAGE: 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1330			.3		37212	4	31.00	3200.	280.	150.	0.0	13.0	1.0	0.111
20 02 78 1600			.3		37228	4	21.50	800.	4. L	20. L	0.0	6.0	1.0	0.117
22 03 78 1015			.3		37244	4	237.00	15000. G	1080.	950.	0.0	14.0	3.8	0.272
18 04 78 1500			.3		37260	8	49.40	7000.	600.	1100.	9.0	12.0	0.8	0.122
24 05 78 1000			.3		37276	8	27.50	700.	72.	100. L	18.0	8.0	2.8	0.183
27 06 78 1045			.3		37292	8	4.80	3000.	496.	560.	24.0	11.0	8.0	1.340
18 07 78 1100			.3		37308	8	2.30	300.	20.	4.	24.0	9.0	9.0	0.300
22 08 78 1100			.3		37324	0 8	1.50	500.	48.	16.	22.0	10.0	8.5	0.430
27 09 78 1100			.3		37340	0 8	5.10	3100.	88.	48.	15.0	10.0	3.8	0.350
18 10 78 1030			.3		37356	8	7.00	4400.	112.	232.	7.0	11.0	1.0	0.170
22 11 78 1005			.3		37372	0 8	12.90	11500.	416.	552.	0.5	13.0	1.4	0.188
18 12 78 1130			.3		37388	8	15.90	2000.	60.	100.	0.0	15.0	1.5	0.306
MAXIMUM							237.00	15000.	1080.	1100.	24.0	15.0	9.0	1.340
AVG OR GEOM MN (*)							34.66	2337.* U	116.* D	117.* D	10.0	11.0	3.6	0.324
MINIMUM							1.50	300.	4.	4.	0.0	6.0	0.8	0.111
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1330			.3		0.085	0.336	1.140	0.040	2.270	2.646	0.804	3.450	506.0	15.0
20 02 78 1600			.3		0.077	0.384	1.160	0.035	2.260	2.679	0.776	3.455	487.0	10.0
22 03 78 1015			.3		0.041	0.270	1.420	0.037	1.570	1.877	1.150	3.027	392.0	143.0
18 04 78 1500			.3		0.048	0.098	0.800	0.017	2.060	2.175	0.702	2.877	391.0	23.0
24 05 78 1000			.3		0.045	0.128	1.280	0.052	1.150	1.330	1.152	2.482	486.0	68.0
27 06 78 1045			.3		0.034	0.680	0.148	0.165	1.310	2.155	0.532	1.623	477.0	65.0
18 07 78 1100			.3		0.045	0.630	2.450	0.084	0.556	1.270	1.820	3.090	495.0	90.0
22 08 78 1100			.3		0.085	1.260	3.260	0.035	0.045	1.340	2.000	3.340	449.0	85.0
27 09 78 1100			.3		0.100	0.094	1.290	0.086	2.660	2.840	1.196	4.036	685.0	64.0
18 10 78 1030			.3		0.115	0.058	0.780	0.080	2.790	2.928	0.722	3.650	608.0	9.3
22 11 78 1005			.3		0.124	0.347	1.060	0.040	2.750	3.137	0.713	3.850	604.0	7.0
18 12 78 1130			.3		0.071	0.144	1.570	0.028	2.120	2.292	1.426	3.718	618.0	33.0
MAXIMUM					0.124	1.260	3.260	0.165	2.790	3.137	2.000	4.036	685.0	143.0
AVG OR GEOM MN (*)					0.073	0.369	1.363	0.058	1.795	2.222	1.083	3.217	516.5	51.0
MINIMUM					0.034	0.058	0.148	0.017	0.045	1.270	0.532	1.623	391.0	7.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1330			.3		491		730	14.00	45.0
20 02 78	1600			.3		477		740	7.20	46.5
22 03 78	1015			.3			249	383	63.00	29.5
18 04 78	1500			.3		368		560	19.00	39.5
24 05 78	1000			.3		418		625	40.00	42.0
27 06 78	1045			.3		412		620	34.00	60.0
18 07 78	1100			.3		405		580	47.00	68.0
22 08 78	1100			.3		364		600	27.0	67.0
27 09 78	1100			.3		621		840	44.00	69.0
18 10 78	1030			.3		599		850	6.70	72.0
22 11 78	1005			.3		597		840	16.00	65.0
18 12 78	1130			.3		585		790	15.00	63.0
MAXIMUM						621	249	850	63.00	72.0
AVG OR GEOM MN (*)						485	249	680	27.74	55.5
MINIMUM						364	249	383	6.70	29.5
NO OF SAMPLES						11	1	12	12	12

B.O.W./ SITE: GRINDSTONE CREEK
SAMPLE POINT: WATERDOWN ROAD, WATERDOWN
STATION TYPE: RIVER

STATION ID: 09-0009-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GRINDSTONE CREEK

STORET CODE: 02
004
4580

STN NO: 2 LAT: LONG: U T M: 17 0590150.0 4797950.0 4 REGION: 03 MILEAGE: 4.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78	1345			.3		37213	8	4400.	80.	100. L	0.0	13.0	65.0	0.350	0.013
20 02 78	1500			.3		37229	8	500.	10.	100. L	0.0	12.0	3.0	0.051	0.015
22 03 78	0945			.3		37245	8	7600.	90.	1100.	0.0	15.0		0.143	0.048
18 04 78	1530			.3		37261	8	1500.	244.	170.	8.5	12.0	0.5	0.038	0.005
24 05 78	0930			.3		37277	8	12000.	900.	12.	16.0	11.0	1.6	0.059	0.018
27 06 78	1030			.3		37293	8	13000.	392.	440.	20.0	10.0		0.650	0.031
18 07 78	1045			.3		37309	8	87000.	376.	280.	17.0	10.0	2.5	0.054	0.037
22 08 78	1045			.3		37325	8	1800.	116.	128.	16.0	10.0	0.4	0.029	0.017
27 09 78	1040			.3		37341	0 8	400.	56.	116.	13.0	11.0	0.4	0.040	0.021
18 10 78	1015			.3		37357	8	570.	4. L	68.	7.0	12.0	0.4	0.033	0.004
22 11 78	0945			.3		37373	8	63000.	1200.	920.	2.0	13.0	1.6	0.084	0.007
18 12 78	1100			.3		37389	8	750.	70.	100. L	0.5	15.0	0.4	0.026	0.008
MAXIMUM								87000.	1200.	1100.	20.0	15.0	65.0	0.650	0.048
AVG OR GEOM MN (*)								3701.*	115.* D	159.* D	8.3	12.0	7.6	0.130	0.019
MINIMUM								400.	4.	12.	0.0	10.0	0.4	0.026	0.004
NO OF SAMPLES								12	12	12	12	12	10	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	1345			.3		0.136	2.360	0.019	2.300	2.455	2.224	4.679	462.0	8.7	453
20 02 78	1500			.3		0.146	1.310	0.019	2.000	2.165	1.164	3.329	464.0	12.0	452
22 03 78	0945			.3		0.258	1.000	0.027	1.600	1.885	0.742	2.627			
18 04 78	1530			.3		0.004	0.700	0.007	1.520	1.531	0.696	2.227	349.0	4.6	344
24 05 78	0930			.3		0.032	1.130	0.021	1.080	1.133	1.098	2.231	405.0	3.9	401
27 06 78	1030			.3		0.114	0.070	0.034	3.820	3.968	0.044	3.924			
18 07 78	1045			.3		0.016	0.350	0.012	3.770	3.798	0.334	4.132	466.0	2.7	442
22 08 78	1045			.3		0.020	0.290	0.012	0.990	1.022	0.270	1.292	414.0	2.4	412
27 09 78	1040			.3		0.004	0.410	0.007	3.640	3.651	0.406	4.057	513.0	2.0	511
18 10 78	1015			.3		0.004	0.640	0.008	3.440	3.452	0.636	4.088	570.0	4.3	564
22 11 78	0945			.3		0.027	0.920	0.009	2.940	2.976	0.893	3.869	611.0	30.0	581
18 12 78	1100			.3		0.010	0.790	0.008	2.190	2.208	0.780	2.988	551.0	3.0	548
MAXIMUM						0.258	2.360	0.034	3.820	3.968	2.224	4.679	611.0	30.0	581
AVG OR GEOM MN (*)						0.064	0.831	0.015	2.441	2.520	0.774	3.287	480.5	7.4	471
MINIMUM						0.004	0.070	0.007	0.990	1.022	0.044	1.292	349.0	2.0	344
NO OF SAMPLES						12	12	12	12	12	12	12	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1345			.3		115	18.00	42.0
20 02 78	1500			.3		690	6.60	36.0
22 03 78	0945			.3		241	17.00	20.0
18 04 78	1530			.3		485	11.00	23.0
24 05 78	0930			.3		575	2.20	28.0
18 07 78	1045			.3		630	12.00	27.5
22 08 78	1045			.3		660	1.2	40.0
27 09 78	1040			.3		720	3.60	40.0
18 10 73	1015			.3		760	2.30	41.0
22 11 78	0945			.3		780	4.30	44.0
18 12 78	1100			.3		730	3.00	36.5
MAXIMUM						780	18.00	44.0
AVG OR GEOM MN (*)						581	7.38	34.4
MINIMUM						115	1.2	20.0
NO OF SAMPLES						11	11	11

STATION ID: 10-0001-002-02

B.O.W./ SITE: TURKEY CREEK
SAMPLE POINT: AT WINDSOR SUBURBAN ROAD 40
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: TURKEY CREEK

STORET CODE: 02
003
2740

STN NO: 2 LAT: LONG: U T M: 17 0329400.0 4679200.0 4 REGION: 01 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1700			.3		40013	4					2.3	4.4	8.4	3.150
22 02 78 0915			.3		40026	6	56000E+1	27000. G	15200. G	40.	1.0	6.6	42.0	2.750
13 03 78 1505			.3		40050	6	32000E+1	10000.	2100.	24.	3.0	10.3	7.2	0.430
10 04 78 1440			.3		40075	6 9	26000E+2G	5800.	5700.	580.	12.3	11.5	4.0	0.720
24 05 78 1415			.3		40101	6	44000E+2G	1800.	250.	40.	20.6	8.4	9.2	1.250
12 06 78 1505			.3		40125	6	54000E+2	18000. G	1600.	244.	20.2	5.6	12.8	2.200
17 07 78 1058			.3		40156	5 9	21000E+2	47000.	2100.	1040.	19.5	6.2	6.0	2.100
08 08 78 1336			.3		40183	5 9	15500E+2	83000.	5100.	7000.	24.0	1.5	35.0	1.640
18 09 78 1505			.3		40209	6	31000E+1G	1500. G	1500. G	1090.	24.0	3.9	10.0	0.910
16 10 78 1515			.3		40240	6 9	60000E+1	29000.	3600.	1900.	10.5	6.6	8.0	0.880
28 11 78 1420			.3		40271	6	31000E+1	8700.	4100.	220.	7.0	7.7	14.8	1.600
11 12 78 1340			.3		40291	6					3.0	7.9	10.4	1.920
MAXIMUM							54000E+2	83000.	15200.	7000.	24.0	11.5	42.0	3.150
AVG OR GEOM MN (*)							10758E+*U	12232.* U	2653.* U	335.*	12.3	6.7	14.0	1.629
MINIMUM							31000E+1	1500.	250.	24.	1.0	1.5	4.0	0.430
NO OF SAMPLES							10	10	10	10	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1700			.3		2.350	5.700	7.750	0.235	0.270	6.205	2.050	8.255	568.0	21.0
22 02 78 0915			.3		2.150	5.000	6.750	0.450	0.670	6.120	1.750	7.870	720.0	16.0
13 03 78 1505			.3		0.245	1.480	2.500	0.087	1.900	3.467	1.020	4.487	734.0	50.0
10 04 78 1440			.3		0.435	2.680	3.850	0.080	1.700	4.460	1.170	5.630	720.0	25.0
24 05 78 1415			.3		0.037	0.590	8.800	0.119	0.410	1.119	8.210	9.329	590.0	15.0
12 06 78 1505			.3		1.650	8.500	10.300	0.041	0.170	8.711	1.800	10.511	482.0	33.0
17 07 78 1058			.3		0.080	6.900	8.500	0.140	0.510	7.550	1.600	9.150	534.0	21.0
08 08 78 1336			.3		0.155	2.400	5.300	0.004	0.010L	2.414	2.900	5.314	536.0	19.0
18 09 78 1505			.3		0.455	2.420	4.500	0.097	0.470	2.987	2.080	5.067	376.0	133.0
16 10 78 1515			.3		0.480	1.020	2.500	0.080	0.710	1.810	1.480	3.290	342.0	64.0
28 11 78 1420			.3		1.240	4.580	5.700	0.485	0.660	5.725	1.120	6.845	1162.0	22.0
11 12 78 1340			.3		1.370	6.500	8.200	0.142	1.090	7.732	1.700	9.432	644.0	15.0
MAXIMUM					2.350	8.500	10.300	0.485	1.900	8.711	8.210	10.511	1162.0	133.0
AVG OR GEOM MN (*)					0.887	3.981	6.221	0.163	0.714D	4.858	2.240	7.098	617.3	36.2
MINIMUM					0.037	0.590	2.500	0.004	0.010	1.119	1.020	3.290	342.0	15.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L
24 01 78 1700			.3		547		970	17.00	120.0	7.41		17.0		
22 02 78 0915			.3		704		1180	16.00	150.0	7.52	0.520	13.0	154	
13 03 78 1505			.3		684		1170	21.00	200.0	7.57	1.720	5.0	62	0
10 04 78 1440			.3		695		1060	24.00	125.0	7.73	0.860	5.0	49	3
24 05 78 1415			.3		575		905	5.30	82.5	7.72	0.480	5.0	54	1
12 06 78 1505			.3		449		785	3.90	80.0	8.04	0.760	7.0	73	1
17 07 78 1058			.3		513		765	12.00	78.0	7.37	1.400	2.0	66	
08 08 78 1336			.3		517		810	11.00	68.0	7.03	0.860	8.0	119	1
18 09 78 1505			.3			253	389	98.00	40.0					1
16 10 78 1515			.3		278		402	85.00	41.5	7.08	3.300	7.5	55	1
28 11 78 1420			.3		1140		2020	6.00	480.0	7.54	0.700	8.0	142	2
11 12 78 1340			.3		629		1090	7.10	152.0	7.71	0.420	4.5	68	
MAXIMUM					1140	253	2020	98.00	480.0	8.04	3.300	17.0	154	3
AVG OR GEOM MN (*)					612	253	962	25.53	134.8	7.52	1.102	7.5	84	1
MINIMUM					278	253	389	3.90	40.0	7.03	0.420	2.0	49	0
NO OF SAMPLES					11	1	12	12	12	11	10	11	10	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
24 01 78 1700			.3		0.010L	0.280	0.300
13 03 78 1505			.3		0.020	0.100	0.080
10 04 78 1440			.3		0.010L	0.110	0.090
24 05 78 1415			.3		0.020	0.340	0.020L
12 06 78 1505			.3		0.010	0.090	0.050
17 07 78 1058			.3		0.02 L	0.02	0.04 L
16 10 78 1515			.3		0.010	0.220	0.110
11 12 78 1340			.3		0.020L	0.120	0.120
MAXIMUM					0.020	0.340	0.300
AVG OR GEOM MN (*)					0.015D	0.160	0.101D
MINIMUM					0.010	0.02	0.020
NO OF SAMPLES					8	8	8

B.O.W./ SITE: CANARD RIVER
SAMPLE POINT: HIGHWAY 18, 2 MILES SOUTH OF RIVER CANARD
STATION TYPE: RIVER

STATION ID: 10-0002-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CANARD RIVER

STORET CODE: 02
003
2700

STN NO: 1 LAT: LONG: U T M: 17 0326710.0 4670400.0 4 REGION: 01 MILEAGE: 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	605 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 02 78	1010			.3		40027	4	280.	16.	8.	4. L	0.3	9.5	0.6	0.061
13 03 78	1440			.3		40049	4	40000. G	370.	168.	4.	0.5	7.6	2.6	0.172
10 04 78	1410			.3		40074	6 3	5400.	150.	650.	10. L	9.5	12.5	1.2	0.460
18 04 78	1430			.3		40090	6 3	1200.	40.	230.	4. L	8.0	13.8	3.2	0.270
24 05 78	1335			.3		40100	6	600.	12.	10. L	4. L	20.2	12.3	6.0	0.160
12 06 78	1440			.3		40124	6	1000.	12.	40.	4. L	21.6	9.6	4.6	0.185
17 07 78	1009			.3		40155	5	70.	4.	16.	4. L	24.8	7.7	2.6	0.150
08 08 78	1257			.3		40182	5	180.	4. L	32.	4. L	24.2	7.2	3.0	0.179
18 09 78	1435			.3		40208	6	24000.	20.	10. L	10. L	24.0	9.9	2.4	0.118
16 10 78	1430			.3		40239	6	150.	4. L	12.	4. L	9.5	10.6	1.3	0.110
28 11 78	1400			.3		40270	4	410.	10.	10.	4. L	1.8	14.8	5.4	0.080
11 12 78	1310			.3		40290	4					0.0	15.5	2.7	0.070
MAXIMUM								40000.	370.	650.	10.	24.8	15.5	6.0	0.460
AVG OR GEOM MN (*)								981.* U	18.* D	33.* D	5.* D	12.0	10.9	3.0	0.168
MINIMUM								70.	4.	8.	4.	0.0	7.2	0.6	0.061
NO OF SAMPLES								11	11	11	11	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 02 78	1010			.3		0.040	0.295	0.610	0.011	0.810	1.116	0.315	1.431	292.0	4.0
13 03 78	1440			.3		0.115	1.200	1.930	0.033	1.250	2.483	0.730	3.213	530.0	8.0
10 04 78	1410			.3		0.355	0.575	1.950	0.147	2.580	3.302	1.375	4.677	620.0	71.0
18 04 78	1430			.3		0.062	0.185	1.300	0.060	2.140	2.385	1.115	3.500	430.0	82.0
24 05 78	1335			.3		0.027	0.030	1.550	0.045	1.520	1.595	1.520	3.115	406.0	79.5
12 06 78	1440			.3		0.019	0.055	1.250	0.043	0.470	0.568	1.195	1.763	492.0	65.0
17 07 78	1009			.3		0.026	0.165	1.200	0.010	0.010	0.185	1.035	1.220	440.0	48.0
08 08 78	1257			.3		0.015	0.105	1.120	0.015	0.010	0.130	1.015	1.145	396.0	67.0
18 09 78	1435			.3		0.011	0.075	0.840	0.010	0.020	0.105	0.765	0.870	264.0	64.5
16 10 78	1430			.3		0.007	0.030	0.430	0.005	0.100	0.135	0.400	0.535	234.0	20.0
28 11 78	1400			.3		0.005	0.015	0.880	0.012	0.250	0.277	0.865	1.142	722.0	27.0
11 12 78	1310			.3		0.015	0.270	0.970	0.019	1.600	1.889	0.700	2.589	614.0	7.0
MAXIMUM						0.355	1.200	1.950	0.147	2.580	3.302	1.520	4.677	722.0	82.0
AVG OR GEOM MN (*)						0.058	0.250	1.169	0.034	0.897	1.181	0.919	2.100	453.3	45.3
MINIMUM						0.005	0.015	0.430	0.005	0.010	0.105	0.315	0.535	234.0	4.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
22 02 78	1010			.3		288		494	1.50	41.5	50.0	1.20	7.63	0.250	1.0L
13 03 78	1440			.3		522		815	9.20	72.0	135.0	2.20	7.51	0.500	2.0
10 04 78	1410			.3		549		409	440.00	21.5	60.5	3.30	7.92	15.200	1.0
18 04 78	1430			.3		348		452	110.00	32.0	55.0	1.70	8.15	5.400	1.0L
24 05 78	1335			.3		327		480	31.00	38.5	58.0	0.80	7.99	3.850	1.0L
12 06 78	1440			.3		427		575	85.00	52.0	7.0	0.05	8.18	3.300	1.0L
17 07 78	1009			.3		392		561	42.00	55.0	67.0	0.80	7.89	2.480	1.0L
08 08 78	1257			.3		329		477	43.00	51.0	41.0	1.00	7.81	3.120	1.0L
18 09 78	1435			.3		199	228	350	4.10	36.0	26.5	0.30	8.00	2.360	1.0L
16 10 78	1430			.3			206	316	18.00	29.0	21.5	0.25	7.88	1.300	1.0L
28 11 78	1400			.3		695		965	5.00	97.0	240.0	0.88	8.23	0.550	1.0L
11 12 78	1310			.3		607		935	2.10	115.0	172.0	1.52	8.11	0.500	1.0L
MAXIMUM						695	228	965	440.00	115.0	240.0	3.30	8.23	15.200	2.0
AVG OR GEOM MN (*)						426	217	569	65.91	53.4	77.8	1.17	7.94	3.234	1.1D
MINIMUM						199	206	316	1.50	21.5	7.0	0.05	7.51	0.250	1.0
NO OF SAMPLES						11	2	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
22 02 78	1010			.3		3.0	9								
13 03 78	1440			.3		9.0	27								
10 04 78	1410			.3		11.8	49	1	0.005		0.020	0.020	0.030L	0.005L	0.060
18 04 78	1430			.3		6.3	26	4	0.003	0.030	0.020L	0.020	0.030L	0.005L	0.020
24 05 78	1335			.3		5.8	41								
12 06 78	1440			.3		6.8	41								
17 07 78	1009			.3		6.8	43	0	0.003	0.04 L	0.05	0.01 L	0.03 L	0.005L	0.01
08 08 78	1257			.3		5.7	35								
18 09 78	1435			.3		3.2	18								
16 10 78	1430			.3		2.4	101	2	0.001	0.020	0.020L	0.010L	0.030L	0.005L	0.010
28 11 78	1400			.3		5.2	52								
11 12 78	1310			.3		5.8	46								
MAXIMUM						11.8	101	4	0.005	0.04	0.05	0.020	0.030	0.005	0.060
AVG OR GEOM MN (*)						6.0	41	2	0.003	0.030D	0.028D	0.015D	0.030D	0.005D	0.025
MINIMUM						2.4	9	0	0.001	0.020	0.020	0.01	0.030	0.005	0.01
NO OF SAMPLES						12	12	4	4	3	4	4	4	4	4

(C O N T D)

STATION ID: 10-0002-001-02

B.O.W./ SITE: CANARD RIVER
SAMPLE POINT: HIGHWAY 18, 2 MILES SOUTH OF RIVER CANARD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CANARD RIVER

STORET CODE: 02
003
2700

STN NO: 1 LAT: LONG: U T M: 17 0326710.0 4670400.0 4 REGION: 01 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
10 04 78 1410			.3		0.020L
18 04 78 1430			.3		0.020L
17 07 78 1009			.3		0.02 L
16 10 78 1430			.3		0.020L
MAXIMUM					0.020
AVG OR GEOM MN (*)					0.020D
MINIMUM					0.020
NO OF SAMPLES					4

STATION ID: 10-0002-002-02

B.O.W./ SITE: CANARD RIVER
SAMPLE POINT: 2 MILES SOUTH OF LUKERVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02GH002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CANARD RIVER

STORET CODE: 02
003
2700

STN NO: 2 LAT: LONG: U T M: 17 0333250.0 4669200.0 4 REGION: 01 MILEAGE: 7.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1600			.3		40012	4					1.2	3.9	1.7	0.194
22 02 78 1030			.3		40028	4	520.	80.	28.	4. L	0.1	3.2	1.8	0.196
13 03 78 1410			.3		40048	4	22000.	180.	190.	4. L	0.9	8.7	4.0	0.196
10 04 78 1340			.3		40073	6	9000.	440.	300.	10.	7.7	12.1	2.0	0.385
24 05 78 1315			.3		40099	6	10800.	76.	132.	4. L	19.8	8.9	2.8	0.182
12 06 78 1330			.3		40123	6	1500.	50.	150.	4. L	21.2	8.8	9.2	0.240
17 07 78 0952			.3		40154	6	300.	24.	68.	4. L	21.1	7.1	1.2	0.086
08 08 78 1237			.3		40181	6 9	20000.	16.	312.	8.	24.1	7.9	1.6	0.030
18 09 78 1415			.3		40207	6	8500.	160.	530.	520.	21.0	6.4	3.2	0.152
16 10 78 1400			.3		40238	9 6	6800.	280.	310.	28.	8.5	9.4	3.2	0.098
28 11 78 1330			.3		40269	6	670.	20.	160.	4. L	3.5	14.0	2.0	0.108
11 12 78 1230			.3		40289	4 0					0.5	12.8	2.2	0.170
MAXIMUM							22000.	440.	530.	520.	24.1	14.0	9.2	0.385
AVG OR GEOM MN (*)							3621.*	78.*	168.*	9.* D	10.8	8.6	2.9	0.170
MINIMUM							300.	16.	28.	4.	0.1	3.2	1.2	0.030
NO OF SAMPLES							10	10	10	10	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1600			.3		0.179	1.320	1.750	0.021	0.660	2.001	0.430	2.431	676.0	4.5
22 02 78 1030			.3		0.166	1.560	1.800	0.018	0.270	1.848	0.240	2.088	532.0	30.0
13 03 78 1410			.3		0.121	1.120	1.920	0.041	1.400	2.561	0.800	3.361	450.0	28.0
10 04 78 1340			.3		0.276	0.385	1.700	0.116	2.110	2.611	1.315	3.926	510.0	24.0
24 05 78 1315			.3		0.113	0.150	1.120	0.035	0.660	0.845	0.970	1.815	466.0	35.5
12 06 78 1330			.3		0.077	0.205	1.150	0.023	0.090	0.318	0.945	1.263	1112.0	56.0
17 07 78 0952			.3		0.025	0.130	0.540	0.007	0.010	0.147	0.410	0.557	2466.0	18.0
08 08 78 1237			.3		0.004	0.165	0.420	0.007	0.020	0.192	0.255	0.447	3268.0	20.0
18 09 78 1415			.3		0.055	0.470	0.880	0.039	0.490	0.999	0.410	1.409	2286.0	227.0
16 10 78 1400			.3		0.059	0.245	0.570	0.031	0.610	0.886	0.325	1.211	1854.0	49.0
28 11 78 1330			.3		0.059	0.045	0.720	0.016	0.700	0.761	0.675	1.436	740.0	4.0
11 12 78 1230			.3		0.088	0.065	1.050	0.033	8.100	8.198	0.985	9.183	548.0	16.0
MAXIMUM					0.276	1.560	1.920	0.116	8.100	8.198	1.315	9.183	3268.0	227.0
AVG OR GEOM MN (*)					0.102	0.488	1.135	0.032	1.260	1.781	0.647	2.427	1242.3	42.7
MINIMUM					0.004	0.045	0.420	0.007	0.010	0.147	0.240	0.447	450.0	4.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 1600			.3		672	980	9.00	82.0	7.65
22 02 78 1030			.3		502	790	19.00	62.0	7.27
13 03 78 1410			.3		422	690	29.00	70.0	7.34
10 04 78 1340			.3		486	431	240.00	20.5	7.79
24 05 78 1315			.3		431	625	33.00	36.5	8.11
12 06 78 1330			.3		1056	1240	80.00	100.0	8.13
17 07 78 0952			.3		2448	2730	26.00	280.0	7.84
08 08 78 1237			.3		3248	3510	6.80	360.0	7.89
18 09 78 1415			.3		2059	2300	170.00	245.0	
16 10 78 1400			.3		1805	1870	110.00	220.0	7.46
28 11 78 1330			.3		736	1060	7.20	137.0	7.91
11 12 78 1230			.3		532	775	36.00	82.0	7.66
MAXIMUM					3248	3510	240.00	360.0	8.13
AVG OR GEOM MN (*)					1200	1417	63.83	141.3	7.73
MINIMUM					422	431	6.80	20.5	7.27
NO OF SAMPLES					12	12	12	12	11

B.O.W./ SITE: CHIPPAWA CANAL
SAMPLE POINT. WHIRLPOOL ROAD, NIAGARA FALLS
STATION TYPE RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

STN NO: 1 LAT: LONG: U T M: 17 0656075.0 4776300.0 4 REGION: 02 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1320			.3		38334	6	15200.	1640.	560.	1.9	10.2	1.4	0.037	0.012
01 03 78 1000			.3		38382	6	800.	100.	100.	2.5	13.2	0.2	0.024	0.013
22 03 78 1405			.3		38422	3 0	38000.	1500. G	780.	2.0	10.4	2.6	0.151	0.045
20 04 78 1310			.3		38462	6	14000.	700.	1200.	3.0	12.7	0.8	0.045	0.020
25 05 78 1145			.3		38504	6	20.	10.	10.	11.5	14.7	1.0	0.036	0.006
19 06 78 1230			.3		38544	6	4600.	120.	30.	20.0	8.3	0.8	0.036	0.008
10 07 78 1320			.3		38586	6	2400.	140.	36.	22.0	8.5	1.0	0.024	0.002
28 08 78 1440			.3		38629	6	1400.	60.	140.	23.0	8.4	0.4	0.026	0.002
11 09 78 1100			.3		38670	6	1800.	48.	92.	22.0	7.2	0.2	0.037	0.006
31 10 78 1150			.3		38709	6	1700.	56.	8.	12.0	10.5	0.8	0.018	0.001
28 11 78 1345			.3		38734	6	470.	24.	516.	6.0	11.1	0.8	0.031	0.007
12 12 78 1210			.3		38772	6	910.	112.	270.	3.8	13.3	0.2	0.064	0.014
MAXIMUM							38000.	1640.	1200.	23.0	14.7	2.6	0.151	0.045
AVG OR GEOM MN (*)							1927.*	123.* U	119.*	10.8	10.7	0.9	0.044	0.011
MINIMUM							20.	10.	8.	1.9	7.2	0.2	0.018	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 02 78 1320			.3		0.314	0.650	0.003	0.402	0.719	0.336	1.055	212.0	6.8	205
01 03 78 1000			.3		0.160	0.500	0.006	0.304	0.470	0.340	0.810	205.0	2.0	203
22 03 78 1405			.3		0.274	1.060	0.016	0.534	0.824	0.786	1.610	240.0	64.0	176
20 04 78 1310			.3		0.520	0.92	0.004	0.650	1.174	0.400	1.574	197.	5.2	192
25 05 78 1145			.3		0.256	0.810	0.005	0.290	0.551	0.554	1.105	193.0	7.9	185
19 06 78 1230			.3		0.352	0.980	0.009	0.520	0.881	0.628	1.509	199.0	7.4	192
10 07 78 1320			.3		0.246	0.640	0.008	0.250	0.504	0.394	0.898	194.0	6.1	188
28 08 78 1440			.3		0.140	0.590	0.009	0.115	0.264	0.450	0.714	190.0	8.1	182
11 09 78 1100			.3		0.296	0.520	0.011	0.290	0.597	0.224	0.821	202.0	6.9	195
31 10 78 1150			.3		0.49	1.21	0.007	0.380	0.877	0.720	1.597	205.	5.2	200
28 11 78 1345			.3		0.240	0.67	0.005	0.285	0.530	0.430	0.960	210.	8.	202
12 12 78 1210			.3		0.590	1.34	0.007	0.858	1.455	0.750	2.205	236.	28.	208
MAXIMUM					0.590	1.34	0.016	0.858	1.455	0.786	2.205	240.0	64.0	208
AVG OR GEOM MN (*)					0.323	0.824	0.008	0.407	0.737	0.501	1.238	206.9	13.0	194
MINIMUM					0.140	0.500	0.003	0.115	0.264	0.224	0.714	190.0	2.0	176
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 02 78 1320			.3		315	6.00	22.5	26.5	0.35	4.7	99	7.45	0.370	1.0L
01 03 78 1000			.3		313	3.60	21.5	27.5	0.25	2.3	100	7.98	0.120	2.0
22 03 78 1405			.3		270	43.00	18.5	25.0	0.70	2.3	83	7.81	3.500	1.0L
20 04 78 1310			.3		295	2.6	19.5	26.5	0.20	0.9	93	8.18	0.18	1. L
25 05 78 1145			.3		284	3.50	20.5	26.5	0.15	0.0	88	8.48	0.220	1.0L
19 06 78 1230			.3		295	4.20	22.0	27.0	0.20	0.0	91	8.34	0.330	1.0L
10 07 78 1320			.3		290	3.20	20.5	26.0	2.70	0.0	91	8.46	0.350	1.0L
28 08 78 1440			.3		280	4.40	21.0	25.0	0.20	0.0	93.	8.44	0.270	1.0L
11 09 78 1100			.3		300	2.70	21.5	26.5	0.40	1.2	96	8.25	0.250	1.0L
31 10 78 1150			.3		310	2.8	21.5	28.0	0.10	2.0	97	8.17	0.07	1.
28 11 78 1345			.3		310	6.5	22.5	28.	0.20	1.7	96	7.86	0.45	2.
12 12 78 1210			.3		320	21.	23.	31.	0.1	9.0	100	8.08	1.1	1. L
MAXIMUM					320	43.00	23.	31.	2.70	9.0	100	8.48	3.500	2.0
AVG OR GEOM MN (*)					299	8.63	21.2	27.0	0.46	2.0	94	8.13	0.601	1.20
MINIMUM					270	2.6	18.5	25.0	0.10	0.0	83	7.45	0.07	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
02 02 78 1320			.3		123.0	37.00	10.00	10	1.55	9.20	51	0.016
01 03 78 1000			.3		132.0	39.00	8.50	5	1.40	11.00	27	0.006
22 03 78 1405			.3		113.0	33.00	7.50		2.10	10.00	78	0.100
20 04 78 1310			.3		121.	36.	7.5	5	1.35	10.	24	0.010
25 05 78 1145			.3		118.0	35.00	7.50	5	1.45	10.40	27	0.031
19 06 78 1230			.3		120.0	35.00	8.00	12	1.35	11.00	16	0.016
10 07 78 1320			.3		123.0	37.00	7.50	18	1.50	11.00	22	0.014
28 08 78 1440			.3		123.0	36.00	8.00	8	1.35	10.00	63	0.024
11 09 78 1100			.3		122.0	35.00	8.50	9	1.40	10.90	71	0.013
31 10 78 1150			.3		123.	36.	8.	6	1.40	11.	17	0.007
28 11 78 1345			.3		125.	37.	8.0	14	1.5	11.	43	0.013
12 12 78 1210			.3		123.	36.	8.	24	1.70	10.3	10L	0.032
MAXIMUM					132.0	39.00	10.00	24	2.10	11.00	78	0.100
AVG OR GEOM MN (*)					122.2	36.00	8.08	11	1.50	10.48	37D	0.024
MINIMUM					113.0	33.00	7.50	5	1.35	9.20	10	0.006
NO OF SAMPLES					12	12	12	11	12	12	12	12

STATION ID: 11-0001-003-02

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: AT MONTROSE BRIDGE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

MILEAGE: 8.80

STN NO: 3 LAT: LONG: U T M: 17 0652850.0 4767450.0 4 REGION: 02

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1210			.3		38335	6	6700.	580.	480.	2.0	7.9	5.5	0.111	0.051
01 03 78 1050			.3		38383	6	740.	200.	180.	2.5	12.7	0.2	0.092	0.076
22 03 78 1430			.3		38423	3 9	10400.	1500. G	1280.	2.0	8.6	4.8	0.490	0.160
20 04 78 1235			.3		38463	3	11700.	100. L	200.	5.3	13.2	0.4	0.110	0.063
25 05 78 1115			.3		38505	6 9	200.	20.	4.	16.0	13.0	1.4	0.440	0.205
19 06 78 1140			.3		38545	6 9	3900.	16.	20.	20.0	7.9	1.0	0.079	0.035
10 07 78 1245			.3		38587	6	100.	12.	36.	23.0	7.5	1.0	0.148	0.076
28 08 78 1300			.3		38630	8	10400.	68.	4. L	23.0	7.4	1.6	0.072	0.022
11 09 78 1125			.3		38671	8	11000.	216.	32.	22.0	6.3	1.8	0.104	0.061
31 10 78 1200			.3		38710	8	5500.	84.	96.	12.0	10.1	2.6	0.076	0.031
28 11 78 1210			.3		38735	6	1100.	10.	140.	3.9	10.9	1.6	0.100	0.039
12 12 78 1140			.3		38773	6	3200.	470.	340.	2.8	12.4		0.138	0.074
MAXIMUM							11700.	1500.	1280.	23.0	13.2	5.5	0.490	0.205
AVG OR GEOM MN (*)							2620.*	92.* E	76.* D	11.2	9.8	2.0	0.163	0.074
MINIMUM							100.	10.	4.	2.0	6.3	0.2	0.072	0.022
NO OF SAMPLES							12	12	12	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 02 78 1210			.3		2.900	5.750	0.021	2.380	5.301	2.850	8.151	264.0	5.8	258
01 03 78 1050			.3		0.320	7.200	0.018	1.350	1.688	6.880	8.568	245.0	2.5	243
22 03 78 1430			.3		0.510	3.100	0.047	0.928	1.485	2.590	4.075	312.0	180.0	132
20 04 78 1235			.3		6.20	7.65	0.025	4.50	10.725	1.450	12.175	249.	9.1	240
25 05 78 1115			.3		4.020	14.000	0.033	2.550	6.603	9.980	16.583	264.0	11.0	253
19 06 78 1140			.3		2.250	5.000	0.028	1.570	3.848	2.750	6.598	228.0	13.0	215
10 07 78 1245			.3		11.800	20.000	0.047	3.780	15.627	8.200	23.827	265.0	25.0	260
28 08 78 1300			.3		1.370	1.780	0.026	0.360	1.756	0.410	2.166	233.0	25.0	208
11 09 78 1125			.3		2.800	10.100	0.039	2.960	5.799	7.300	13.099	253.0	16.0	237
31 10 78 1200			.3		10.700	16.300	0.056	8.240	18.996	5.600	24.596	282.0	8.9	273
28 11 78 1210			.3		1.80	3.70	0.029	1.62	3.449	1.900	5.349	274.	14.	260
12 12 78 1140			.3		8.80	13.1	0.041	8.46	17.301	4.300	21.601			
MAXIMUM					11.800	20.000	0.056	8.46	18.996	9.980	24.596	312.0	180.0	273
AVG OR GEOM MN (*)					4.456	8.973	0.034	3.225	7.715	4.518	12.232	262.6	28.2	234
MINIMUM					0.320	1.780	0.018	0.360	1.485	0.410	2.166	228.0	2.5	132
NO OF SAMPLES					12	12	12	12	12	12	12	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
02 02 78 1210			.3		397	16.00	24.5	46.5	1.15	6.91	1.200	1.0L	17.	71
01 03 78 1050			.3		374	5.30	24.5	40.0	0.35	8.16	0.290	1.0L	4.0	21
22 03 78 1430			.3		203	140.00	11.0	26.0	1.25	7.42	9.000	1.0	12.0	50
20 04 78 1235			.3		370	9.2	21.5	41.5	0.25	8.16	0.55	1.	3.2	20
25 05 78 1115			.3		389	9.00	22.5	60.0	0.30	8.36	0.720	1.0L	6.0	35
19 06 78 1140			.3		330	11.00	22.5	37.5	0.25	8.31	0.770	1.0L	2.8	16
10 07 78 1245			.3		400	19.00	23.0	45.5	0.25	8.70	1.400	1.0L	5.4	28
28 08 78 1300			.3		320	14.00	24.0	32.5	0.35	8.32	1.600	1.0L	2.7	34
11 09 78 1125			.3		365	11.00	23.5	39.0	0.35	8.09	0.860	1.0L	5.1	53
31 10 78 1200			.3		420	6.70	24.0	47.5	0.25	8.09	0.480	1.0	4.8	26
28 11 78 1210			.3		400	34.	24.5	64.	1.25	7.72	1.9	1. L	7.4	66
12 12 78 1140			.3				22.	60.	1.5		2.5		7.4	66
MAXIMUM					420	140.00	24.5	64.	1.5	8.70	9.000	1.0	17.	71
AVG OR GEOM MN (*)					361	25.02	22.3	45.0	0.63	8.02	1.773	1.0D	6.5	41
MINIMUM					203	5.30	11.0	26.0	0.25	6.91	0.290	1.0	2.7	16
NO OF SAMPLES					11	11	12	12	12	11	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
02 02 78 1210			.3			0.001	0.040	0.06	0.010L	0.030L	0.005L	0.010L	0.020L
20 04 78 1235			.3		0	0.001	0.02 L	0.07	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
10 07 78 1245			.3		1	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.02 L
31 10 78 1200			.3		1	0.001	0.010L	0.04	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
MAXIMUM					1	0.001	0.040	0.07	0.010	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					1	0.001	0.025D	0.048D	0.010D	0.030D	0.005D	0.010D	0.020D
MINIMUM					0	0.001	0.010	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					3	4	4	4	4	4	4	4	4

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

STN NO: 5 LAT: LONG: U T M: 17 0645650.0 4765450.0 4 REGION: 02 MILEAGE: 14.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 02 78 1150			.3		38336	4	4200.	360.	290.	1.5	8.2	0.5	0.157	0.100
01 03 78 1105			.3		38384	6	2600.	1100.	100. L	0.8	13.2	0.2	0.041	0.023
22 03 78 1450			.3		38424	3 9 0	11400.	2700.	1130.	2.0	8.4	4.8	0.398	0.130
20 04 78 1220			.3		38464	3	11300.	900.	500.	6.6	11.3	0.8	0.116	0.043
25 05 78 1105			.3		38506	6	4800.	420.	110.	16.5	12.0	0.8	0.088	0.015
19 06 78 1120			.3		38546	6	12000.	230.	70.	19.0	8.4	1.4	0.066	0.012
10 07 78 1230			.3		38588	6	5700.	450.	116.	23.0	7.5	1.0	0.064	0.025
28 08 78 1240			.3		38631	6	14000.	1270.	156.	23.0	7.1	0.5	0.062	0.016
11 09 78 1140			.3		38672	6	15000.	420.	96.	22.0	6.4	0.2	0.056	0.010
31 10 78 1110			.3		38711	6	57000.	4000.	420.	10.8	9.7	1.0	0.062	0.028
28 11 78 1200			.3		38736	6 9	3800.	720.	270.	4.7	11.6	1.0	0.074	0.028
12 12 78 1125			.3		38774	6	3500.	640.	450.	2.7	12.3	0.6	0.108	0.060
MAXIMUM							57000.	4000.	1130.	23.0	13.2	4.8	0.398	0.130
AVG OR GEOM MN (*)							8046.*	766.*	217.* D	11.1	9.7	1.1	0.108	0.041
MINIMUM							2600.	230.	70.	0.8	6.4	0.2	0.041	0.010
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 02 78 1150			.3		0.238	0.600	0.012	0.460	0.710	0.362	1.072	235.0	6.2	229
01 03 78 1105			.3		0.174	0.480	0.010	0.360	0.544	0.306	0.850	226.0	2.4	224
22 03 78 1450			.3		0.580	2.240	0.044	0.846	1.470	1.660	3.130	281.0	164.0	117
20 04 78 1220			.3		0.384	0.96	0.029	0.610	1.023	0.576	1.599	245.	24.	221
25 05 78 1105			.3		0.204	1.020	0.026	1.400	1.630	0.816	2.446	266.0	22.0	244
19 06 78 1120			.3		0.206	0.620	0.012	0.235	0.453	0.414	0.867	217.0	19.0	198
10 07 78 1230			.3		0.294	0.680	0.014	0.250	0.558	0.386	0.944	229.0	24.0	205
28 08 78 1240			.3		0.176	0.580	0.013	0.090	0.279	0.404	0.683	225.0	22.0	203
11 09 78 1140			.3		0.328	0.430	0.016	0.240	0.584	0.102	0.686	228.0	20.0	208
31 10 78 1110			.3		0.271	0.80	0.022	0.470	0.763	0.529	1.292	249.	12.	237
28 11 78 1200			.3		0.150	0.70	0.014	0.516	0.680	0.550	1.230	238.	10.	228
12 12 78 1125			.3		0.142	0.88	0.028	1.27	1.440	0.738	2.178	245.		224
MAXIMUM					0.580	2.240	0.044	1.400	1.630	1.660	3.130	281.0	164.0	244
AVG OR GEOM MN (*)					0.262	0.833	0.020	0.562	0.845	0.570	1.415	240.3	29.6	212
MINIMUM					0.142	0.430	0.010	0.090	0.279	0.102	0.683	217.0	2.4	117
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 02 78 1150			.3		352	14.00	24.0	37.5	0.80	8.5	105	7.04	0.930	1.0L
01 03 78 1105			.3		344	5.20	24.0	34.5	0.40	3.7	107	7.83	0.480	1.0L
22 03 78 1450			.3		180	130.00	10.5	20.5	1.20	7.5	51	7.29	9.600	1.0
20 04 78 1220			.3		340	46.	20.0	46.0	0.65	1.2	98	8.09	2.8	1. L
25 05 78 1105			.3		376	17.00	23.0	60.0	0.35	4.2	100	7.74	2.100	1.0L
19 06 78 1120			.3		305	19.00	22.0	31.0	0.20	0.6	95	8.21	1.320	1.0L
10 07 78 1230			.3		315	21.00	22.0	32.5	0.30	0.6	96	8.20	1.500	1.0L
28 08 78 1240			.3		313	13.00	23.0	35.0	0.35	0.8	97	8.13	1.180	1.0L
11 09 78 1140			.3		320	13.00	23.0	32.5	0.30	1.2	99	8.06	0.930	1.0L
31 10 78 1110			.3		365	14.	22.0	48.5	1.10	2.8	108	8.01	0.88	1.
28 11 78 1200			.3		350	26.	22.5	48.	0.85	2.8	99	7.52	1.4	1.
12 12 78 1125			.3		365	41.		50.	1.50	11.8	96	7.80	5.0	1. L
MAXIMUM					376	130.00	24.0	60.0	1.50	11.8	108	8.21	9.600	1.0
AVG OR GEOM MN (*)					327	29.93	21.5	39.7	0.67	3.8	96	7.83	2.343	1.0D
MINIMUM					180	5.20	10.5	20.5	0.20	0.6	51	7.04	0.480	1.0
NO OF SAMPLES					12	12	11	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
02 02 78 1150			.3		144.0	41.00	10.00	30	2.25	12.00	42	0.078
01 03 78 1105			.3		144.0	42.00	9.50	15	1.80	13.00	31	0.060
22 03 78 1450			.3		72.0	19.60	5.50		4.40	6.00	48	0.240
20 04 78 1220			.3		150.	42.	11.	70G	3.55	12.5	24	0.058
25 05 78 1105			.3		162.0	46.00	11.50	50	3.05	13.00	39	0.066
19 06 78 1120			.3		127.0	37.00	8.50	26	1.70	12.00	14	0.044
10 07 78 1230			.3		134.0	39.00	9.00	50	2.15	12.00	26	0.042
28 08 78 1240			.3		139.0	39.00	10.00	10	1.95	11.00	47	0.044
11 09 78 1140			.3		130.0	38.00	8.50	8	1.70	12.00	57	0.029
31 10 78 1110			.3		151.	44.	10.	43	2.75	12.	26	0.032
28 11 78 1200			.3		148.	42.	10.5	70	3.1	11.	64	0.040
12 12 78 1125			.3		139.	39.	10.	330	3.55	9.7	31	0.060
MAXIMUM					162.0	46.00	11.50	330	4.40	13.00	64	0.240
AVG OR GEOM MN (*)					136.7	39.05	9.50	64U	2.66	11.35	37	0.066
MINIMUM					72.0	19.60	5.50	8	1.70	6.00	14	0.029
NO OF SAMPLES					12	12	12	11	12	12	12	12

```
                                                                                          STATION ID:   11-0001-006-02
 B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT NEW SYPHON CITY OF WELLAND                                                              STORET CODE: 02
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                                     004
                                                          MINOR BASIN: LAKE ONTARIO                                    5400
                                                          TERM STREAM: WELLAND RIVER

                                                                                                         MILEAGE:    18.40
STN NO:      6     LAT:               LONG:              U T M: 17 0642450.0 4761325.0 4    REGION: 02

                                    934        901       80         81         84       805        3          1        33       34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE         SCD    TOTAL      FECAL       M.F.    WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO             COLIFORM   COLIFORM    ENTER.    TEMP.       O2       BOD         P  REACTIVE
               FEET       MTRS                        MF/100ML   MF/100ML  MF/100ML    DEG C     MG/L      MG/L      MG/L    P MG/L

01 03 78 1215               .3      38386    4         2500.      600.      200.        0.8      13.0       0.4     0.325    0.235
22 03 78 1535               .3      38426    3 9       5900.      400.      550.        1.5       8.2       4.4     0.354    0.100
20 04 78 1055               .3      38466    6          210.       10.  L    10.        4.8      12.7       0.4     0.018    0.002
25 05 78 1015               .3      38508    6           20.        4.  L     4.  L    12.5      14.5       1.0     0.025    0.006
19 06 78 1010               .3      38548    6 9        260.        8.        4.       17.5       8.8       0.6     0.029    0.007
10 07 78 1155               .3      38590    6         1100.       36.       42.                            0.5     0.042    0.021
28 08 78 1100               .3      38633    6           30.        6.       16.       22.0       8.0       0.2     0.021    0.003
11 09 78 1225               .3      38674    6          550.       10.       26.       22.0       6.9       0.2     0.028    0.003

                         MAXIMUM                       5900.      600.      550.       22.0      14.5       4.4     0.354    0.235
               AVG OR GEOM MN (*)                      362.*      25.* D    27.* D     11.6      10.3       1.0     0.105    0.047
                         MINIMUM                        20.        4.        4.         0.8       6.9       0.2     0.018    0.002

                 NO OF SAMPLES                            8         8         8          7         7         8         8        8

                                    19        20        21         22        17        18        23         5         6      107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED   FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH     AMMONIA   KJELDAHL  NO2-N      NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET       MTRS       MG/L       MG/L  MG/L       MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

01 03 78 1215               .3      0.130     0.490     0.005      0.315     0.450     0.360     0.810     220.0       1.5      218
22 03 78 1535               .3      0.620     2.180     0.047      0.850     1.517     1.560     3.077     233.0     132.0      101
20 04 78 1055               .3      0.014     0.27      0.002      0.210     0.226     0.256     0.482     197.        4.9      192
25 05 78 1015               .3      0.036     0.340     0.004      0.136     0.176     0.304     0.480     192.0       6.6      185
19 06 78 1010               .3      0.028     0.310     0.007      0.220     0.255     0.282     0.537     200.0      11.0      189
10 07 78 1155               .3      0.034     0.310     0.008      0.200     0.242     0.276     0.518     200.0      12.0      188
28 08 78 1100               .3      0.034     0.310     0.007      0.070     0.111     0.276     0.387     192.0       7.4      185
11 09 78 1225               .3      0.028     0.070     0.006      0.065     0.099     0.042     0.141     206.0      11.0      195

                         MAXIMUM    0.620     2.180     0.047      0.850     1.517     1.560     3.077     233.0     132.0      218
               AVG OR GEOM MN (*)   0.116     0.535     0.011      0.258     0.385     0.420     0.804     205.0      23.3      182
                         MINIMUM    0.014     0.070     0.002      0.065     0.099     0.042     0.141     192.0       1.5      101

                 NO OF SAMPLES          8         8         8          8         8         8         8         8         8        8

                                    14        16        56         59       280        95        52        55       208       25
SAMP DTE HOUR  STN  STN SAMP  PJ   COND.     TURB.  CHLORIDE   SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL  PHENOLS
DY MO YR LMT   DIST BRG DEPTH        25C  FORMAZIN      MG/L             SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET       MTRS     UMHOS     UNITS                 MG/L  SI MG/L       MG/L      MG/L                MG/L      UG/L

01 03 78 1215               .3        336      4.50      23.0       33.0      0.40       4.6       106      7.76     0.260     1.0L
22 03 78 1535               .3        156    130.00       9.0       18.5      1.30       8.6        43      7.13     8.800     1.0
20 04 78 1055               .3        295      5.2       20.0       28.5      0.15       0.         94      8.32     0.20      1. L
25 05 78 1015               .3        285      4.40      20.5       27.5      0.10       0.0        89      8.63     0.260     1.0L
19 06 78 1010               .3        290      8.60      21.5       27.0      0.20       0.0        91      8.40     0.570     1.0L
10 07 78 1155               .3        290     10.00      21.0       27.0      0.15       0.0        91      8.39     0.630     1.0L
28 08 78 1100               .3        285      4.80      21.5       27.0      0.30       0.0        93      8.28     0.300     1.0L
11 09 78 1225               .3        300      7.50      21.5       26.5      0.25       0.0        95      8.26     0.460     1.0L



                         MAXIMUM      336    130.00      23.0       33.0      1.30       8.6       106      8.63     8.800     1.0
               AVG OR GEOM MN (*)     280     21.88      19.8       26.9      0.36       1.6        88      8.15     1.435     1.0D
                         MINIMUM      156      4.40       9.0       18.5      0.10       0.         43      7.13     0.20      1.0

                 NO OF SAMPLES          8         8         8          8         8         8         8         8         8        8

                                    76        72        74         68        67        66        41       201
SAMP DTE HOUR  STN  STN SAMP  PJ   CALCUL     TOTAL  TOT. MAG     COLOUR   PTSSIUM    SODIUM       COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH    HARDNESS   CALCIUM    NESIUM      HAZEN         K        NA                  MN
               FEET       MTRS       MG/L      MG/L      MG/L      UNITS      MG/L      MG/L      MG/L      MG/L

01 03 78 1215               .3      146.0     42.00     10.00         10      1.80     12.00        31     0.050
22 03 78 1535               .3       64.0     16.80      5.25                 4.90      5.00        50     0.230
20 04 78 1055               .3      121.      36.        7.5          10      1.35     10.2         22     0.008
25 05 78 1015               .3      118.0     35.00      7.50         10      1.40     10.40        16     0.012
19 06 78 1010               .3      121.0     36.00      7.50         12      1.30     11.00       10L     0.018
10 07 78 1155               .3      123.0     36.00      8.00         21      1.50     11.00        24     0.024
28 08 78 1100               .3      129.0     37.00      9.00          6      1.50      9.00        41     0.064
11 09 78 1225               .3      123.0     36.00      8.00          2      1.40     10.20        24     0.018

                         MAXIMUM    146.0     42.00     10.00         21      4.90     12.00        50     0.230
               AVG OR GEOM MN (*)   118.1     34.35      7.84         10      1.89      9.85       27D     0.053
                         MINIMUM     64.0     16.80      5.25          2      1.30      5.00        10     0.008

                 NO OF SAMPLES          8         8         8          7         8         8         8         8


                                                                                          STATION ID:   11-0001-007-02
 B.O.W./ SITE: WELLAND RIVER
 SAMPLE POINT: AT BRIDGE SOUTH OF WELLAND AIRPORT                                                         STORET CODE: 02
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                                     004
                                                          MINOR BASIN: LAKE ONTARIO                                    5400
                                                          TERM STREAM: WELLAND RIVER

                                                                                                         MILEAGE:    22.90
STN NO:      7     LAT:               LONG:              U T M: 17 0637150.0 4758850.0 4    REGION: 02

                                    934        901       80         81         84       805        3          1        33       34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE         SCD    TOTAL      FECAL       M.F.    WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO             COLIFORM   COLIFORM    ENTER.    TEMP.       O2       BOD         P  REACTIVE
               FEET       MTRS                        MF/100ML   MF/100ML  MF/100ML    DEG C     MG/L      MG/L      MG/L    P MG/L

02 02 78 1050               .3      38339    4         4700.      190.      710.        2.0       3.5       1.6     0.118    0.072
01 03 78 1200               .3      38387    4          400.      320.      230.        0.3       5.3       0.8     0.128    0.085
22 03 78 1555               .3      38427    3 9       3000.      220.     1270.        2.2       8.7       3.6     0.226    0.135
20 04 78 1040               .3      38467    3          500.       50.      340.        9.0      10.0       1.0     0.268    0.110
25 05 78 1005               .3      38509    6          150.       20.       28.       20.0      11.2       1.8     0.160    0.035
19 06 78 0950               .3      38549    6          800.       36.                 21.0       6.4       1.4     0.245    0.125
10 07 78 1140               .3      38591    6          500.       20.       36.       24.0       6.4       1.0     0.164    0.092
28 08 78 1035               .3      38634    8         2400.       24.       36.       23.0       6.6       1.5     0.140    0.056
11 09 78 1340               .3      38675    8          420.        4.       20.       22.0       6.8       0.4     0.136    0.054
31 10 78 1010               .3      38713    6         2500.      208.      228.        8.9       7.9       1.8     0.180    0.087
28 11 78 1100               .3      38738    6         3700.      420.      680.        1.3       9.6       2.8     0.234    0.108
12 12 78 1025               .3      38776    4         3700.     1300.     1120.        1.2      11.2       1.0     0.222    0.115

                         MAXIMUM                       4700.     1300.     1270.       24.0      11.2       3.6     0.268    0.135
               AVG OR GEOM MN (*)                      1158.*     83.*     185.*       11.2       7.8       1.6     0.185    0.090
                         MINIMUM                        150.        4.       20.        0.3       3.5       0.4     0.118    0.035

                 NO OF SAMPLES                           12        12        11         12        12        12        12       12

                                                                                                                     ( C O N T D ) .
```

```
                                                19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 02 78 1050              .3        0.304     1.170     0.027     0.930     1.261     0.866     2.127     306.0       7.1       299
01 03 78 1200              .3        0.288     1.140     0.024     1.220     1.532     0.852     2.384     367.0       7.7       359
22 03 78 1555              .3        0.440     1.680     0.045     0.770     1.255     1.240     2.495     138.0      48.0
20 04 78 1040              .3        0.104     1.28      0.053     1.13      1.287     1.176     2.463     309.       78.
25 05 78 1005              .3        0.116     1.370     0.016     0.210     0.342     1.254     1.596     400.0      41.0       359
19 06 78 0950              .3        0.126     1.450     0.155     0.615     0.896     1.324     2.220     434.0      82.0       352
10 07 78 1140              .3        0.054     1.140     0.030     0.590     0.674     1.086     1.760     384.0      40.0       344
28 08 78 1035              .3        0.030     1.200     0.004     0.005L    0.039     1.170     1.209     492.0      39.0       453
11 09 78 1340              .3        0.014     0.450     0.002     0.005     0.021     0.436     0.457     400.0      22.0       378
31 10 78 1010              .3        0.048     1.24      0.032     1.07      1.150     1.192     2.342     401.       28.        373
28 11 78 1100              .3        0.125     1.56      0.037     1.71      1.872     1.435     3.307     349.       15.        334
12 12 78 1025              .3        0.078     1.48      0.050     3.15      3.278     1.402     4.680

                      MAXIMUM        0.440     1.680     0.155     3.15      3.278     1.435     4.680     492.0      82.0       453
           AVG OR GEOM MN (*)        0.144     1.263     0.040     0.950D    1.134     1.119     2.253     361.8      37.1       361
                      MINIMUM        0.014     0.450     0.002     0.005     0.021     0.436     0.457     138.0       7.1       299

                NO OF SAMPLES           12        12        12        12        12        12        12        11        11         9

                                   107        14        16        56        59       280        95        52        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE  ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS     25C  FORMAZIN      MG/L            SILICATE  PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS     MG/L       UMHOS     UNITS                MG/L  SI MG/L     MG/L      MG/L                MG/L

02 02 78 1050              .3                  452     24.00      28.0      29.0      2.70      17.2       114      6.48     1.700
01 03 78 1200              .3                  525     19.00      28.0      98.0      3.00      15.5       139      7.31     2.700
22 03 78 1555              .3           90     138    100.00       7.6      17.5      1.35       8.3        38      7.04     6.000
20 04 78 1040              .3          231     355    140.        16.5      69.       1.50       2.3        95      7.88     8.40
25 05 78 1005              .3                  474     26.00      24.5     108.0      0.40       1.9       122      8.07     2.500
19 06 78 0950              .3                  465     91.00      24.5      88.0      1.25       3.9        95      7.94     2.750
10 07 78 1140              .3                  455     61.00      24.0      83.0      0.35       2.9       133      8.00     4.200
28 08 78 1035              .3                  580     25.00      40.0     123.0      0.60       2.4       132      8.05     1.820
11 09 78 1340              .3                  560     16.00      39.0     102.0      0.55       1.2       138      8.17     1.150
31 10 78 1010              .3                  475     40.        20.0      95.       3.85       6.4       133      7.71     2.1
28 11 78 1100              .3                  430     68.        22.5      91.       3.35       5.7        93      7.34     3.2
12 12 78 1025              .3          237                        17.       75.       3.60       3.5        82

                      MAXIMUM          237     580    140.        40.0     123.0      3.85      17.2       139      8.17     8.40
           AVG OR GEOM MN (*)          186     446     55.46      24.3      81.5      1.88       5.9       110      7.64     3.320
                      MINIMUM           90     138     16.00       7.6      17.5      0.35       1.2        38      6.48     1.150

                NO OF SAMPLES            3      11        11        12        12        12        12        12        11        11

                                    25        76        72        74        68        67        66        41       201
SAMP DTE HOUR  STN  STN SAMP  PJ  PHENOLS   CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH             HARDNESS   CALCIUM   NESIUM     HAZEN          K        NA                  MN
               FEET      MTRS       UG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L

02 02 78 1050              .3       1.0L     187.0     52.00     14.00       70G      4.95     16.00        71     0.296
01 03 78 1200              .3       1.0L     227.0     63.00     17.00       70G      4.90     17.00        58     0.530
22 03 78 1555              .3       1.0L      56.0     14.80      4.65                4.20      4.00        48     0.180
20 04 78 1040              .3       1. L     165.      44.       13.5        70G      7.5      10.2         50     0.130
25 05 78 1005              .3       1.0L     217.0     58.00     17.50       70G      5.05     14.00        62     0.102
19 06 78 0950              .3       1.0L     213.0     59.00     16.00      208       5.80     15.00        41     0.210
10 07 78 1140              .3       1.0L     214.0     60.00     15.50      195       6.00     15.00        46     0.110



28 08 78 1035              .3       1.0L     259.0     10.00     20.50                5.60     21.00        55     0.140
11 09 78 1340              .3       1.0L     236.0     64.00     18.50       39       5.45     22.00        46     0.063
31 10 78 1010              .3       1.       223.      63.       16.        222       6.6      11.          54     0.038
28 11 78 1100              .3       1. L     188.      49.       16.        183       7.8      10.          83     0.074
12 12 78 1025              .3       1. L     159.      43.       12.5                 8.0       9.0        51

                      MAXIMUM       1.0      259.0     64.00     20.50      222       8.0      22.00        83     0.530
           AVG OR GEOM MN (*)       1.0D     195.3     48.32     15.14      125U      5.99     13.68        55     0.170
                      MINIMUM       1.0       56.0     10.00      4.65       39       4.20      4.00        41     0.038

                NO OF SAMPLES         12        12        12        12         9        12        12        12        11
```

```
 B.O.W./ SITE: LITTLE CATARAQUI CREEK                                                       STATION ID:  12-0002-004-02
 SAMPLE POINT: HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                       MINOR BASIN: LAKE ONTARIO                                       004
                                                       TERM STREAM: LITTLE CATARAQUI CREEK                             0010

STN NO:      4    LAT:                 LONG:             U T M: 18 0377400.0 4900800.0 4    REGION: 04            MILEAGE:    2.70

                                  934        80        81        84        88       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH         NO  COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS             MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

09 01 78 1105              .3      28505   7100.      640.      364.      10.        0.0      13.0       1.0     0.168     0.040
06 02 78 1055              .3      28522    100.       72.       12.                 0.0       8.0       0.5     0.054     0.014
13 03 78 1050              .3      28538    900.      232.       60.                 0.0       6.0       0.5     0.086     0.028
04 04 78 1035              .3      28555    260.       20.       28.                 0.0      10.0       0.5     0.032     0.026
01 05 78 1050              .3      28572    470.       28.       16.                 7.0       9.0       0.5L    0.054     0.010
05 06 78 1050              .3      28589                                            17.0       7.0       1.5     0.160     0.042
04 07 78 1125              .3      28606  15000.  L   368.     7500.                22.0       7.0       1.5     0.124     0.052
01 08 78 1045              .3      28623    300.       72.      640.                20.0       4.0       0.5L              0.028
05 09 78 1100              .3      28640    900.      120.      960.                18.0       5.0       0.7     0.070     0.024
02 10 78 1020              .3      28657   1000.      220.      840.                12.0       5.0       0.6     0.144     0.064
06 11 78 1040              .3      28674    260.      136.      156.                10.0       8.0       0.9     0.094     0.010
04 12 78 1050              .3      28691   2500.      432.      920.                 1.0       9.0       0.8     0.062     0.026

                      MAXIMUM             15000.      640.     7500.      10.       22.0      13.0       1.5     0.168     0.064
           AVG OR GEOM MN (*)               866.* D   134.*     222.*     10.*       8.9       7.6       0.80    0.095     0.030
                      MINIMUM               100.       20.       12.      10.        0.0       4.0       0.5     0.032     0.010

                NO OF SAMPLES                 11        11        11         1        12        12        12        11        12
```

(C O N T D)

STATION ID: 12-0002-004-02

B.O.W./ SITE: LITTLE CATARAQUI CREEK
SAMPLE POINT: HIGHWAY 2. 1 MILE SOUTHEAST OF CATARAQUI
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
004
0010

STN NO: 4 LAT: LONG: U T M: 18 0377400.0 4900800.0 4 REGION: 04 MILEAGE: 2.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1105			.3		0.030	0.840	0.068	0.650	0.748	0.810	1.558	376.0	79.0	297
06 02 78 1055			.3		0.130	0.340	0.010	0.350	0.490	0.210	0.700	370.0	15.0L	
13 03 78 1050			.3		0.850	0.610	0.030	0.470	1.350	0.240	1.110	480.0	28.0	452
04 04 78 1035			.3		0.070	0.310	0.022	0.400	0.492	0.240	0.732	200.0	8.0	192
01 05 78 1050			.3		0.050	0.520	0.020	0.080	0.150	0.470	0.620	385.0	11.0	374
05 06 78 1050			.3		0.060	0.840	0.006	0.020	0.086	0.780	0.866		5.0L	
04 07 78 1125			.3		0.100	0.830	0.004	0.020L	0.124	0.730	0.854	320.0	13.0	307
01 08 78 1045			.3		0.080		0.022	0.040	0.142			400.0	14.0	386
05 09 78 1100			.3		0.020	0.780				0.760		320.0	16.0	304
02 10 78 1020			.3		0.020	0.820	0.002	0.020	0.042	0.800	0.842	410.0	20.0	390
06 11 78 1040			.3		0.04	0.56	0.004	0.02	0.064	0.520	0.584	310.	30.	280
04 12 78 1050			.3		0.050	0.530	0.012	0.490	0.552	0.480	1.032	400.0	20.0	380
MAXIMUM					0.850	0.840	0.068	0.650	1.350	0.810	1.558	480.0	79.0	452
AVG OR GEOM MN (*)					0.125	0.635	0.018	0.233D	0.385	0.549	0.890	361.0	21.6D	336
MINIMUM					0.020	0.310	0.002	0.020	0.042	0.210	0.584	200.0	5.0	192
NO OF SAMPLES					12	11	11	11	11	11	10	11	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1105			.3		250	385	29.00	27.5
06 02 78 1055			.3		364	560	4.50	35.0
13 03 78 1050			.3		494	760	4.30	79.0
04 04 78 1035			.3			355	4.20	24.0
01 05 78 1050			.3		345	530	6.50	47.0
05 06 78 1050			.3		315	485	14.00	40.0
04 07 78 1125			.3		338	520	4.50	46.0
01 08 78 1045			.3		351	540	8.70	42.0
05 09 78 1100			.3		351	540	6.10	39.0
02 10 78 1020			.3		377	580	15.00	51.0
06 11 78 1040			.3		351	540	21.	45.
04 12 78 1050			.3		442	680	17.00	87.0
MAXIMUM					494	760	29.00	87.0
AVG OR GEOM MN (*)					362	540	11.23	46.9
MINIMUM					250	355	4.20	24.0
NO OF SAMPLES					11	12	12	12

STATION ID: 12-0002-005-02

B.O.W./ SITE: LITTLE CATARAQUI CREEK
SAMPLE POINT: DIVISION STREET, KINGSTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
004
0010

STN NO: 5 LAT: LONG: U T M: 18 0380175.0 4905100.0 4 REGION: 04 MILEAGE: 6.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1130			.3		28506	7100.	76.	720.	4.	0.0	9.0	1.0	0.072	0.024
06 02 78 1130			.3		28523	110.	8.	16.		0.0	7.0	3.0	0.350	0.010
04 04 78 1100			.3		28556	160.	16.	28.		1.0	9.0	5.0	0.028	0.004
01 05 78 1115			.3		28573	200.	16.	64.		7.0	8.0	0.5L	0.036	0.010
05 06 78 1125			.3		28590					16.0	10.0	1.0	0.138	0.054
04 07 78 1245			.3		28607	15000. L	240.	460.		22.0	9.0	1.0	0.102	0.054
01 08 78 1110			.3		28624	1800.	152.	920.		18.0	6.0	0.5	0.094	0.052
05 09 78 1125			.3		28641	1100.	52.	600.		17.0	7.0	0.7	0.082	0.052
02 10 78 1100			.3		28658	920.	204.	680.		11.0	6.0	3.5	0.230	0.052
06 11 78 1105			.3		28675	170.	80.	236.		9.0	7.0	1.5	0.156	0.026
04 12 78 1110			.3		28692	1700.	160.	600. G		0.0	10.0	1.1	0.082	0.022
MAXIMUM						15000.	240.	920.	4.	22.0	10.0	5.0	0.350	0.054
AVG OR GEOM MN (*)						850.* D	61.*	235.* U	4.*	9.2	8.0	1.7D	0.125	0.033
MINIMUM						110.	8.	16.	4.	0.0	6.0	0.5	0.028	0.004
NO OF SAMPLES						10	10	10	1	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1130			.3		0.020	0.680	0.170	1.150	1.340	0.660	2.000	288.0	16.0	272
06 02 78 1130			.3		0.180	1.250	0.018	0.780	0.978	1.070	2.048	480.0	85.0	395
04 04 78 1100			.3		0.100	0.610	0.010	0.610	0.720	0.510	1.230	230.0	9.0	221
01 05 78 1115			.3		0.040	0.590	0.016	0.080	0.136	0.550	0.686	310.0	5.0	305
05 06 78 1125			.3		0.050	0.570	0.026	0.060	0.136	0.520	0.656	290.0	5.0L	
04 07 78 1245			.3		0.030	0.640	0.010	0.020L	0.060	0.610	0.670	360.0	16.0	344
01 08 78 1110			.3		0.030	0.460	0.046	0.190	0.266	0.430	0.696	410.0	14.0	396
05 09 78 1125			.3		0.030	0.610				0.580		340.0	9.0	331
02 10 78 1100			.3		0.010	0.900	0.002	0.160	0.172	0.890	1.062	430.0	20.0	410
06 11 78 1105			.3		0.05	0.73	0.028	0.14	0.218	0.680	0.898	370.	30.	340
04 12 78 1110			.3		0.060	0.720	0.032	0.550	0.642	0.660	1.302	340.0	24.0	316
MAXIMUM					0.180	1.250	0.170	1.150	1.340	1.070	2.048	480.0	85.0	410
AVG OR GEOM MN (*)					0.055	0.705	0.036	0.374D	0.467	0.651	1.125	349.8	21.2D	333
MINIMUM					0.010	0.460	0.002	0.020	0.060	0.430	0.656	230.0	5.0	221
NO OF SAMPLES					11	11	10	10	10	11	10	11	11	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	1130			.3		192	295	1.50	11.0
06 02 78	1130			.3		377	580	32.00	24.0
04 04 78	1100			.3			400	2.40	12.0
01 05 78	1115			.3		308	473	2.10	16.0
05 06 78	1125			.3		338	520	9.80	19.0
04 07 78	1245			.3		338	520	8.50	23.0
01 08 78	1110			.3		364	560	7.20	23.0
05 09 78	1125			.3		351	540	6.20	22.0
02 10 78	1100			.3		377	580	20.00	25.0
06 11 78	1105			.3		390	600	1.3	28.
04 12 78	1110			.3		338	520	6.30	22.0
MAXIMUM						390	600	32.00	28.
AVG OR GEOM MN (*)						337	508	8.85	20.5
MINIMUM						192	295	1.3	11.0
NO OF SAMPLES						10	11	11	11

B.O.W./ SITE: LITTLE CATARAQUI CREEK STATION ID: 12-0002-007-02
SAMPLE POINT: DOWNSTREAM FROM SEWAGE PUMPING STATION, LAPANS LANE, KINGSTON
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: LITTLE CATARAQUI CREEK 0010

STN NO: 7 LAT: LONG: U T M: 18 0379325.0 4902525.0 4 REGION: 04 MILEAGE: 4.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78	1245			.3		28507	15000. G	600. G	600. G	2. L	1.0	12.0	1.5	0.380	0.176
06 02 78	1245			.3		28524	240.	20.	12.		0.0	10.0	0.5L	0.042	0.016
13 03 78	1205			.3		28540	400.	24.	16.		0.0	11.0	1.0		0.006
04 04 78	1200			.3		28557	850.	44.	4.		3.0	10.0	0.5L	0.026	0.014
01 05 78	1200			.3		28574	480.	144.	4.		8.0	11.0	0.5L	0.034	0.004
05 06 78	1235			.3		28591					17.0	15.0	1.5	0.040	0.014
04 07 78	1305			.3		28608	8300.	40.	300.		25.0	17.0	1.0	0.050	0.008
01 08 78	1135			.3		28625	7500.	2400.	960.		23.0	13.0	3.0	0.146	0.054
05 09 78	1250			.3		28642	1000.	256.	1000.		19.0	7.0	0.8	0.056	0.018
02 10 78	1045			.3		28659	7800.	180.	1160.		12.0	6.0	1.9	0.092	0.042
06 11 78	1150			.3		28676	120.	4.	36.		11.0	6.0	0.6	0.062	0.006
04 12 78	1215			.3		28693	16000E+1	3500.	2000.		1.0	10.0	2.1	0.180	0.032
MAXIMUM							16000E+1	3500.	2000..	2.	25.0	17.0	3.0	0.380	0.176
AVG OR GEOM MN (*)							2187.* U	125.* U	115.* U	2.* D	10.0	10.7	1.20	0.101	0.033
MINIMUM							120.	4.	4.	2.	0.0	6.0	0.5	0.026	0.004
NO OF SAMPLES							11	11	11	1	12	12	12	11	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	P.I	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78	1245			.3		0.080	1.350	0.440	2.600	3.120	1.270	4.390	428.0	25.0	403
06 02 78	1245			.3		0.050	0.150	0.008	0.570	0.628	0.100	0.728	530.0	15.0L	
13 03 78	1205			.3		0.140	0.420	0.024	0.940	1.104	0.280	1.384	670.0	25.0	645
04 04 78	1200			.3		0.030	0.180	0.010	0.430	0.470	0.150	0.620	440.0	6.0	436
01 05 78	1200			.3		0.020	0.380	0.004	0.040	0.064	0.360	0.424	580.0	7.0	573
05 06 78	1235			.3		0.050	0.360	0.004	0.020L	0.074	0.310	0.384	360.0	11.0	349
04 07 78	1305			.3		0.010	0.620	0.002	0.020L	0.032	0.610	0.642	490.0	12.0	478
01 08 78	1135			.3		0.420	0.980	0.074	0.230	0.724	0.560	1.284	620.0	10.0	610
05 09 78	1250			.3		0.040	0.610				0.570		480.0	18.0	362
02 10 78	1045			.3		0.030	1.650	0.002	0.140	0.172	1.620	1.792	550.0	11.0	539
06 11 78	1150			.3		0.02	0.35	0.004	0.02	0.044	0.330	0.374	480.	9.	471
04 12 78	1215			.3		0.070	0.680	0.024	0.880	0.974	0.610	1.584	880.0	155.0	625
MAXIMUM						0.420	1.650	0.440	2.600	3.120	1.620	4.390	880.0	155.0	645
AVG OR GEOM MN (*)						0.080	0.644	0.054	0.535D	0.673	0.564	1.237	542.3	25.3D	499
MINIMUM						0.010	0.150	0.002	0.020	0.032	0.100	0.374	360.0	6.0	349
NO OF SAMPLES						12	12	11	11	11	12	11	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	1245			.3			580	16.00	69.0
06 02 78	1245			.3		533	820	5.00	85.0
13 03 78	1205			.3		744	1140	8.00	212.0
04 04 78	1200			.3			800	2.50	125.0
01 05 78	1200			.3		588	905	4.00	154.0
05 06 78	1235			.3		377	580	13.00	89.0
04 07 78	1305			.3		507	780	6.90	68.0
01 08 78	1135			.3		507	780	6.50	77.0
05 09 78	1250			.3		494	760	9.20	68.0
02 10 78	1045			.3		495	760	15.00	67.0
06 11 78	1150			.3		520	800	4.2	68.
04 12 78	1215			.3		832	1280	170.00	290.0
MAXIMUM						832	1280	170.00	290.0
AVG OR GEOM MN (*)						560	832	21.69	114.3
MINIMUM						377	580	2.50	67.0
NO OF SAMPLES						10	12	12	12

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS

                                                                                    STATION ID:   12-0004-001-02

B.O.W./ SITE: CATARAQUI RIVER                                                                STORET CODE: 02
SAMPLE POINT: HIGHWAY 2. KINGSTON (CENTRE)                                                                005
STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                                 1770
                                                 MINOR BASIN: ST. LAWRENCE RIVER
                                                 TERM STREAM: CATARAQUI RIVER

                                                 U T M: 18 0382200.0 4890750.0 4    REGION: 04      MILEAGE:     0.50
STN NO:       1     LAT:                LONG:

                                         934       80        81        84        88       805        3         1         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.    5-DAY     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH             NO  COLIFORM  COLIFORM    ENTER.      MPA    TEMP.        02      BOD    SOLIDS    SOLIDS
                FEET      MTRS                 MF/100ML  MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L      MG/L      MG/L

09 01 78 1340               .3         28509    5900.     720.      308.      14.       0.0      10.0
06 02 78 1330               .3         28526      60.       8.       12.                0.0      12.0      0.5                15.0L
13 03 78 1305               .3         28542     290.     156.       56.                0.0      10.0      2.0      190.0     20.0
04 04 78 1250               .3         28559     280.      40.       24.                1.0      12.0      1.0      150.0      5.0
01 05 78 1250               .3         28576      30.       4.  L     4.  L             7.0      12.0      1.5      130.0      5.0L
05 06 78 1345               .3         28593                                           16.0      12.0      1.5                16.0
04 07 78 1400               .3         28610     340.       4.  L    80.               20.0      12.0      1.5                15.0
01 08 78 1230               .3         28627      20.       8.        4.  L            21.0       9.0      0.5L                7.0
05 09 78 1340               .3         28644     100.       4.  L     4.  L            21.0       9.0      1.8                 6.0
02 10 78 1145               .3         28661     460.       4.  L     4.               14.0       8.0      0.2L                4.0
07 11 78 1235               .3         28678      80.       4.        4.               10.0       9.0      0.9                 5.
04 12 78 1310               .3         28695     380.      32.       16.                1.0       9.0

                     MAXIMUM                        5900.     720.      308.      14.      21.0      12.0      2.0      190.0     20.0
            AVG OR GEOM MN (*)                      184.*     15.* D    15.* D    14.*      9.3      10.3      1.1D     156.7      9.8D
                     MINIMUM                         20.       4.        4.      14.        0.0       8.0      0.2      130.0      4.0

                NO OF SAMPLES                        11        11        11        1        12        12       10         3        10

                                           7       107        14        16        55        25        47       41
SAMP DTE HOUR   STN  STN SAMP  PJ      DISS.    CALCUL     COND.     TURB.        PH   PHENOLS   ORGANIC      COD
DY MO YR LMT    DIST BRG DEPTH        SOLIDS  D-SOLIDS       25C  FORMAZIN    AT LAB             C AS C
                FEET      MTRS          MG/L  MG/L         UMHOS     UNITS                UG/L      MG/L     MG/L

06 02 78 1330               .3                     153       235      1.70      7.50      1.0       6.0      20L
13 03 78 1305               .3           170       156       240      7.70      7.40      1.0L     12.0      31
04 04 78 1250               .3           145                 230      3.20      8.10      1.0L      4.3      34
01 05 78 1250               .3                     125       192      3.00      8.00      1.0L               20
05 06 78 1345               .3                     169       260      5.40      7.90      1.0L      4.7      20L
04 07 78 1400               .3                     201       310      3.10      8.10      1.0L      3.2      20L
01 08 78 1230               .3                     205       315      3.80      8.00      3.0       3.4      22
05 09 78 1340               .3                     163       250      4.60      8.30      1.0L      4.4      52
02 10 78 1145               .3                     192       295      2.80      8.00      1.0       3.2      20L
07 11 78 1235               .3                     189       290      2.2       8.0       2.        3.8
04 12 78 1310               .3                                                          1.0L      3.8

                     MAXIMUM             170       205       315      7.70      8.30      3.0      12.0      52
            AVG OR GEOM MN (*)           158       173       262      3.75      7.93      1.3D      4.9      27D
                     MINIMUM             145       125       192      1.70      7.40      1.0       3.2      20

                NO OF SAMPLES              2         9        10        10        10        11        10        9
```

```
                                                                                    STATION ID:   12-0004-001-83

B.O.W./ SITE: CATARAQUI RIVER                                                                STORET CODE: 02
SAMPLE POINT: HIGHWAY 2 KINGSTON                                                                          005
STATION TYPE: RIVER COMPOSITE                    MAJOR BASIN: GREAT LAKES                                 1770
                                                 MINOR BASIN: ST LAWRENCE RIVER
                                                 TERM STREAM: CATARAQUI RIVER

                                                 U T M: 18 0382200.0 4890750.0 4    REGION: 04      MILEAGE:     0.50
STN NO:       1     LAT:                LONG:

                                         934      901        80        81        84       805        3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.    WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO           COLIFORM  COLIFORM    ENTER.    TEMP.        02      BOD         P  REACTIVE
                FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L     MG/L      MG/L    P MG/L

12 04 78 1030               .3         25367               320.     124.       60.       3.5      10.6      0.2     0.036     0.004
16 05 78 1600               .3         25379                                            14.8      10.4      1.8     0.029     0.002
27 06 78 1430               .3         25459                44.       8.        4.  L   18.4       9.0      0.4     0.029     0.005
13 07 78 1440               .3         26299                10.  L    4.  L     4.      21.8       9.1
29 08 78 1410               .3         25500               740.      24.       20.                          1.0     0.077     0.026
27 09 78 1410               .3         25526       6        60.       4.  L     4.  L                       0.2     0.068     0.024
31 10 78 1500               .3         25554               640.       8.        4.      10.0      11.2      0.2     0.038     0.001

                     MAXIMUM                               740.     124.       60.      21.8      11.2      1.8     0.077     0.026
            AVG OR GEOM MN (*)                             126.* D   12.* D     8.* D   13.7      10.1      0.6     0.046     0.010
                     MINIMUM                                10.       4.        4.       3.5       9.0      0.2     0.029     0.001

                NO OF SAMPLES                                6         6         6        5         5        6         6         6

                                          19        20        21        22        17        18        23        5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.   CALCUL
DY MO YR LMT    DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L     MG/L      MG/L  MG/L

12 04 78 1030               .3         0.038     0.440     0.005     0.390     0.433     0.402     0.835    139.0       8.9      130
16 05 78 1600               .3         0.056     0.500     0.004     0.075     0.135     0.444     0.579    162.0       6.1      156
27 06 78 1430               .3         0.090     0.420     0.004     0.075     0.169     0.330     0.499    199.0       4.2      195
29 08 78 1410               .3         0.120     0.590     0.012     0.010     0.142     0.470     0.612    185.0       5.7      179
27 09 78 1410               .3         0.064     0.490     0.006     0.020     0.090     0.426     0.516    196.0       7.9      188
31 10 78 1500               .3         0.021     0.510     0.004     0.090     0.115     0.489     0.604    185.0       6.0      179

                     MAXIMUM           0.120     0.590     0.012     0.390     0.433     0.489     0.835    199.0       8.9      195
            AVG OR GEOM MN (*)         0.065     0.492     0.006     0.110     0.181     0.427     0.608    177.7       6.5      171
                     MINIMUM           0.021     0.420     0.004     0.010     0.090     0.330     0.499    139.C       4.2      130

                NO OF SAMPLES              6         6         6         6         6         6         6        6         6        6
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN STN SAMP PJ DIST BRG DEPTH FEET MTRS	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
12 04 78 1030	.3	200	5.50	6.2	12.5	1.30	7.39	0.300	1.0L	4.4	16
16 05 78 1600	.3	240	2.40	11.5	8.0	0.35	8.15	0.140	1.0	4.0	10L
27 06 78 1430	.3	300	2.20	23.5	24.5	0.35	8.27	0.050		3.0	20
13 07 78 1440	.3									3.0	20
29 08 78 1410	.3	275	3.80	21.5						3.0	20
27 09 78 1410	.3	290	2.90	24.5	26.5	0.30	8.14	0.240	1.0L	2.8	17
31 10 78 1500	.3	275	4.60	21.0	24.0	0.25	8.07	0.230	1.0	4.2	29
MAXIMUM		300	5.50	24.5	26.5	1.30	8.27	0.300	1.0	4.4	29
AVG OR GEOM MN (*)		263	3.57	18.0	19.1	0.51	8.00	0.192	1.0D	3.5	19D
MINIMUM		200	2.20	6.2	8.0	0.25	7.39	0.050	1.0	2.8	10
NO OF SAMPLES		6	6	6	5	5	5	5	4	7	7

SAMP DTE HOUR DY MO YR LMT	STN STN SAMP PJ DIST BRG DEPTH FEET MTRS	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
12 04 78 1030	.3	0	0.001		0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
16 05 78 1600	.3	2	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.010	0.020L
31 10 78 1500	.3	1	0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
MAXIMUM		2	0.001	0.030	0.020	0.010	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)		1	0.001	0.025D	0.020D	0.010D	0.030D	0.005D	0.010D	0.020D
MINIMUM		0	0.001	0.020	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES		3	3	2	3	3	3	3	3	3

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT DAM, KINGSTON MILLS
STATION TYPE: RIVER

STATION ID: 12-0004-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO: 2 LAT: LONG: U T M: 18 0385025.0 4905300.0 4 REGION: 04 MILEAGE: 5.10

SAMP DTE HOUR DY MO YR LMT	STN STN SAMP PJ DIST BRG DEPTH FEET MTRS	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1310	.3	28508	30.	4. L	4. L	2. L	0.0	10.0	0.5L	0.022	0.012
06 02 78 1305	.3	28525	10. L	4. L	4.		0.0	12.0	0.5	0.042	0.020
13 03 78 1230	.3	28541	25. L	4. L	4. L		0.0	10.0	0.5	0.032	0.024
04 04 78 1225	.3	28558	40.	4. L	40.		1.0	11.0	0.5	0.040	0.044
01 05 78 1225	.3	28575	10. L	4. L	4. L		8.0	12.0	1.0	0.034	0.006
05 06 78 1300	.3	28592					20.0	9.0	0.5L	0.040	0.010
04 07 78 1330	.3	28609	1600.	4. L	100.		24.0	11.0	14.0	0.160	0.004
01 08 78 1200	.3	28626	10.	4. L	4. L		23.0	8.0	2.0	0.076	0.044
05 09 78 1315	.3	28643	10.	4. L	8.		20.0	8.0	2.2	0.086	0.010
02 10 78 1120	.3	28660	100. L	4.	4.		13.0	8.0	1.3	0.018	0.006
06 11 78 1210	.3	28677	10. L	4. L	4. L		9.0	8.0			
04 12 78 1245	.3	28694	10.	4. L	4. L		0.0	9.0	1.1	0.048	0.014
MAXIMUM			1600.	4.	100.	2.	24.0	12.0	14.0	0.160	0.044
AVG OR GEOM MN (*)			27.* D	4.* D	7.* D	2.* D	9.8	9.7	2.2D	0.054	0.018
MINIMUM			10.	4.	4.	2.	0.0	8.0	0.5	0.018	0.004
NO OF SAMPLES			11	11	11	1	12	12	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN STN SAMP PJ DIST BRG DEPTH FEET MTRS	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1310	.3	0.020	0.520	0.080	0.380	0.480	0.500	0.980	210.0	1.0	209
06 02 78 1305	.3	0.070	0.330	0.006	0.110	0.186	0.260	0.446		15.0L	
13 03 78 1230	.3	0.080	0.440	0.006	0.210	0.296	0.360	0.656	150.0	2.0	148
04 04 78 1225	.3	0.090	0.400	0.036	0.300	0.426	0.310	0.736	130.0	5.0	125
01 05 78 1225	.3	0.080	0.560	0.006	0.020L	0.106	0.480	0.586		5.0L	
05 06 78 1300	.3	0.060	0.470	0.002			0.410			6.0	
04 07 78 1330	.3	0.070	4.300	0.002	0.020L	0.092	4.230	4.322		35.0	
01 08 78 1200	.3	0.370	0.640	0.008	0.020L	0.398	0.270	0.668		8.0	
05 09 78 1315	.3	0.010	1.250				1.240			6.0	
02 10 78 1120	.3	0.010	0.270	0.066	0.130	0.206	0.260	0.466		5.0	
04 12 78 1245	.3	0.130	0.840	0.004	0.120	0.254	0.710	0.964		5.0	
MAXIMUM		0.370	4.300	0.080	0.380	0.480	4.230	4.322	210.0	35.0	209
AVG OR GEOM MN (*)		0.090	0.911	0.022	0.140D	0.272	0.821	1.092	163.3	8.5D	161
MINIMUM		0.010	0.270	0.002	0.020	0.092	0.260	0.446	130.0	1.0	125
NO OF SAMPLES		11	11	10	9	9	11	9	3	11	3

SAMP DTE HOUR DY MO YR LMT	STN STN SAMP PJ DIST BRG DEPTH FEET MTRS	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1310	.3	143	220	1.60	6.0
06 02 78 1305	.3	146	225	1.50	7.5
13 03 78 1230	.3	143	220	1.50	6.0
04 04 78 1225	.3		215	3.60	7.0
01 05 78 1225	.3	119	183	1.90	4.5
05 06 78 1300	.3	133	205	3.00	5.2
04 07 78 1330	.3	133	205	34.00	6.0
01 08 78 1200	.3	107	165	3.50	5.5
05 09 78 1315	.3	110	170	3.70	6.0
02 10 78 1120	.3	114	175	3.50	6.0
04 12 78 1245	.3	146	225	3.00	7.5
MAXIMUM		146	225	34.00	7.5
AVG OR GEOM MN (*)		129	201	5.53	6.1
MINIMUM		107	165	1.50	4.5
NO OF SAMPLES		10	11	11	11

STATION ID: 12-0004-004-02

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: JONES FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO: 4 LAT: LONG: U T M: 18 0401700.0 4932950.0 4 REGION: 04 MILEAGE: 35.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1000			.3		28514	10. L	4. L	16.	2. L	0.0	13.0	0.5	0.016	0.006
07 02 78 1010			.3		28531	4. L	4. L	4. L		0.0	12.0	0.5	0.024	0.010
14 03 78 0905			.3		28547	10. L	4. L	4. L		2.0	9.0			
05 04 78 0905			.3		28564	10. L	4. L	4. L		2.0	11.0	0.5	0.020	0.014
02 05 78 0905			.3		28581	4. L	4. L	4. L		5.0	11.0	1.5	0.022	0.006
06 06 78 0925			.3		28598	10. L	4. L	4. L		21.0	10.0	0.5	0.022	0.004
05 07 78 0935			.3		28615					24.0	8.0	1.5	0.022	0.002
02 08 78 0910			.3		28632	10.	4. L	12.		23.0	9.0	0.5L	0.022	0.008
06 09 78 0915			.3		28649	10. L	4. L	4. L		21.0	8.0	0.2L	0.026	0.006
03 10 78 0920			.3		28666	10.	4. L	4. L		13.0	9.0	0.5	0.016	0.010
07 11 78 1005			.3		28683	10.	4. L	4. L		8.0	10.6	0.6	0.050	0.026
05 12 78 0925			.3		28700	10. L	4. L	4. L		0.0	11.0		0.022	0.010
MAXIMUM						10.	4.	16.	2.	24.0	13.0	1.5	0.050	0.026
AVG OR GEOM MN (*)						8.* D	4.* D	5.* D	2.* D	9.9	10.1	0.7D	0.024	0.009
MINIMUM						4.	4.	4.	2.	0.0	8.0	0.2	0.016	0.002
NO OF SAMPLES						11	11	11	1	12	12	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 01 78 1000			.3		0.050	0.280	0.008	0.030	0.088	0.230	0.318	192.0	1.0	191
07 02 78 1010			.3		0.070	0.260	0.006	0.050	0.126	0.190	0.316		15.0L	
05 04 78 0905			.3		0.080	0.360	0.002	0.100	0.182	0.280	0.462	100.0	1.0	99
02 05 78 0905			.3		0.060	0.630	0.004	0.020	0.084	0.570	0.654		5.0L	
06 06 78 0925			.3		0.050	0.420	0.002	0.020L	0.072	0.370	0.442		10.0	
05 07 78 0935			.3		0.010	0.220	0.002	0.020L	0.032	0.210	0.242		5.0L	
02 08 78 0910			.3		0.080	0.440	0.002	0.020L	0.102	0.360	0.462		2.0	
06 09 78 0915			.3		0.010	0.500				0.490			5.0L	
03 10 78 0920			.3		0.050	0.350	0.006	0.020L	0.076	0.300	0.376	105.0	5.0L	
07 11 78 1005			.3		0.050	0.440	0.002	0.020L	0.072	0.390	0.462		5.0L	
05 12 78 0925			.3		0.120	0.620	0.002	0.060	0.182	0.500	0.682		5.0L	
MAXIMUM					0.120	0.630	0.008	0.100	0.182	0.570	0.682	192.0	15.0	191
AVG OR GEOM MN (*)					0.057	0.411	0.004	0.036D	0.102	0.354	0.442	132.3	5.4D	145
MINIMUM					0.010	0.220	0.002	0.020	0.032	0.190	0.242	100.0	1.0	99
NO OF SAMPLES					11	11	10	10	10	11	10	3	11	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1000			.3		130	200	0.60	7.0
07 02 78 1010			.3		130	200	1.20	8.0
05 04 78 0905			.3			205	0.60	6.0
02 05 78 0905			.3		118	182	0.90	4.0
06 06 78 0925			.3		120	185	1.10	4.0
05 07 78 0935			.3		117	180	2.10	4.5
02 08 78 0910			.3		117	180	1.70	4.3
06 09 78 0915			.3		117	180	0.75	
03 10 78 0920			.3		68	180	0.75	5.0
07 11 78 1005			.3		120	185	1.00	4.8
05 12 78 0925			.3		127	195	1.20	6.5
MAXIMUM					130	205	2.10	8.0
AVG OR GEOM MN (*)					116	188	1.08	5.4
MINIMUM					68	180	0.60	4.0
NO OF SAMPLES					10	11	11	10

STATION ID: 12-0004-005-02

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT BRIDGE TO BELL ISLAND, KINGSTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO: 5 LAT: LONG: U T M: 18 0382400.0 4900350.0 4 REGION: 04 MILEAGE: 1.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L
01 05 78 1315			.3		28577	20.	4. L	4.	7.0	11.0
05 06 78 1425			.3		28594				18.0	10.0
04 07 78 1435			.3		28611	10000.	4.	20.	25.0	9.0
01 08 78 1250			.3		28628	500.	12.	188.	23.0	11.0
05 09 78 1405			.3		28645	600.	8.	128.	22.0	9.0
02 10 78 1205			.3		28662	200.	4.	2040.	13.0	6.0
06 11 78 1300			.3		28679	700.	100.	10. L	12.0	8.0
04 12 78 1335			.3		28696	530.	16.	720.	0.0	12.0
MAXIMUM						10000.	100.	2040.	25.0	12.0
AVG OR GEOM MN (*)						461.*	10.* D	83.* D	15.0	9.5
MINIMUM						20.	4.	4.	0.0	6.0
NO OF SAMPLES						7	7	7	8	8

```
                                        14        16       56        59       280        55       208       25        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON             C AS C
               FEET       MTRS       UMHOS     UNITS                MG/L  SI MG/L                 MG/L      UG/L      MG/L      MG/L

12 04 78 1030               .3         200      5.50       6.2      12.5      1.30      7.39     0.300      1.0L       4.4        16
16 05 78 1600               .3         240      2.40      11.5       8.0      0.35      8.15     0.140      1.0        4.0       10L
27 06 78 1430               .3         300      2.20      23.5      24.5      0.35      8.27     0.050                 3.0        20
13 07 78 1440               .3                                                                                        3.0        20
29 08 78 1410               .3         275      3.80      21.5                                                        3.0        20
27 09 78 1410               .3         290      2.90      24.5      26.5      0.30      8.14     0.240      1.0L       2.8        17
31 10 78 1500               .3         275      4.60      21.0      24.0      0.25      8.07     0.230      1.0        4.2        29

                       MAXIMUM         300      5.50      24.5      26.5      1.30      8.27     0.300      1.0        4.4        29
          AVG OR GEOM MN (*)           263      3.57      18.0      19.1      0.51      8.00     0.192      1.0D       3.5       19D
                       MINIMUM         200      2.20       6.2       8.0      0.25      7.39     0.050      1.0        2.8        10

                 NO OF SAMPLES           6         6         6         5         5         5         5         4         7         7

                                       361       265       235       221       225       229       215       249       238
SAMP DTE HOUR  STN  STN SAMP  PJ   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL
               FEET       MTRS        MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

12 04 78 1030               .3           0     0.001              0.020L    0.010L    0.030L    0.005L    0.010L    0.020L
16 05 78 1600               .3           2     0.001    0.030L    0.020L    0.010L    0.030L    0.005L    0.010     0.020L
31 10 78 1500               .3           1     0.001    0.020L    0.020L    0.010L    0.030L    0.005L    0.010L    0.020L

                       MAXIMUM           2     0.001    0.030     0.020     0.010     0.030     0.005     0.010     0.020
          AVG OR GEOM MN (*)             1     0.001    0.025D    0.020D    0.010D    0.030D    0.005D    0.010D    0.020D
                       MINIMUM           0     0.001    0.020     0.020     0.010     0.030     0.005     0.010     0.020

                 NO OF SAMPLES           3         3         2         3         3         3         3         3         3


 B.O.W./ SITE: CATARAQUI RIVER                                                       STATION ID:  12-0004-002-02
 SAMPLE POINT: AT DAM, KINGSTON MILLS
 STATION "YPE: RIVER                                     MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                         MINOR BASIN: ST. LAWRENCE RIVER                               005
                                                         TERM STREAM: CATARAQUI RIVER                                  1770

STN NO:      2    LAT:                 LONG:             U T M: 18 0385025.0 4905300.0 4    REGION: 04          MILEAGE:    5.10

                                       934        80        81        84        88       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO  COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P  REACTIVE
               FEET       MTRS             MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L   P MG/L

09 01 78 1310               .3       28508     30.       4.  L     4.  L     2.  L     0.0      10.0      0.5L     0.022     0.012
06 02 78 1305               .3       28525     10.  L    4.  L     4.                  0.0      12.0      0.5      0.042     0.020
13 03 78 1230               .3       28541     25.  L    4.  L     4.  L               0.0      10.0      0.5      0.032     0.024
04 04 78 1225               .3       28558     40.       4.  L    40.                  1.0      11.0      0.5      0.040     0.044
01 05 78 1225               .3       28575     10.  L    4.  L     4.  L               8.0      12.0      1.0      0.034     0.006
05 06 78 1300               .3       28592                                            20.0       9.0      0.5L     0.040     0.010
04 07 78 1330               .3       28609   1600.       4.  L   100.                 24.0      11.0     14.0      0.160     0.004
01 08 78 1200               .3       28626     10.       4.  L     4.  L              23.0       8.0      2.0      0.076     0.044
05 09 78 1315               .3       28643     10.       4.  L     8.                 20.0       8.0      2.2      0.086     0.010
02 10 78 1120               .3       28660    100.  L    4.        4.                 13.0       8.0      1.3      0.018     0.006
06 11 78 1210               .3       28677     10.  L    4.  L     4.  L               9.0       8.0




04 12 78 1245               .3       28694     10.       4.  L     4.  L               0.0       9.0      1.1      0.048     0.014

                       MAXIMUM               1600.       4.      100.        2.       24.0      12.0     14.0      0.160     0.044
          AVG OR GEOM MN (*)                   27.* D    4.* D     7.* D     2.* D     9.8       9.7      2.2D     0.054     0.018
                       MINIMUM                 10.       4.        4.        2.        0.0       8.0      0.5      0.018     0.004

                 NO OF SAMPLES                    11        11        11         1        12        12        11        11        11

                                        19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

09 01 78 1310               .3       0.020     0.520     0.080     0.380     0.480     0.500     0.980     210.0       1.0       209
06 02 78 1305               .3       0.070     0.330     0.006     0.110     0.186     0.260     0.446               15.0L
13 03 78 1230               .3       0.080     0.440     0.006     0.210     0.296     0.360     0.656     150.0       2.0       148
04 04 78 1225               .3       0.090     0.400     0.036     0.300     0.426     0.310     0.736     130.0       5.0       125
01 05 78 1225               .3       0.080     0.560     0.006     0.020L    0.106     0.480     0.586                 5.0L
05 06 78 1300               .3       0.060     0.470     0.002                         0.410                           6.0
04 07 78 1330               .3       0.070     4.300     0.002     0.020L    0.092     4.230     4.322                35.0
01 08 78 1200               .3       0.370     0.640     0.008     0.020L    0.398     0.270     0.668                 8.0
05 09 78 1315               .3       0.010     1.250                                   1.240                           6.0
02 10 78 1120               .3       0.010     0.270     0.066     0.130     0.206     0.260     0.466                 5.0
04 12 78 1245               .3       0.130     0.840     0.004     0.120     0.254     0.710     0.964                 5.0

                       MAXIMUM       0.370     4.300     0.080     0.380     0.480     4.230     4.322     210.0      35.0       209
          AVG OR GEOM MN (*)         0.090     0.911     0.022     0.146D    0.272     0.821     1.092     163.3      8.50       161
                       MINIMUM       0.010     0.270     0.002     0.020     0.092     0.260     0.446     130.0       1.0       125

                 NO OF SAMPLES          11        11        10         9         9        11         9         3        11         3

                                       107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS    MG/L         UMHOS     UNITS

09 01 78 1310               .3         143       220      1.60       6.0
06 02 78 1305               .3         146       225      1.50       7.5
13 03 78 1230               .3         143       220      1.50       6.0
04 04 78 1225               .3                   215      3.60       7.0
01 05 78 1225               .3         119       183      1.90       4.5
05 06 78 1300               .3         133       205      3.00       5.2
04 07 78 1330               .3         133       205     34.00       6.0
01 08 78 1200               .3         107       165      3.50       5.5
05 09 78 1315               .3         110       170      3.70       6.0
02 10 78 1120               .3         114       175      3.50       6.0
04 12 78 1245               .3         146       225      3.00       7.5

                       MAXIMUM         146       225     34.00       7.5
          AVG OR GEOM MN (*)           129       201      5.53       6.1
                       MINIMUM         107       165      1.50       4.5

                 NO OF SAMPLES          10        11        11        11
```

STATION ID: 12-0004-004-02

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: JONES FALLS
STATION TYPE: RIVER

STORET CODE: 02
005
1770

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

U T M: 18 0401700.0 4932950.0 4 REGION: 04 MILEAGE: 35.80

STN NO: 4 LAT: LONG:

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1000			.3		28514	10. L	4. L	16.	2. L	0.0	13.0	0.5	0.016	0.006
07 02 78 1010			.3		28531	4. L	4. L	4. L		0.0	12.0	0.5	0.024	0.010
14 03 78 0905			.3		28547	10. L	4. L	4. L		2.0	9.0			
05 04 78 0905			.3		28564	10. L	4. L	4. L		2.0	11.0	0.5	0.020	0.014
02 05 78 0905			.3		28581	4. L	4. L	4. L		5.0	11.0	1.5	0.022	0.006
06 06 78 0925			.3		28598	10. L	4. L	4. L		21.0	10.0	0.5	0.022	0.004
05 07 78 0935			.3		28615					24.0	8.0	1.5	0.022	0.002
02 08 78 0910			.3		28632	10.	4. L	12.		23.0	9.0	0.5L	0.022	0.008
06 09 78 0915			.3		28649	10. L	4. L	4. L		21.0	8.0	0.2L	0.026	0.006
03 10 78 0920			.3		28666	10.	4. L	4. L		13.0	9.0	0.5	0.016	0.010
07 11 78 1005			.3		28683	10.	4. L	4. L		8.0	10.6	0.6	0.050	0.026
05 12 78 0925			.3		28700	10. L	4. L	4. L		0.0	11.0		0.022	0.010
MAXIMUM						10.	4.	16.	2.	24.0	13.0	1.5	0.050	0.026
AVG OR GEOM MN (*)						8.* D	4.* D	5.* D	2.* D	9.9	10.1	0.7D	0.024	0.009
MINIMUM						4.	4.	4.	2.	0.0	8.0	0.2	0.016	0.002
NO OF SAMPLES						11	11	11	1	12	12	.10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 01 78 1000			.3		0.050	0.280	0.008	0.030	0.088	0.230	0.318	192.0	1.0	191
07 02 78 1010			.3		0.070	0.260	0.006	0.050	0.126	0.190	0.316		15.0L	
05 04 78 0905			.3		0.080	0.360	0.002	0.100	0.182	0.280	0.462	100.0	1.0	99
02 05 78 0905			.3		0.060	0.630	0.004	0.020	0.084	0.570	0.654		5.0L	
06 06 78 0925			.3		0.050	0.420	0.002	0.020L	0.072	0.370	0.442		10.0	
05 07 78 0935			.3		0.010	0.220	0.002	0.020L	0.032	0.210	0.242		5.0L	
02 08 78 0910			.3		0.080	0.440	0.002	0.020L	0.102	0.360	0.462		2.0	
06 09 78 0915			.3		0.010	0.500				0.490			5.0L	
03 10 78 0920			.3		0.050	0.350	0.006	0.020L	0.076	0.300	0.376	105.0	5.0L	
07 11 78 1005			.3		0.050	0.440	0.002	0.020L	0.072	0.390	0.462		5.0L	
05 12 78 0925			.3		0.120	0.620	0.002	0.060	0.182	0.500	0.682		5.0L	
MAXIMUM					0.120	0.630	0.008	0.100	0.182	0.570	0.682	192.0	15.0	191
AVG OR GEOM MN (*)					0.057	0.411	0.004	0.036D	0.102	0.354	0.442	132.3	5.4D	145
MINIMUM					0.010	0.220	0.002	0.020	0.032	0.190	0.242	100.0	1.0	99
NO OF SAMPLES					11	11	10	10	10	11	10	3	11	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1000			.3		130	200	0.60	7.0
07 02 78 1010			.3		130	200	1.20	8.0
05 04 78 0905			.3			205	0.60	6.0
02 05 78 0905			.3		118	182	0.90	4.0
06 06 78 0925			.3		120	185	1.10	4.0
05 07 78 0935			.3		117	180	2.10	4.5
02 08 78 0910			.3		117	180	1.70	4.3
06 09 78 0915			.3		117	180	0.75	
03 10 78 0920			.3		68	180	0.75	5.0
07 11 78 1005			.3		120	185	1.00	4.8
05 12 78 0925			.3		127	195	1.20	6.5
MAXIMUM					130	205	2.10	8.0
AVG OR GEOM MN (*)					116	188	1.08	5.4
MINIMUM					68	180	0.60	4.0
NO OF SAMPLES					10	11	11	10

STATION ID: 12-0004-005-02

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT BRIDGE TO BELL ISLAND, KINGSTON
STATION TYPE: RIVER

STORET CODE: 02
005
1770

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

U T M: 18 0382400.0 4900350.0 4 REGION: 04 MILEAGE: 1.60

STN NO: 5 LAT: LONG:

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L
01 05 78 1315			.3		28577	20.	4. L	4.	7.0	11.0
05 06 78 1425			.3		28594				18.0	10.0
04 07 78 1435			.3		28611	10000.	4.	20.	25.0	9.0
01 08 78 1250			.3		28628	500.	12.	188.	23.0	11.0
05 09 78 1405			.3		28645	600.	8.	128.	22.0	9.0
02 10 78 1205			.3		28662	200.	4.	2040.	13.0	6.0
06 11 78 1300			.3		28679	700.	100.	10. L	12.0	8.0
04 12 78 1335			.3		28696	530.	16.	720.	0.0	12.0
MAXIMUM						10000.	100.	2040.	25.0	12.0
AVG OR GEOM MN (*)						461.*	10.* D	83.* D	15.0	9.5
MINIMUM						20.	4.	4.	0.0	6.0
NO OF SAMPLES						7	7	7	8	8

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: FOOT OF ELLIOT AVE. KINGSTON
STATION TYPE: RIVER

STATION ID: 12-0004-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO: 6 LAT: LONG: U T M: 18 0381950.0 4901340.0 4 REGION: 04 MILEAGE: 2.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L
09 01 78	1420			.3		28511	70.	4.	68.	2. L	0.0	13.0
06 02 78	1350			.3		28528	10.	4. L	8.		0.0	12.0
13 03 78	1335			.3		28544	1800.	304.	16.		0.0	10.0
01 05 78	1335			.3		28578	10. L	4. L	16.		9.0	13.0
05 06 78	1445			.3		28595					20.0	12.0
04 07 78	1500			.3		28612	44000.	4.	40.		25.0	10.0
01 08 78	1315			.3		28629	600.	28.	120.		23.0	9.0
05 09 78	1425			.3		28646	20.	20.	8.		23.0	10.0
02 10 78	1225			.3		28663	100.	4. L	88.		14.0	9.0
06 11 78	1320			.3		28680	10. L	4. L	52.		11.0	9.0
04 12 78	1355			.3		28697	130.	12.	760.		0.0	10.0
MAXIMUM							44000.	304.	760.	2.	25.0	13.0
AVG OR GEOM MN (*)							124.* D	10.* D	42.*	2.* D	11.4	10.6
MINIMUM							10.	4.	8.	2.	0.0	9.0
NO OF SAMPLES							10	10	10	1	11	11

B.O.W./ SITE: MILLBURN CREEK
SAMPLE POINT: 1.5 MILES SOUTH OF BATTERSEA
STATION TYPE: RIVER

STATION ID: 12-0004-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO: 7 LAT: LONG: U T M: 18 0390450.0 4918525.0 4 REGION: 04 MILEAGE: 21.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1100			.3		28515	5800.	328.	600. G	2. L	0.0	11.0	1.0	0.052	0.036
07 02 78	1100			.3		28532	18.	4. L	4. L		0.0	11.0	0.5	0.036	0.016
14 03 78	1000			.3		28548	120.	64.	48.		0.0	8.0			
05 04 78	0955			.3		28565	80.	12.	204.		1.0	12.0	1.0	0.040	0.020
02 05 78	0955			.3		28582	8.	4.	8.		5.0	11.0	1.0	0.022	0.006
06 06 78	1015			.3		28599	300.	56.	240.		17.0	9.0	1.0	0.062	0.034
05 07 78	1035			.3		28616					22.0	6.0	1.5	0.094	0.052
02 08 78	1010			.3		28633	220.	32.	104.		21.0	7.0	0.5L	0.020	0.032
06 09 78	1000			.3		28650	500.	112.	100.		20.0	7.0	0.4	0.080	0.038
03 10 78	1020			.3		28667	27000.	3600.	400.		10.0	7.0	0.6	0.070	0.042
07 11 78	1050			.3		28684	300.	260.	272.		8.0	8.0	0.8	0.088	0.042
05 12 78	1020			.3		28701	26000.	440.	600. G		0.0	9.0		0.094	0.030
MAXIMUM							27000.	3600.	600.	2.	22.0	12.0	1.5	0.094	0.052
AVG OR GEOM MN (*)							410.*	73.* D	111.* E	2.* D	8.7	8.8	0.8D	0.060	0.032
MINIMUM							8.	4.	4.	2.	0.0	6.0	0.4	0.020	0.006
NO OF SAMPLES							11	11	11	1	12	12	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 01 78	1100			.3		0.030	0.310	0.022	0.500	0.552	0.280	0.832	216.0	9.0	207
07 02 78	1100			.3		0.090	0.460	0.004	0.080	0.174	0.370	0.544		15.0L	
05 04 78	0955			.3		0.070	0.470	0.024	0.480	0.574	0.400	0.974	120.0	6.0	114
02 05 78	0955			.3		0.050	0.490	0.004	0.020L	0.074	0.440	0.514		5.0L	
06 06 78	1015			.3		0.030	0.500	0.004	0.020L	0.054	0.470	0.524		5.0L	
05 07 78	1035			.3		0.010L	0.690	0.002	0.020L	0.032	0.680	0.712		9.0	
02 08 78	1010			.3		0.040	0.240	0.004	0.020L	0.064	0.200	0.264		2.0	
06 09 78	1000			.3		0.010L	0.700				0.690			5.0L	
03 10 78	1020			.3		0.030	0.550	0.020	0.020	0.070	0.520	0.590	195.0	6.0	189
07 11 78	1050			.3		0.040	0.520	0.004	0.020	0.064	0.480	0.544		9.0	
05 12 78	1020			.3		0.100	0.840	0.016	0.074	0.190	0.740	0.930		20.0	
MAXIMUM						0.100	0.840	0.024	0.500	0.574	0.740	0.974	216.0	20.0	207
AVG OR GEOM MN (*)						0.045D	0.525	0.010	0.125D	0.185	0.479	0.643	177.0	8.3D	170
MINIMUM						0.010	0.240	0.002	0.020	0.032	0.200	0.264	120.0	2.0	114
NO OF SAMPLES						11	11	10	10	10	11	10	3	11	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1100			.3		140	215	6.50	13.0
07 02 78	1100			.3		185	285	2.10	11.0
05 04 78	0955			.3			240	4.00	8.0
02 05 78	0955			.3		127	195	1.50	5.0
06 06 78	1015			.3		151	232	3.00	7.0
05 07 78	1035			.3		156	240	3.20	8.0
02 08 78	1010			.3		156	240	2.10	8.3
06 09 78	1000			.3		163	250	2.10	
03 10 78	1020			.3		127	290	2.50	10.0
07 11 78	1050			.3		240	370	3.50	14.0
05 12 78	1020			.3		182	280	9.60	9.3
MAXIMUM						240	370	9.60	14.0
AVG OR GEOM MN (*)						163	258	3.65	9.4
MINIMUM						127	195	1.50	5.0
NO OF SAMPLES						10	11	11	10

STATION ID: 12-0017-001-02

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: AT RAILWAY TRESTLE, CANADIAN STEEL, GANANOQUE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

STN NO: 1 LAT: LONG: U T M: 18 0406850.0 4908850.0 4 REGION: 04 MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 01 78 0835			.3		28512		920.	224.	520.	4.	0.0	12.0		
07 02 78 0850			.3		28529		400.	84.	40.		0.0	11.0	0.5L	
14 03 78 0750			.3		28545		580.	220.	108.		3.0	12.0	1.0	
05 04 78 0755			.3		28562		490.	168.	364.		1.0	10.0	1.0	
12 04 78 1010			.3		25366	3	680.	120.	120.		4.0	8.7	0.6	0.038
02 05 78 0800			.3		28579		112.	24.	4. L		5.0	11.0	1.0	
16 05 78 1520			.3		25378						16.3	9.4	1.8	0.048
06 06 78 0805			.3		28596		2000.	124.	2. L		20.0	9.0	2.0	
27 06 78 1400			.3		25458		15000. G	960.	40.		24.5	6.9	0.4	0.081
05 07 78 0820			.3		28613						21.0	11.0	2.0	
13 07 78 1405			.3		25482		2400.	64.	16.		26.0	9.0		
02 08 78 0805			.3		28630		6300.	76.	4.		22.0	8.0	1.0	
29 08 78 1445			.3		25501		2700.	52.	60.				0.8	0.082
06 09 78 0810			.3		28647		400.	16.	12.		20.0	7.0	0.6	
27 09 78 1455			.3		25527	6	800.	8.	4. L				0.2	0.040
03 10 78 0805			.3		28664		500.	44.	104.		13.0	8.0	0.2L	
31 10 78 1550			.3		25555		660.	56.	16.		10.0	10.5	0.2	0.220
07 11 78 0905			.3		28681		200.	44.	24.		8.0	10.0	0.2L	
05 12 78 0815			.3		28698		2100.	520.	308.		1.0	8.0		
MAXIMUM							15000.	960.	520.	4.	26.0	12.0	2.0	0.220
AVG OR GEOM MN (*)							952.* U	83.*	33.* D	4.*	11.5	9.5	0.8D	0.085
MINIMUM							112.	8.	2.	4.	0.0	6.9	0.2	0.038
NO OF SAMPLES							17	17	17	1	17	17	16	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
07 02 78 0850			.3											15.0L
14 03 78 0750			.3										165.0	3.0
05 04 78 0755			.3										120.0	8.0
12 04 78 1010			.3		0.012	0.032	0.480	0.006	0.210	0.248	0.448	0.696	141.0	7.6
02 05 78 0800			.3											5.0L
16 05 78 1520			.3		0.018	0.060	0.550	0.005	0.010	0.075	0.490	0.565	167.0	11.0
06 06 78 0805			.3											7.0
27 06 78 1400			.3		0.050	0.076	0.560	0.004	0.010	0.090	0.484	0.574	161.0	7.9
05 07 78 0820			.3											5.0L
02 08 78 0805			.3											14.0
29 08 78 1445			.3		0.066	0.180	0.760	0.011	0.020	0.211	0.580	0.791	156.0	2.7
06 09 78 0810			.3											5.0L
27 09 78 1455			.3		0.024	0.072	0.490	0.006	0.005L	0.083	0.418	0.501	144.0	1.0
03 10 78 0805			.3										125.0	5.0L
31 10 78 1550			.3		0.210	0.066	0.640	0.011	0.120	0.197	0.574	0.771	173.0	1.0
07 11 78 0905			.3											5. L
MAXIMUM					0.210	0.180	0.760	0.011	0.210	0.248	0.580	0.791	173.0	15.0
AVG OR GEOM MN (*)					0.063	0.081	0.580	0.007	0.063D	0.151	0.499	0.650	150.2	6.5D
MINIMUM					0.012	0.032	0.480	0.004	0.005	0.075	0.418	0.501	120.0	1.0
NO OF SAMPLES					6	6	6	6	6	6	6	6	9	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
07 02 78 0850			.3			166	255	1.40				7.20		1.0
14 03 78 0750			.3		162	169	260	1.50				7.60		1.0
05 04 78 0755			.3		112		210	4.60				7.70		1.0L
12 04 78 1010			.3			133	205	8.40	5.0	11.5	1.90	7.30	0.600	1.0L
02 05 78 0800			.3			150	230	1.30				7.70		1.0L
16 05 78 1520			.3			156	240	1.90	6.2	12.5	1.05	7.88	0.160	1.0
06 06 78 0805			.3			182	280	2.50				7.70		1.0L
27 06 78 1400			.3			153	235	2.10	5.8	11.0	1.20	7.81	0.120	
05 07 78 0820			.3			156	240	3.10				8.00		1.0L
02 08 78 0805			.3			163	250	2.70				7.30		1.0L
29 08 78 1445			.3			153	235	1.60	6.6					
06 09 78 0810			.3			153	235	1.60				7.90		1.0L
27 09 78 1455			.3			143	220	0.90	5.5	14.0	1.15	8.15	0.050	1.0L
03 10 78 0805			.3			81	225	1.10				8.10		1.0L
31 10 78 1550			.3			172	265	1.80	11.0	18.0	0.85	7.77	0.090	1.0
07 11 78 0905			.3			172	265	1.4				8.0		2.
05 12 78 0815			.3											1.0L
MAXIMUM					162	182	280	8.40	11.0	18.0	1.90	8.15	0.600	2.
AVG OR GEOM MN (*)					137	153	241	2.37	6.7	13.4	1.23	7.74	0.204	1.1D
MINIMUM					112	81	205	0.90	5.0	11.0	0.85	7.20	0.050	1.0
NO OF SAMPLES					2	15	16	16	6	5	5	15	5	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
07 02 78 0850			.3			20L								
14 03 78 0750			.3		7.0	20L								
05 04 78 0755			.3		4.9	22								
12 04 78 1010			.3		5.1	18	0	0.001		0.020L	0.010L	0.030L	0.005L	0.010L
02 05 78 0800			.3		5.4	4								
16 05 78 1520			.3		5.8	16	1	0.001	0.030L	0.020L	0.020	0.030L	0.005L	0.010
06 06 78 0805			.3		6.8	34								
27 06 78 1400			.3		6.6	33								
05 07 78 0820			.3		6.5	23								
13 07 78 1405			.3		6.5	23								
02 08 78 0805			.3		6.7	28								
29 08 78 1445			.3		6.7	28								
06 09 78 0810			.3		6.2	47								
27 09 78 1455			.3		5.2	12								
03 10 78 0805			.3		5.3	38								
31 10 78 1550			.3		6.2	29	7	0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L
07 11 78 0905			.3		5.6									
05 12 78 0815			.3		5.6									

(C O N T D)

```
                                          47        41       361       265       235       221       225       229       215       249
SAMP DTE HOUR   STN  STN SAMP  PJ    ORGANIC       COD   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH        C AS C            EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
                FEET       MTRS         MG/L      MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L

                       MAXIMUM           7.0        47         7     0.001     0.030     0.020     0.020     0.030     0.005     0.010
            AVG OR GEOM MN (*)           6.0       25D         3     0.001    0.025D    0.020D    0.013D    0.030D    0.005D    0.010D
                       MINIMUM           4.9         4         0     0.001     0.020     0.020     0.010     0.030     0.005     0.010

                 NO OF SAMPLES            17        16         3         3         2         3         3         3         3         3

                                         238
SAMP DTE HOUR   STN  STN SAMP  PJ      TOTAL
DY MO YR LMT    DIST BRG DEPTH        NICKEL
                FEET       MTRS         MG/L

12 04 78 1010                 3       0.020L
16 05 78 1520                .3       0.020L
31 10 78 1550                .3        0.020

                       MAXIMUM         0.020
            AVG OR GEOM MN (*)        0.020D
                       MINIMUM         0.020

                 NO OF SAMPLES             3


B.O.W./ SITE: GANANOQUE RIVER                                                        STATION ID:  12-0017-004-02
SAMPLE POINT: HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                     MINOR BASIN: ST. LAWRENCE RIVER                                 005
                                                     TERM STREAM: GANANOQUE RIVER                                    1280

STN NO:      4     LAT:              LONG:             U T M: 18 0405150.0 4912400.0 4     REGION: 04          MILEAGE:     3.80

                                         934        80        81        84        88       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH            NO  COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD         P  REACTIVE
                FEET       MTRS               MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

10 01 78 0900                .3          28513    20.       16.       68.        2.  L       0.0      11.0       1.0     0.028     0.010
07 02 78 0915                .3          28530    12.        4.  L     4.  L                 0.0       9.0       0.5     0.030     0.014
14 03 78 0820                .3          28546    10.  L     4.  L     4.  L                 3.0      13.0
05 04 78 0825                .3          28563    90.        4.  L    32.                    1.0       8.0       0.5     0.028     0.014
02 05 78 0825                .3          28580    16.        4.  L     4.  L                 5.0      12.0       1.0     0.042     0.014
06 06 78 0835                .3          28597    10.        4.  L     4.  L                19.0      10.0       1.0     0.070     0.032
05 07 78 0850                .3          28614                                              23.0      11.0       2.0     0.050     0.006
02 08 78 0830                .3          28631    10.        4.        4.  L                22.0       9.0       3.0     0.054     0.022
06 09 78 0835                .3          28648    30.        4.  L   108.                   20.0       7.0      0.2L     0.048     0.022
03 10 78 0835                .3          28665   100.        8.       68.                   12.0       6.0       0.2     0.030     0.024
07 11 78 0930                .3          28682    10.  L     4.  L     4.  L                 8.0       8.0       0.4     0.066     0.030
05 12 78 0845                .3          28699  6100.      640.      600.  G                 0.0      10.0       1.6     0.166     0.082

                       MAXIMUM                 6100.      640.      600.        2.        23.0      13.0       3.0     0.166     0.082
            AVG OR GEOM MN (*)                   34.* D     8.* D    17.* E     2.* D       9.4       9.5      1.0D     0.056     0.025
                       MINIMUM                   10.        4.        4.        2.         0.0       6.0       0.2     0.028     0.006

                 NO OF SAMPLES                          11        11        11         1        12        12        11        11        11


                                          19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT    DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
                FEET       MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 78 0900                .3        0.030     0.230     0.006     0.090     0.126     0.200     0.326     224.0       3.0       221
07 02 78 0915                .3        0.030     0.300     0.004     0.060     0.094     0.270     0.364               15.0L
05 04 78 0825                .3        0.060     0.390     0.012     0.170     0.242     0.330     0.572     130.0       4.0       126
02 05 78 0825                .3        0.060     0.520     0.004     0.020     0.084     0.460     0.544                5.0L
06 06 78 0835                .3        0.080     0.730     0.002    0.020L     0.102     0.650     0.752                5.0L
05 07 78 0850                .3        0.020     0.660     0.002    0.020L     0.042     0.640     0.682                5.0L
02 08 78 0830                .3        0.250     0.730     0.006    0.020L     0.276     0.480     0.756                 5.0
06 09 78 0835                .3        0.010     0.520                                   0.510                          5.0L
03 10 78 0835                .3        0.030     0.450     0.036     0.040     0.106     0.420     0.526     120.0      5.0L
07 11 78 0930                .3        0.050     0.390     0.002    0.020L     0.072     0.340     0.412                5.0L
05 12 78 0845                .3        0.180     0.890     0.020     0.580     0.780     0.710     1.490                22.0

                       MAXIMUM         0.250     0.890     0.036     0.580     0.780     0.710     1.490     224.0      22.0       221
            AVG OR GEOM MN (*)         0.073     0.528     0.009    0.104D     0.192     0.455     0.642     158.0      7.2D       174
                       MINIMUM         0.010     0.230     0.002     0.020     0.042     0.200     0.326     120.0       3.0       126

                 NO OF SAMPLES            11        11        10        10        10        11        10         3        11         2

                                         107        14        16        56        55
SAMP DTE HOUR   STN  STN SAMP  PJ     CALCUL     COND.     TURB.  CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH      D-SOLIDS       25C  FORMAZIN      MG/L    AT LAB
                FEET       MTRS     MG/L         UMHOS     UNITS

10 01 78 0900                .3          149       230      2.00       7.0      7.40
07 02 78 0915                .3          163       250      1.80       9.5
05 04 78 0825                .3                    230      2.40       7.0
02 05 78 0825                .3          146       225      1.20       5.0
06 06 78 0835                .3          157       242      2.00       5.5
05 07 78 0850                .3          149       230      2.60       6.0
02 08 78 0830                .3          146       225      1.80       6.0
06 09 78 0835                .3          146       225      0.95
03 10 78 0835                .3           78       220      1.10       5.8
07 11 78 0930                .3          156       240      1.20       6.0
05 12 78 0845                .3          124       190     19.00       8.3

                       MAXIMUM           163       250     19.00       9.5      7.40
            AVG OR GEOM MN (*)           141       228      3.28       6.6      7.40
                       MINIMUM            78       190      0.95       5.0      7.40

                 NO OF SAMPLES            10        11        11        10         1
```

```
                                                                                                   STATION ID:   12-0027-001-02
 B.O.W./ SITE: LARUE MILLS CREEK
 SAMPLE POINT: THOUSAND ISLAND PARKWAY, LARUE MILLS
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: ST. LAWRENCE RIVER                                 005
                                                      TERM STREAM: LARUE MILLS CREEK                                  0970

STN NO:      1     LAT:                LONG:          U T M: 18 0429600.0 4920225.0 4    REGION: 04       MILEAGE:    0.10

                                        934       80        81        84       805        3         1       33       34        19
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     TOTAL     FECAL      M.F.    WATER     DISS.    5-DAY   TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO  COLIFORM  COLIFORM    ENTER.    TEMP.       02      BOD       P  REACTIVE  AMMONIA
               FEET       MTRS                MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L    MG/L   P MG/L      MG/L

04 12 78 1000              .3          25565     70.        4.       4.  L    2.3      10.0       0.2    0.035    0.015    0.012

                      MAXIMUM                    70.        4.       4.       2.3      10.0       0.2    0.035    0.015    0.012
         AVG OR GEOM MN (*)                      70.*       4.*      4.* D    2.3      10.0       0.2    0.035    0.015    0.012
                      MINIMUM                    70.        4.       4.       2.3      10.0       0.2    0.035    0.015    0.012

                 NO OF SAMPLES                       1         1        1        1         1        1        1        1         1

                                        20        21        22        17        18       23         5        6      107        14
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N    TOTAL    SUSP.   CALCUL     COND.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N   .        N  ORGNC  N              SOLIDS   SOLIDS  D-SOLIDS     25C
               FEET       MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L     MG/L     MG/L  MG/L        UMHOS

04 12 78 1000              .3          0.660     0.004     0.141     0.157     0.648     0.805    266.      2.        264       410

                      MAXIMUM          0.660     0.004     0.141     0.157     0.648     0.805    266.      2.        264       410
         AVG OR GEOM MN (*)            0.660     0.004     0.141     0.157     0.648     0.805    266.      2.        264       410
                      MINIMUM          0.660     0.004     0.141     0.157     0.648     0.805    266.      2.        264       410

                 NO OF SAMPLES             1         1         1         1         1         1        1        1         1         1

                                        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L
               FEET       MTRS        UNITS

04 12 78 1000              .3           4.6       20.5

                      MAXIMUM           4.6       20.5
         AVG OR GEOM MN (*)             4.6       20.5
                      MINIMUM           4.6       20.5

                 NO OF SAMPLES             1         1




                                                                                                   STATION ID:   12-0034-001-02
 B.O.W./ SITE: BUTLERS CREEK
 SAMPLE POINT: HIGHWAY 2, BROCKVILLE
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: ST. LAWRENCE RIVER                                 005
                                                      TERM STREAM: BUTLERS CREEK                                      0840

STN NO:      1     LAT:                LONG:          U T M: 18 0445100.0 4936980.0 4    REGION: 04       MILEAGE:    0.30

                                        934       80        81        84       805        3         1       33       34        19
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     TOTAL     FECAL      M.F.    WATER     DISS.    5-DAY   TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO  COLIFORM  COLIFORM    ENTER.    TEMP.       02      BOD       P  REACTIVE  AMMONIA
               FEET       MTRS                MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L    MG/L   P MG/L      MG/L

04 12 78 1030              .3          25566  21000E+1   5000.     1500.  G   3.0      10.2       9.0    0.368    0.051    0.264

                      MAXIMUM                 21000E+1   5000.     1500.      3.0      10.2       9.0    0.368    0.051    0.264
         AVG OR GEOM MN (*)                   21002E+*   4999.*    1500.* U   3.0      10.2       9.0    0.368    0.051    0.264
                      MINIMUM                 21000E+1   5000.     1500.      3.0      10.2       9.0    0.368    0.051    0.264

                 NO OF SAMPLES                       1         1        1        1         1        1        1        1         1

                                        20        21        22        17        18       23         5        6        7        14
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N    TOTAL    SUSP.    DISS.     COND.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS   SOLIDS   SOLIDS      25C
               FEET       MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L     MG/L     MG/L     MG/L     UMHOS

04 12 78 1030              .3          1.860     0.033     0.632     0.929     1.596     2.525   1377.     141.      1236      2300

                      MAXIMUM          1.860     0.033     0.632     0.929     1.596     2.525   1377.     141.      1236      2300
         AVG OR GEOM MN (*)            1.860     0.033     0.632     0.929     1.596     2.525   1377.     141.      1236      2300
                      MINIMUM          1.860     0.033     0.632     0.929     1.596     2.525   1377.     141.      1236      2300

                 NO OF SAMPLES             1         1         1         1         1         1        1        1         1         1

                                        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L
               FEET       MTRS        UNITS

04 12 78 1030              .3           61.       687.

                      MAXIMUM           61.       687.
         AVG OR GEOM MN (*)             61.       687.
                      MINIMUM           61.       687.

                 NO OF SAMPLES             1         1
```

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT BRIDGE BETWEEN WILLIAMSTOWN AND LANCASTER
STATION TYPE: RIVER

STATION ID: 12-0073-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 2 LAT: LONG: U T M: 18 0535950.0 4997600.0 4 REGION: 04 MILEAGE: 2.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1225			.3		29304	4				1.0	6.0	1.0	0.046	0.022
06 02 78	1135			.3		29319	4	4100.	380.	1500. G	1.0	8.0	1.0	0.040	0.020
24 04 78	1135			.3		29349	3	450.	12.	12.	10.0	12.0	0.5L	0.104	0.032
28 04 78	1150			.3		29334	4	16.	4. L	80.	1.0	11.0	2.0	0.052	0.026
23 05 78	1100			.3		29364		160.	24.	8.	20.0	9.0	1.0		0.014
20 06 78	1115			.3		29379	8	1100.	920.	72.	21.0	9.0	0.5	0.086	0.020
17 07 78	1020			.3		29394	8	10. L	4. L	4. L	24.0	8.0			
14 08 78	0945			.3		29409	8	10.	4. L	4. L	26.0	10.0	1.0	0.040	0.008
19 09 78	1105			.3		29424		10.	4.	4.	16.0	10.0	0.2L	0.052	0.010
06 11 78	1145			.3		29439		10. L	4. L	4.	10.0	6.0			
	1200			.3		29439							0.2L	0.042	0.008
11 12 78	1530			.3		29454	4	1150.	20.	12.	1.0	9.0			
MAXIMUM								4100.	920.	1500.	26.0	12.0	2.0	0.104	0.032
AVG OR GEOM MN (*)								95.* D	17.* D	17.* E	11.9	8.9	0.8D	0.058	0.018
MINIMUM								10.	4.	4.	1.0	6.0	0.2	0.040	0.008
NO OF SAMPLES								10	10	10	11	11	9	8	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1225			.3		0.030	0.470	0.008	0.250	0.288	0.440	0.728	250.0	7.0	243
06 02 78	1135			.3		0.050	0.480	0.006	0.230	0.286	0.430	0.716	290.0	15.0L	
24 04 78	1135			.3		0.040	0.620	0.006	0.150	0.196	0.580	0.776		4.0	
28 04 78	1150			.3		0.120	0.310	0.012	0.410	0.542	0.190	0.732	26.0	9.0	17
23 05 78	1100			.3		0.020		0.006	0.020L	0.046				13.0	
20 06 78	1115			.3		0.060	1.800	0.004	0.020L	0.084	1.740	1.824		9.0	
14 08 78	0945			.3		0.100	0.830	0.002	0.020L	0.122	0.730	0.852		6.0	
19 09 78	1105			.3		0.030	0.670	0.012	0.020L	0.062	0.640	0.702		12.0	
06 11 78	1200			.3		0.040	0.550	0.002	0.020L	0.062	0.510	0.572	340.0	12.0	328
MAXIMUM						0.120	1.800	0.012	0.410	0.542	1.740	1.824	340.0	15.0	328
AVG OR GEOM MN (*)						0.054	0.716	0.006	0.127D	0.188	0.658	0.863	226.5	9.70	196
MINIMUM						0.020	0.310	0.002	0.020	0.046	0.190	0.572	26.0	4.0	17
NO OF SAMPLES						9	8	9	9	9	8	8	4	9	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1225			.3		247	380	5.00	10.0
06 02 78	1135			.3		283	435	5.00	12.0
24 04 78	1135			.3		182	280	6.60	6.0
28 04 78	1150			.3		62	94	3.30	2.5
23 05 78	1100			.3		263	405	7.40	17.0
20 06 78	1115			.3		299	460	6.60	13.0
14 08 78	0945			.3		273	420	2.80	16.0
19 09 78	1105			.3		286	440	5.70	21.0
06 11 78	1200			.3		338	520	6.00	32.0
MAXIMUM						338	520	7.40	32.0
AVG OR GEOM MN (*)						248	382	5.38	14.4
MINIMUM						62	94	2.80	2.5
NO OF SAMPLES						9	9	9	9

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BEND DOWNSTREAM FROM WILLIAMSTOWN
STATION TYPE: RIVER FLOW GAUGE FED 02MC001

STATION ID: 12-0073-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 3 LAT: LONG: U T M: 18 0533300.0 4998750.0 4 REGION: 04 MILEAGE: 5.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	1125			.3		29302	4	498.00				1.0	6.0	0.5	0.032
06 02 78	1030			.3		29317	4	169.00	160.	10.	10.	1.0	9.0	1.0	0.036
24 04 78	1030			.3		29347	3	759.00	500.	24.	4. L	10.0	13.0	1.0	0.074
28 04 78	1120			.3		29332		272.00	3800.	108.	384.	2.0	11.0	1.5	0.048
23 05 78	1015			.3		29362		75.20	340.	48.	4. L	20.0	11.0	0.5	
20 06 78	0955			.3		29377	8	76.30	4400.	1600.	840.	21.0	8.0	0.5	0.080
17 07 78	0920			.3		29392	8	2.80	4600.	52.	4.	24.0	9.0	0.5	
14 08 78	0920			.3		29407	8	3.00	30000E+2	700.	4. L	26.0	5.0	0.5L	0.028
19 09 78	1020			.3		29422		1.10	7400.	184.	4. L	16.0	13.0	0.2	0.068
06 11 78	1100			.3		29437		3.40	15000. G	2000.	12.	11.0	13.0		
	1200			.3		29437								0.2L	0.076
11 12 78	1430			.3		29452	4	17.90	2800.	120.	4.	1.0	12.0		
MAXIMUM								759.00	30000E+2	2000.	840.	26.0	13.0	1.5	0.080
AVG OR GEOM MN (*)								170.70	4256.* U	141.*	13.* D	12.1	10.0	0.6D	0.055
MINIMUM								1.10	160.	10.	4.	1.0	5.0	0.2	0.028
NO OF SAMPLES								11	10	10	10	11	11	10	8

(C O N T D)

STATION ID: 12-0073-003-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BEND DOWNSTREAM FROM WILLIAMSTOWN
STATION TYPE: RIVER FLOW GAUGE FED 02MC001

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 3 LAT: LONG: U T M: 18 0533300.0 4998750.0 4 REGION: 04 MILEAGE: 5.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1125			.3		0.016	0.030	0.510	0.008	0.230	0.268	0.480	0.748	150.0	7.0
06 02 78	1030			.3		0.016	0.080	0.500	0.006	0.190	0.276	0.420	0.696		15.0L
24 04 78	1030			.3		0.022	0.050	0.740	0.008	0.110	0.168	0.690	0.858		20.0
28 04 78	1120			.3		0.020	0.070	0.570	0.030	0.390	0.490	0.500	0.990	310.0	7.5
23 05 78	1015			.3		0.008	0.030		0.008	0.020L	0.058				11.0
20 06 78	0955			.3		0.032	0.070	1.400	0.008	0.020L	0.098	1.330	1.428		13.0
17 07 78	0920			.3											3.0
14 08 78	0920			.3		0.008	0.010	0.660	0.002	0.020L	0.032	0.650	0.682		5.0L
19 09 78	1020			.3		0.046	0.030	0.570	0.004	0.020L	0.054	0.540	0.594		5.0L
06 11 78	1200			.3		0.006	0.030	0.820	0.004	0.020	0.054	0.790	0.844	450.0	25.0
MAXIMUM						0.046	0.080	1.400	0.030	0.390	0.490	1.330	1.428	450.0	25.0
AVG OR GEOM MN (*)						0.019	0.044	0.721	0.009	0.113D	0.166	0.675	0.855	303.3	11.2D
MINIMUM						0.006	0.010	0.500	0.002	0.020	0.032	0.420	0.594	150.0	3.0
NO OF SAMPLES						9	9	8	9	9	9	8	8	3	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1125			.3		143	237	365	4.50	6.0
06 02 78	1030			.3			270	415	4.80	10.0
24 04 78	1030			.3			173	266	7.60	4.5
28 04 78	1120			.3		303	266	410	6.00	10.0
23 05 78	1015			.3			250	385	6.80	8.5
20 06 78	0955			.3			280	430	7.40	9.0
17 07 78	0920			.3			273	420	3.00	11.0
14 08 78	0920			.3			260	400	1.60	11.0
19 09 78	1020			.3			273	420	1.00	14.0
06 11 78	1200			.3		425	273	420	5.00	15.0
MAXIMUM						425	280	430	7.60	15.0
AVG OR GEOM MN (*)						290	256	393	4.77	9.9
MINIMUM						143	173	266	1.00	4.5
NO OF SAMPLES						3	10	10	10	10

STATION ID: 12-0073-004-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT C P R RAILWAY BRIDGE UPSTREAM OF WILLIAMSTOWN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 4 LAT: LONG: U T M: 18 0532275.0 4999175.0 4 REGION: 04 MILEAGE: 6.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1100			.3		29301	4				1.0	8.0	0.5	0.036	0.008
06 02 78	1010			.3		29316	4	70.	10. L	10. L	1.0	9.0	1.0	0.032	0.010
24 04 78	1010			.3		29346	3	220.	4. L	4. L	10.0	13.0	1.0	0.044	0.012
28 04 78	1055			.3		29331	4	3500.	96.	500.	2.0	10.0	1.5	0.056	0.016
23 05 78	0955			.3		29361		160.	4.	4.	20.0	9.0	0.5		0.008
20 06 78	0930			.3		29376	8	3200.	880.	600. G	20.0	8.0	0.5	0.062	0.024
17 07 78	0855			.3		29391	8	200.	28.	4.	23.5	8.0	0.5	0.038	0.010
14 08 78	0900			.3		29406	8	10.		4. L	25.0	8.0	0.5L	0.032	0.006
19 09 78	0950			.3		29421		30.	4. L	4. L	16.0	9.0	0.2	0.046	0.006
06 11 78	1000			.3		29436		20.	4. L	16.	9.0	13.0			
	1200			.3		29436							0.2L	0.034	0.002
11 12 78	1400			.3		29451	4	240.	8.	8.	1.0	6.0			
MAXIMUM								3500.	880.	600.	25.0	13.0	1.5	0.062	0.024
AVG OR GEOM MN (*)								155.*	15.* D	14.* E	11.7	9.2	0.6D	0.042	0.010
MINIMUM								10.	4.	4.	1.0	6.0	0.2	0.032	0.002
NO OF SAMPLES								10	9	10	11	11	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1100			.3		0.010	0.530	0.008	0.230	0.248	0.520	0.768	230.0	9.0	221
06 02 78	1010			.3		0.050	0.490	0.006	0.190	0.246	0.440	0.686		15.0L	
24 04 78	1010			.3		0.030	0.530	0.008	0.110	0.148	0.500	0.648		7.0	
28 04 78	1055			.3		0.140	0.770	0.038	0.380	0.558	0.630	1.188	400.0	8.8	391
23 05 78	0955			.3		0.020		0.008	0.020L	0.048				11.0	
20 06 78	0930			.3		0.060	1.250	0.008	0.030	0.098	1.190	1.288		14.0	
17 07 78	0855			.3		0.040	0.790	0.030	0.060	0.130	0.750	0.880		2.0	
14 08 78	0900			.3		0.010	0.740	0.002	0.020L	0.032	0.730	0.762		10.0	
19 09 78	0950			.3		0.040	0.720	0.040	0.040	0.120	0.680	0.800		13.0	
06 11 78	1200			.3		0.020	0.760	0.002	0.020L	0.042	0.740	0.782	280.0	7.0	273
MAXIMUM						0.140	1.250	0.040	0.380	0.558	1.190	1.288	400.0	15.0	391
AVG OR GEOM MN (*)						0.042	0.731	0.015	0.110D	0.167	0.687	0.867	303.3	9.7D	295
MINIMUM						0.010	0.490	0.002	0.020	0.032	0.440	0.648	230.0	2.0	221
NO OF SAMPLES						10	9	10	10	10	9	9	3	10	3

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1100			.3		234	360	5.50	6.0
06 02 78	1010			.3		270	415	5.10	9.0
24 04 78	1010			.3		172	265	6.40	4.0
28 04 78	1055			.3		260	400	8.00	9.0
23 05 78	0955			.3		250	385	6.30	7.5
20 06 78	0930			.3		276	425	7.00	9.0
17 07 78	0855			.3		273	420	4.60	10.0
14 08 78	0900			.3		260	400	2.90	11.0
19 09 78	0950			.3		273	420	7.50	13.0
06 11 78	1200			.3		270	415	3.00	16.0
MAXIMUM						276	425	8.00	16.0
AVG OR GEOM MN (*)						254	391	5.63	9.5
MINIMUM						172	265	2.90	4.0
NO OF SAMPLES						10	10	10	10

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT RIVER BEND 1.4 MILES DOWNSTREAM FROM MARTINTOWN
STATION TYPE: RIVER

STATION ID: 12-0073-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 6 LAT: LONG: U T M: 18 0523875.0 4998800.0 4 REGION: 04 MILEAGE: 12.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1030			.3		29300	4				1.0	7.0	1.0	0.048	0.020
06 02 78	0935			.3		29315	4	170.	20.	10.	1.0	8.0	0.5	0.042	0.014
24 04 78	0935			.3		29345	3	1180.	40.	8.	9.0	12.0	1.0	0.042	0.018
28 04 78	1030			.3		29330	4	4500.	92.	340.	4.0	7.0	1.5	0.056	0.026
23 05 78	0915			.3		29360		690.	24.	4. L	19.0	10.0	0.5		0.010
20 06 78	0845			.3		29375	8	1800.	1320.	600. G	20.0	7.0	1.0	0.114	0.044
17 07 78	0825			.3		29390	8	400.	4.	4.	24.0	8.0	1.0		0.002
14 08 78	0825			.3		29405	8	560.		4. L	24.0	10.0	1.5	0.058	0.010
19 09 78	0930			.3		29420		70.	12.	4. L	14.0	10.0	1.0	0.066	0.010
06 11 78	0840			.3		29435		210.	36.	12.	10.0	13.0			
	1200			.3		29435							0.5	0.052	0.008
11 12 78	1330			.3		29450	4	800.	32.	28.	1.0	12.0			
MAXIMUM								4500.	1320.	600.	24.0	13.0	1.5	0.114	0.044
AVG OR GEOM MN (*)								559.*	37.*	16.* E	11.5	9.5	1.0	0.060	0.016
MINIMUM								70.	4.	4.	1.0	7.0	0.5	0.042	0.002
NO OF SAMPLES								10	9	10	11	11	10	8	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1030			.3		0.030	0.530	0.010	0.190	0.230	0.500	0.730	290.0	9.0	281
06 02 78	0935			.3		0.050	0.670	0.006	0.150	0.206	0.620	0.826		15.0L	
24 04 78	0935			.3		0.030	0.670	0.008	0.070	0.108	0.640	0.748		5.0	
28 04 78	1030			.3		0.060	0.510	0.028	0.330	0.418	0.450	0.868	440.0	14.0	426
23 05 78	0915			.3		0.050		0.010	0.020L	0.080				15.0	
20 06 78	0845			.3		0.030	1.800	0.030	0.790	0.850	1.770	2.620		20.0	
17 07 78	0825			.3				0.004	0.020L					15.0	
14 08 78	0825			.3		0.010	1.050	0.002	0.020L	0.032	1.040	1.072		15.0	
19 09 78	0930			.3		0.030	0.940	0.006	0.020L	0.056	0.910	0.966		14.0	
06 11 78	1200			.3		0.050	0.760	0.004	0.040	0.094	0.710	0.804	320.0	11.0	309
MAXIMUM						0.060	1.800	0.030	0.790	0.850	1.770	2.620	440.0	20.0	426
AVG OR GEOM MN (*)						0.038	0.866	0.011	0.165D	0.230	0.830	1.079	350.0	13.3D	339
MINIMUM						0.010	0.510	0.002	0.020	0.032	0.450	0.730	290.0	5.0	281
NO OF SAMPLES						9	8	10	10	9	8	8	3	10	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1030			.3		231	355	3.50	7.0
06 02 78	0935			.3		263	405	4.00	11.0
24 04 78	0935			.3		166	255	5.00	4.5
28 04 78	1030			.3		257	395	5.00	10.0
23 05 78	0915			.3		250	385	6.30	
20 06 78	0845			.3		283	435	8.30	11.0
17 07 78	0825			.3		263	405	5.40	12.0
14 08 78	0825			.3		237	365	5.40	13.0
19 09 78	0930			.3		260	400	4.50	17.0
06 11 78	1200			.3		312	480	3.50	17.0
MAXIMUM						312	480	8.30	17.0
AVG OR GEOM MN (*)						252	388	5.09	11.4
MINIMUM						166	255	3.50	4.5
NO OF SAMPLES						10	10	10	9

STATION ID: 12-0073-007-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BRIDGE UPSTREAM OF MARTINTOWN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 7   LAT: LONG: U T M: 18 0521250.0 4998625.0 4   REGION: 04   MILEAGE: 16.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1400			.3		29307	4				1.0	4.0	0.5	0.032	0.012
06 02 78 1325			.3		29322	4	100.	10.	10.	1.0	4.0	1.0	0.042	0.010
24 04 78 1330			.3		29352	3	270.	4. L	4. L	10.0	12.0	0.5	0.038	0.018
28 04 78 1305			.3		29337	4	1100.	111.	28.	1.0	6.0	1.5	0.046	0.024
23 05 78 1330			.3		29367		160.	12.	8.	21.0	10.0	0.5		0.012
20 06 78 1340			.3		29382	8	2600.	1118.	110.	21.0	9.0	0.5	0.058	0.018
17 07 78 1205			.3		29397	8	100.	12.	4.	26.5	10.0	0.5		
14 08 78 1320			.3		29412	8	210.	4. L	36.	27.0	8.0	0.5	0.036	0.002
19 09 78 1230			.3		29427		70.		8.	16.0	8.0	0.2L	0.056	0.012
14 11 78 0900			.3		29442		4.	4. L	4.	7.0	10.0	0.2	0.050	0.016
12 12 78 1130			.3		29457	4	500.	44.	84.	1.0	9.0			
MAXIMUM							2600.	1118.	110.	27.0	12.0	1.5	0.058	0.024
AVG OR GEOM MN (*)							180.*	20.* D	14.* D	12.0	8.2	0.6D	0.045	0.014
MINIMUM							4.	4.	4.	1.0	4.0	0.2	0.032	0.002
NO OF SAMPLES							10	9	10	11	11	10	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1400			.3		0.030	0.590	0.010	0.130	0.170	0.560	0.730	240.0	7.0	233
06 02 78 1325			.3		0.060	0.660	0.008	0.130	0.198	0.600	0.798		15.0L	
24 04 78 1330			.3		0.030	0.560	0.006	0.050	0.086	0.530	0.616		1.0L	
28 04 78 1305			.3		0.080	0.520	0.024	0.280	0.384	0.440	0.824	210.0	10.0	200
23 05 78 1330			.3		0.030		0.008	0.020L	0.058					
20 06 78 1340			.3		0.020	1.300	0.014	0.210	0.244	1.280	1.524		7.0	
17 07 78 1205			.3										5.0	
14 08 78 1320			.3		0.010	1.000	0.004	0.020L	0.034	0.990	1.024		5.0L	
19 09 78 1230			.3		0.030	0.900	0.006	0.020L	0.056	0.870	0.926		9.0	
14 11 78 0900			.3		0.030	0.800	0.066	0.020	0.116	0.770	0.886		12.0	
MAXIMUM					0.080	1.300	0.066	0.280	0.384	1.280	1.524	240.0	15.0	233
AVG OR GEOM MN (*)					0.036	0.791	0.016	0.098D	0.150	0.755	0.916	225.0	7.9D	217
MINIMUM					0.010	0.520	0.004	0.020	0.034	0.440	0.616	210.0	1.0	200
NO OF SAMPLES					9	8	9	9	9	8	8	2	9	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1400			.3		224	345	4.40	6.5
06 02 78 1325			.3		270	415	6.00	12.0
24 04 78 1330			.3		159	245	3.90	4.0
28 04 78 1305			.3		254	390	3.90	10.0
23 05 78 1330			.3		247	380	14.00	8.0
20 06 78 1340			.3		257	395	4.00	11.0
17 07 78 1205			.3		254	390	1.60	11.0
14 08 78 1320			.3		234	360	1.10	18.0
19 09 78 1230			.3		244	375	3.20	17.0
14 11 78 0900			.3		315	485	9.40	16.0
MAXIMUM					315	485	14.00	18.0
AVG OR GEOM MN (*)					246	378	5.15	11.4
MINIMUM					159	245	1.10	4.0
NO OF SAMPLES					10	10	10	10

STATION ID: 12-0073-008-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM ST ANDREWS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 8   LAT: LONG: U T M: 18 0517850.0 4994950.0 4   REGION: 04   MILEAGE: 20.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0935			.3		29309	4	400.	20.	10.	1.0	4.0	1.5	0.116	0.012
08 02 78 1000			.3		29324	4	50.	16.	4.	1.0	7.0	2.0	0.058	0.030
29 03 78 0945			.3		29339					2.0	11.0	0.5	0.046	0.018
25 04 78 0945			.3		29354	3	110.	4. L	120.	11.0	12.0	0.5	0.028	0.012
24 05 78 0925			.3		29369		90.	16.	4. L	20.0	11.0	0.5		0.006
21 06 78 0915			.3		29384	8	480.	128.	30.	20.0	12.0	1.5	0.060	0.018
18 07 78 0855			.3		29399	8				22.5	7.0	0.5L	0.048	0.026
15 09 78 0950			.3		29414	9	200.	20.	4. L	25.0	9.0	0.5	0.058	0.018
20 09 78 0925			.3		29429		270.	10. L	40.	13.0	11.0	0.2L	0.090	0.002L
14 11 78 0930			.3		29444		1900.	28.	16.	6.0	10.0	0.2	0.024	0.004
18 12 78 1025			.3		29459	4	130.	64.	36.	1.0	8.0			
MAXIMUM							1900.	128.	120.	25.0	12.0	2.0	0.116	0.030
AVG OR GEOM MN (*)							221.*	21.* D	16.* D	11.1	9.3	0.8D	0.059	0.015D
MINIMUM							50.	4.	4.	1.0	4.0	0.2	0.024	0.002
NO OF SAMPLES							9	9	9	11	11	10	9	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 0935			.3		0.030	1.240	0.010	0.130	0.170	1.210	1.380	270.0	50.0	
08 02 78 1000			.3		0.030	0.690	0.080	0.260	0.370	0.660	1.030	290.0	15.0L	
29 03 78 0945			.3		0.080	0.610	0.018	0.260	0.358	0.530	0.888	280.0	6.0	274
25 04 78 0945			.3		0.010	0.610	0.008	0.050	0.068	0.600	0.668		5.0	
24 05 78 0925			.3		0.020		0.006	0.020L	0.046				6.0	
21 06 78 0915			.3		0.040	1.400	0.038	0.420	0.498	1.360	1.858		6.0	
18 07 78 0855			.3		0.030	0.950	0.052	0.130	0.212	0.920	1.132		5.0L	
15 08 78 0950			.3		0.010	0.820	0.004	0.020L	0.034	0.810	0.844		5.0	
20 09 78 0925			.3		0.010L	0.100	0.002	0.020L	0.032	0.090	0.122		15.0	
14 11 78 0930			.3		0.050	0.650	0.030	0.010	0.090	0.600	0.690	390.0	5.0L	
MAXIMUM					0.080	1.400	0.080	0.420	0.498	1.360	1.858	390.0	50.0	274
AVG OR GEOM MN (*)					0.031D	0.786	0.025	0.132D	0.188	0.753	0.957	307.5	11.8D	274
MINIMUM					0.010	0.100	0.002	0.010	0.032	0.090	0.122	270.0	5.0	274
NO OF SAMPLES					10	9	10	10	10	9	9	4	10	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 0935			.3		217	335	24.00	8.0
08 02 78 1000			.3		240	370	4.00	8.0
29 03 78 0945			.3		237	365	4.40	10.0
25 04 78 0945			.3		165	254	4.00	4.5
24 05 78 0925			.3		237	365	3.60	8.5
21 06 78 0915			.3		260	400		9.5
18 07 78 0855			.3		283	435	1.20	16.0
15 08 78 0950			.3		270	415	1.70	19.0
20 09 78 0925			.3		263	405	5.00	17.0
14 11 78 0930			.3		325	500	2.00	13.0
MAXIMUM					325	500	24.00	19.0
AVG OR GEOM MN (*)					250	384	5.54	11.4
MINIMUM					165	254	1.20	4.5
NO OF SAMPLES					10	10	9	10

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BRIDGE UPSTREAM OF ST ANDREWS
STATION TYPE: RIVER

STATION ID: 12-0073-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 9 LAT: LONG: U T M: 18 0512925.0 4992825.0 4 REGION: 04 MILEAGE: 27.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0955			.3		29310	4	100.	10.	30.	1.0	4.0	1.0	0.116	0.016
08 02 78 1030			.3		29325	4	50.	12.	4. L	1.0	7.0	2.0	0.040	0.016
29 03 78 1005			.3		29340					2.0	10.0	0.5	0.044	0.018
25 04 78 1000			.3		29355	3	40.	8.	4. L	10.0	9.0	0.5L	0.028	0.012
24 05 78 0945			.3		29370		100.	25.	4.	19.0	10.0	0.5L		0.038
21 06 78 0945			.3		29385	8	610.	244.	34.	20.5	8.0	1.5	0.102	0.038
18 07 78 0930			.3		29400	8				23.0	5.0	0.5L	0.060	
15 08 78 1015			.3		29415	8	200.	24.	4. L	25.0	6.0	0.5L	0.052	0.016
20 09 78 0945			.3		29430		250.	30.	20.	14.0	9.0	0.6	0.006	0.006
14 11 78 1000			.3		29445		270.	4. L	88.	7.0	10.0	0.2L	0.034	0.012
18 12 78 1045			.3		29460	4	30.	16.	24.	1.0	3.0			
MAXIMUM							610.	244.	88.	25.0	10.0	2.0	0.116	0.038
AVG OR GEOM MN (*)							119.*	19.* D	13.* D	11.2	7.4	0.8D	0.054	0.019
MINIMUM							30.	4.	4.	1.0	3.0	0.2	0.006	0.006
NO OF SAMPLES							9	9	9	11	11	10	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 0955			.3		0.030	0.370	0.012	0.110	0.152	0.340	0.492	270.0	46.0	
08 02 78 1030			.3		0.030	0.670	0.084	0.260	0.374	0.640	1.014	280.0	15.0L	
29 03 78 1005			.3		0.090	0.640	0.016	0.220	0.326	0.550	0.876	290.0	4.0	286
25 04 78 1000			.3		0.020	0.610	0.008	0.030	0.058	0.590	0.648		5.0	
24 05 78 0945			.3		0.020		0.010	0.020L	0.050				8.0	
21 06 78 0945			.3		0.150	1.050	0.048	0.310	0.508	0.900	1.408		18.0	
18 07 78 0930			.3			1.000								
15 08 78 1015			.3		0.010	0.770	0.004	0.020L	0.034	0.760	0.794		8.0	
20 09 78 0945			.3		0.020	0.010	0.004	0.020L	0.044	0.010	0.034		8.0	
14 11 78 1000			.3		0.030	0.590	0.034	0.130	0.194	0.560	0.754		8.0	
MAXIMUM					0.150	1.050	0.084	0.310	0.508	0.900	1.408	290.0	46.0	286
AVG OR GEOM MN (*)					0.044	0.634	0.024	0.124D	0.193	0.544	0.753	280.0	13.3D	286
MINIMUM					0.010	0.010	0.004	0.020	0.034	0.010	0.034	270.0	4.0	286
NO OF SAMPLES					9	9	9	9	9	8	8	3	9	1

(C O N T D)

STATION ID: 12-0073-009-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BRIDGE UPSTREAM OF ST ANDREWS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 9 LAT: LONG: U T M: 18 0512925.0 4992825.0 4 REGION: 04 MILEAGE: 27.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	0955			.3		211	325	22.00	7.0
08 02 78	1030			.3		228	350	4.00	7.5
29 03 78	1005			.3		224	345	5.30	6.0
25 04 78	1000			.3		159	245	4.20	3.5
24 05 78	0945			.3		234	360	5.50	
21 06 78	0945			.3		257	395	14.00	7.5
18 07 78	0930			.3		306	470	2.50	7.5
15 08 78	1015			.3		289	445	2.50	11.0
20 09 78	0945			.3		286	440	5.10	8.0
14 11 78	1000			.3		309	475	6.40	7.5
MAXIMUM						309	475	22.00	11.0
AVG OR GEOM MN (*)						250	385	7.15	7.3
MINIMUM						159	245	2.50	3.5
NO OF SAMPLES						10	10	10	9

STATION ID: 12-0073-010-02

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT COUNTY ROAD NO 18 EAST OF LUNENBURG
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 10 LAT: LONG: U T M: 18 0504675.0 4989350.0 4 REGION: 04 MILEAGE: 34.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1040			.3		29312	4	100.	10. L	10. L	1.0	6.0	1.0	0.042	0.016
08 02 78	1145			.3		29327	4	110.	32.	12.	1.0	8.0	1.5	0.056	0.028
29 03 78	1115			.3		29342					2.0	10.0	0.5	0.060	0.018
25 04 78	1230			.3		29357	3	2410.	4. L	4. L	11.0	12.0	0.5	0.044	0.016
24 05 78	1045			.3		29372		740.	516.	8.	20.0	11.0	1.0		0.056
21 06 78	1045			.3		29387	8	1800.	1280.	134.	21.0	11.0	2.0	0.160	0.064
18 07 78	1045			.3		29402	8				24.5	8.0	0.5L	0.102	0.050
15 08 78	1115			.3		29417	8	200.	60.	28.	26.5	12.0	1.0	0.108	0.042
20 09 78	1100			.3		29432		390.	240.	20.	14.0	12.0	1.2	0.106	0.026
14 11 78	1140			.3		29447		1100.	112.	136.	8.0	10.0	1.7	0.086	0.038
18 12 78	1125			.3		29462	4	90.	24.	64.	1.0	10.0			
MAXIMUM								2410.	1280.	136.	26.5	12.0	2.0	0.160	0.064
AVG OR GEOM MN (*)								402.*	68.* D	24.* D	11.8	10.0	1.1D	0.085	0.035
MINIMUM								90.	4.	4.	1.0	6.0	0.5	0.042	0.016
NO OF SAMPLES								9	9	9	11	11	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78	1040			.3		0.070	0.720	0.008	0.050	0.128	0.650	0.778	180.0	8.0	
08 02 78	1145			.3		0.040	0.700	0.064	0.180	0.284	0.660	0.944	260.0	15.0L	
29 03 78	1115			.3		0.090	0.690	0.022	0.220	0.332	0.600	0.932	280.0	17.0	263
25 04 78	1230			.3		0.050	0.760	0.012	0.030	0.092	0.710	0.802		5.0	
24 05 78	1045			.3		0.030		0.016	0.020	0.066				10.0	
21 06 78	1045			.3		0.150	1.050	0.078	0.300	0.528	0.900	1.428		25.0	
18 07 78	1045			.3		0.030	1.250	0.006	0.090	0.126	1.220	1.346		7.0	
15 08 78	1115			.3		0.040	1.350	0.006	0.020L	0.066	1.310	1.376		7.0	
20 09 78	1100			.3		0.010L	0.600	0.066	0.140	0.216	0.590	0.806		20.0	
14 11 78	1140			.3		0.030	1.500	0.014	0.490	0.534	1.470	2.004	440.0	10.0	430
MAXIMUM						0.150	1.500	0.078	0.490	0.534	1.470	2.004	440.0	25.0	430
AVG OR GEOM MN (*)						0.054D	0.958	0.029	0.154D	0.237	0.901	1.157	290.0	12.4D	347
MINIMUM						0.010	0.600	0.006	0.020	0.066	0.590	0.778	180.0	5.0	263
NO OF SAMPLES						10	9	10	10	10	9	9	4	10	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78	1040			.3		185	285	3.50	6.0
08 02 78	1145			.3		192	295	3.70	6.0
29 03 78	1115			.3		201	310	7.10	5.5
25 04 78	1230			.3		124	190	4.30	2.5
24 05 78	1045			.3		195	300	4.70	
21 06 78	1045			.3		244	375	18.00	7.0
18 07 78	1045			.3		260	400	2.10	5.5
15 08 78	1115			.3		267	410	2.20	8.0
20 09 78	1100			.3		273	420	6.00	5.0
14 11 78	1140			.3		351	540	5.10	13.0
MAXIMUM						351	540	18.00	13.0
AVG OR GEOM MN (*)						229	353	5.67	6.5
MINIMUM						124	190	2.10	2.5
NO OF SAMPLES						10	10	10	9

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT FIRST UPSTREAM OF MARTINTOWN
STATION TYPE: RIVER

STATION ID: 12-0073-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 11 LAT: LONG: U T M: 18 0520800.0 4999425.0 4 REGION: 04 MILEAGE: 15.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0905			.3		29308	4	90.	10.	20.	1.0	8.0	0.5	0.040	0.018
08 02 78 0930			.3		29323	4	100.	16.	4.	1.0	9.0	3.0	0.032	0.008
29 03 78 0915			.3		29338					3.0	6.0	1.5	0.062	0.026
25 04 78 0925			.3		29353	3	90.	4. L	4. L	9.0	12.0	1.0	0.042	0.020
24 05 78 0900			.3		29368		120.	20.	4. L	19.0	11.0	1.0		0.006
21 06 78 0835			.3		29383	8	3800.	148.	24.	20.0	9.0	1.5	0.050	0.014
18 07 78 0825			.3		29398	8				22.0	7.0	0.5L	0.128	0.024
15 08 78 0925			.3		29413	8	500.	32.	8.	24.5	7.0	0.5L	0.040	0.008
20 09 78 0900			.3		29428		190.	20.	220.	12.0	10.0	0.3	0.038	0.002
14 11 78 0915			.3		29443		1500.	32.	280.	7.0	10.0	0.2	0.032	0.004
18 12 78 1000			.3		29458	4	50.	28.	12.	1.0	10.0			
MAXIMUM							3800.	148.	280.	24.5	12.0	3.0	0.128	0.026
AVG OR GEOM MN (*)							240.*	22.* D	18.* D	10.9	9.0	1.0D	0.052	0.013
MINIMUM							50.	4.	4.	1.0	6.0	0.2	0.032	0.002
NO OF SAMPLES							9	9	9	11	11	10	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 0905			.3		0.030	0.520	0.008	0.290	0.328	0.490	0.818	150.0	3.0	
08 02 78 0930			.3		0.020	0.540	0.068	0.350	0.438	0.520	0.958	310.0	15.0L	
29 03 78 0915			.3		0.070	0.530	0.020	0.360	0.450	0.460	0.910	260.0	9.0	251
25 04 78 0925			.3		0.010	0.560	0.012	0.140	0.162	0.550	0.712		5.0	
24 05 78 0900			.3		0.010		0.006	0.020L	0.036				25.0	
21 06 78 0835			.3		0.060	1.350	0.046	0.710	0.816	1.200	2.106		8.0	
18 07 78 0825			.3		0.030	1.350	0.004	0.060	0.094	1.320	1.414		7.0	
15 08 78 0925			.3		0.010	0.880	0.004	0.020L	0.034	0.870	0.904		6.0	
20 09 78 0900			.3		0.030	0.580	0.002	0.020L	0.052	0.550	0.602		7.0	
14 11 78 0915			.3		0.060	0.630	0.022	0.060	0.142	0.570	0.712	390.0	5.0L	
MAXIMUM					0.070	1.350	0.068	0.710	0.816	1.320	2.106	390.0	25.0	251
AVG OR GEOM MN (*)					0.033	0.771	0.019	0.203D	0.255	0.736	1.015	277.5	9.0D	251
MINIMUM					0.010	0.520	0.002	0.020	0.034	0.460	0.602	150.0	3.0	251
NO OF SAMPLES					10	9	10	10	10	9	9	4	10	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 0905			.3		247	380	2.60	10.0
08 02 78 0930			.3		266	410	4.20	8.5
29 03 78 0915			.3		237	365	6.40	7.0
25 04 78 0925			.3		183	280	4.50	4.0
24 05 78 0900			.3		266	410	7.80	10.0
21 06 78 0835			.3		289	445	6.50	13.0
18 07 78 0825			.3		270	415	1.40	10.0
15 08 78 0925			.3		338	520	1.40	10.0
20 09 78 0900			.3		279	430	2.30	11.0
14 11 78 0915			.3		351	540	2.10	17.0
MAXIMUM					351	540	7.80	17.0
AVG OR GEOM MN (*)					273	420	3.92	10.1
MINIMUM					183	280	1.40	4.0
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE EAST OF MCMILLAN CORNERS
STATION TYPE: RIVER

STATION ID: 12-0073-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005.
0250

STN NO: 12 LAT: LONG: U T M: 18 0513000.0 5002000.0 4 REGION: 04 MILEAGE: 23.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1125			.3		29314	4	2. L	10.	10.	1.0	7.0	0.5	0.042	0.012
08 02 78 1245			.3		29329	4	30.	20.	4. L	1.0	12.0	1.0	0.062	0.042
29 03 78 1220			.3		29344					2.0	12.0	0.5	0.042	0.024
25 04 78 1335			.3		29359	3	30.	4. L	4. L	12.0	12.0	0.5	0.036	0.012
24 05 78 1205			.3		29374		300.		8.	22.0	11.0	0.5		0.012
21 06 78 1200			.3		29389	8	1600.	880.	104.	24.0	12.0	1.5	0.064	0.032
18 07 78 1150			.3		29404	9				24.0	9.0	0.5L	0.086	0.038
15 08 78 1300			.3		29419	9	650.	720.	4.	29.0	11.0	2.0	0.160	0.028
20 09 78 1220			.3		29434	9	11000.	5100.	240.	15.0	8.0	2.9	0.130	0.064
14 11 78 1245			.3		29449		3700.	600. G	492.	9.0	12.0	1.9	0.102	0.032
18 12 78 1220			.3		29464	4	40.	40.	28.	1.0	11.0			
MAXIMUM							11000.	5100.	492.	29.0	12.0	2.9	0.160	0.064
AVG OR GEOM MN (*)							213.* D	126.* E	23.* D	12.7	10.6	1.2D	0.080	0.030
MINIMUM							2.	4.	4.	1.0	7.0	0.5	0.036	0.012
NO OF SAMPLES							9	8	9	11	11	10	9	10

(C O N T D)

STATION ID: 12-0073-012-02

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE EAST OF MCMILLAN CORNERS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 12 LAT: LONG: U T M: 18 0513000.0 5002000.0 4 REGION: 04 MILEAGE: 23.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1125			.3		0.050	1.750	0.008	0.130	0.188	1.700	1.888	230.0	1.5	
08 02 78 1245			.3		0.020	0.570	0.108	0.290	0.418	0.550	0.968	270.0	15.0L	
29 03 78 1220			.3		0.100	0.610	0.018	0.240	0.358	0.510	0.868	300.0	8.0	292
25 04 78 1335			.3		0.030	0.600	0.008	0.020L	0.058	0.570	0.628		2.0	
24 05 78 1205			.3		0.030		0.008	0.020L	0.058				9.0	
21 06 78 1200			.3		0.030	1.050	0.012	0.030	0.072	1.020	1.092		4.0	
18 07 78 1150			.3		0.030	1.400	0.006	0.090	0.126	1.370	1.496		6.0	
15 08 78 1300			.3		0.100	1.600	0.006	0.020L	0.126	1.500	1.626		16.0	
20 09 78 1220			.3		0.460	0.500	2.500	4.500	7.460	0.040	7.500		16.0	
14 11 78 1245			.3		0.030	1.500	0.008	0.320	0.358	1.470	1.828	380.0	19.0	361
MAXIMUM					0.460	1.750	2.500	4.500	7.460	1.700	7.500	380.0	19.0	361
AVG OR GEOM MN (*)					0.088	1.064	0.268	0.566D	0.922	0.970	1.988	295.0	9.70	327
MINIMUM					0.020	0.500	0.006	0.020	0.058	0.040	0.628	230.0	1.5	292
NO OF SAMPLES					10	9	10	10	10	9	9	4	10	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1125			.3		220	340	2.20	10.0
08 02 78 1245			.3		234	360	2.50	10.5
29 03 78 1220			.3		224	345	2.40	13.0
25 04 78 1335			.3		146	225	2.50	4.5
24 05 78 1205			.3		227	350	2.70	12.0
21 06 78 1200			.3		293	450	3.50	16.0
18 07 78 1150			.3		315	485	2.30	18.0
15 08 78 1300			.3		289	445	2.60	15.0
20 09 78 1220			.3		309	475	4.50	18.0
14 11 78 1245			.3		319	490	8.60	15.0
MAXIMUM					319	490	8.60	18.0
AVG OR GEOM MN (*)					258	397	3.38	13.2
MINIMUM					146	225	2.20	4.5
NO OF SAMPLES					10	10	10	10

STATION ID: 12-0073-013-02

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT HIGHWAY NO 43 MONCKLAND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 13 LAT: LONG: U T M: 18 0510400.0 5004900.0 4 REGION: 04 MILEAGE: 28.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1115			.3		29313	4	20.	10. L	10. L	1.0	8.0	0.5	0.030	0.010
08 02 78 1225			.3		29328	4	4.	12.	4. L	1.0	7.0	2.0	0.042	0.022
29 03 78 1205			.3		29343					2.0	10.0	0.5L	0.058	0.020
25 04 78 1320			.3		29358	3	10.	4. L	4.	12.0	12.0	0.5L	0.044	0.016
24 05 78 1140			.3		29373		70.	36.	28.	21.0	10.0	1.0		0.014
21 06 78 1135			.3		29388	8	330.	148.	36.	22.5	7.0	2.0	0.012	0.014
18 07 78 1130			.3		29403	8				21.0	4.0	1.0	0.140	0.040
15 08 78 1240			.3		29418	8	900.	60.	20.	25.5	7.0	1.5	0.060	0.014
20 09 78 1200			.3		29433		1100.	200.	100. L	11.0	5.0	1.5	0.134	0.020
14 11 78 1210			.3		29448		3500.	48.	440.	8.0	8.0	0.8	0.028	0.014
18 12 78 1200			.3		29463	4	10.	4.	32.	2.0	7.0			
MAXIMUM							3500.	200.	440.	25.5	12.0	2.0	0.140	0.040
AVG OR GEOM MN (*)							95.*	26.* D	25.* D	11.5	7.7	1.1D	0.061	0.018
MINIMUM							4.	4.	4.	1.0	4.0	0.5	0.012	0.010
NO OF SAMPLES							9	9	9	11	11	10	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1115			.3		0.050	0.600	0.006	0.070	0.126	0.550	0.676	210.0	1.0	
08 02 78 1225			.3		0.020	0.740	0.108	0.270	0.398	0.720	1.118	280.0	15.0L	
29 03 78 1205			.3		0.060	0.720	0.022	0.240	0.322	0.660	0.982	320.0	8.0	312
25 04 78 1320			.3		0.030	0.560	0.006	0.020L	0.056	0.530	0.586		1.0L	
24 05 78 1140			.3		0.050		0.014	0.020L	0.084				7.0	
21 06 78 1135			.3		0.100	1.300	0.018	0.020	0.138	1.200	1.338	350.0	7.0	343
18 07 78 1130			.3		0.030	1.500	0.006	0.190	0.226	1.470	1.696	510.0	13.0	
15 08 78 1240			.3		0.050	1.550	0.016	0.020	0.086	1.500	1.586		6.0	
20 09 78 1200			.3		0.010	0.200	0.112	0.180	0.302	0.190	0.492		75.0	
14 11 78 1210			.3		0.030	0.460	0.088	0.420	0.538	0.430	0.968	600.0	6.1	594
MAXIMUM					0.100	1.550	0.112	0.420	0.538	1.500	1.696	600.0	75.0	594
AVG OR GEOM MN (*)					0.043	0.848	0.040	0.145D	0.228	0.806	1.049	378.3	13.9D	416
MINIMUM					0.010	0.200	0.006	0.020	0.056	0.190	0.492	210.0	1.0	312
NO OF SAMPLES					10	9	10	10	10	9	9	6	10	3

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1115			.3		217	335	1.80	10.0
08 02 78 1225			.3		234	360	2.00	14.5
29 03 78 1205			.3		224	345	2.60	12.0
25 04 78 1320			.3		140	215	1.40	4.0
24 05 78 1140			.3		244	375	1.60	
21 06 78 1135			.3		325	500	3.50	23.0
18 07 78 1130			.3		390	600	4.30	31.0
15 08 78 1240			.3		377	580	2.90	19.0
20 09 78 1200			.3		403	620	55.00	28.0
14 11 78 1210			.3			760	3.50	36.0
MAXIMUM					403	760	55.00	36.0
AVG OR GEOM MN (*)					284	469	7.86	19.7
MINIMUM					140	215	1.40	4.0
NO OF SAMPLES					9	10	10	9

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE IN GLENDALE
STATION TYPE: RIVER

STATION ID: 12-0073-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 14 LAT: LONG: U T M: 18 0533025.0 4997775.0 4 REGION: 04 MILEAGE: 5.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1145			.3		29303	4				1.0	4.0	0.5	0.038	0.014
06 02 78 1120			.3		29318	4	10.	10. L	10.	1.0	9.0	0.5	0.034	0.016
24 04 78 1115			.3		29348	3	10. L	4. L	4. L	10.0	12.0	1.0	0.052	0.018
28 04 78 1125			.3		29333		800.	120.	584.	2.0	9.0	1.5	0.048	0.018
23 05 78 1035			.3		29363		100.	20.	4.	20.0	9.0	0.5		0.010
20 06 78 1050			.3		29378	8	900.	208.	120.	20.0	8.0	1.0	0.062	0.024
17 07 78 1000			.3		29393	5	190.	4.	4.	24.0	7.0	0.5		
14 08 78 1010			.3		29408	8	140.	12.	24.	25.5	7.0	0.5	0.042	0.014
19 09 78 1050			.3		29423		220.	8.	4.	13.0	10.0	0.3	0.036	0.006
06 11 78 1115			.3		29438		90.	24.	8.	10.0	13.0			
1200			.3		29438							0.2L	0.040	0.006
11 12 78 1500			.3		29453	4	37000.	32.	16.	1.0	7.0			
MAXIMUM							37000.	208.	584.	25.5	13.0	1.5	0.062	0.024
AVG OR GEOM MN (*)							206.* D	19.* D	15.* D	11.6	8.6	0.70	0.044	0.014
MINIMUM							10.	4.	4.	1.0	4.0	0.2	0.034	0.006
NO OF SAMPLES							10	10	10	11	11	10	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1145			.3		0.040	0.340	0.006	0.230	0.276	0.300	0.576	260.0	8.0	252
06 02 78 1120			.3		0.090	0.340	0.006	0.310	0.406	0.250	0.656	370.0	15.0L	
24 04 78 1115			.3		0.050	0.500	0.006	0.190	0.246	0.450	0.696		9.0	
28 04 78 1125			.3		0.080	0.460	0.032	0.470	0.562	0.380	0.962	290.0	17.0	273
23 05 78 1035			.3		0.010		0.006	0.020L	0.036			330.0	20.0	310
20 06 78 1050			.3		0.040	0.690	0.014	0.190	0.244	0.650	0.894	330.0	18.0	372
17 07 78 1000			.3										4.0	
14 08 78 1010			.3		0.010	0.560	0.002	0.020L	0.032	0.550	0.582		11.0	
19 09 78 1050			.3		0.010L	0.340	0.004	0.020L	0.034	0.330	0.364		8.0	
06 11 78 1200			.3		0.040	0.330	0.004	0.020	0.064	0.290	0.354	510.0	9.0	501
MAXIMUM					0.090	0.690	0.032	0.470	0.582	0.650	0.962	510.0	20.0	501
AVG OR GEOM MN (*)					0.041D	0.445	0.009	0.163D	0.213	0.400	0.636	348.3	11.9D	342
MINIMUM					0.010	0.330	0.002	0.020	0.032	0.250	0.354	260.0	4.0	252
NO OF SAMPLES					9	8	9	9	9	8	8	6	10	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78 1145			.3		309	475	7.60	22.0
06 02 78 1120			.3		351	540	7.80	24.0
24 04 78 1115			.3		270	415	9.60	16.0
28 04 78 1125			.3		325	500	7.80	27.0
23 05 78 1035			.3		338	520	16.00	27.0
20 06 78 1050			.3		338	520	15.00	33.0
17 07 78 1000			.3		338	520	2.70	23.0
14 08 78 1010			.3		332	510	2.50	34.0
19 09 78 1050			.3		442	680	2.50	65.0
06 11 78 1200			.3		396	660	5.00	58.0
MAXIMUM					442	680	16.00	65.0
AVG OR GEOM MN (*)					344	534	7.65	32.9
MINIMUM					270	415	2.50	16.0
NO OF SAMPLES					10	10	10	10

STATION ID: 12-0073-015-02

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE ON COUNTY ROAD NO 20 SOUTH OF CASHIONGLEN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 15   LAT: LONG: U T M: 18 0525400.0 4993900.0 4   REGION: 04   MILEAGE: 11.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1305			.3		29305	4				1.0	6.0	1.0	0.038	0.014
06 02 78	1225			.3		29320	4	80.	10. L	10. L	1.0	7.0	1.0	0.076	0.026
24 04 78	1200			.3		29350	3	20.	8.	4.	11.0	12.0	0.5L	0.056	0.014
28 04 78	1225			.3		29335	4	3900.	312.	680.	2.0	11.0	1.5	0.050	0.020
23 05 78	1230			.3		29365		90.	48.	4. L	21.0	12.0	1.0		0.016
20 06 78	1200			.3		29380	8	600.	256.	228.	21.0	10.0	1.0	0.042	0.024
17 07 78	1055			.3		29395	7	460.	88.	56.	25.0	8.0	0.5		
14 08 78	1045			.3		29410	7	300.	40.	4. L	26.0	6.0	1.0	0.092	0.018
19 09 78	1130			.3		29425	7	900.	72.	48.	13.0	11.0	0.2L	0.008	0.002
06 11 78	1200			.3		29440							0.2	0.070	0.008
	1225			.3		29440		90.	48.	12.	11.0	12.0			
12 12 78	1030			.3		29455	4	600.	80.	436.	1.0	6.0			
MAXIMUM								3900.	312.	680.	26.0	12.0	1.5	0.092	0.026
AVG OR GEOM MN (*)								273.*	56.* D	33.* D	12.1	9.2	0.8D	0.054	0.016
MINIMUM								20.	8.	4.	1.0	6.0	0.2	0.008	0.002
NO OF SAMPLES								10	10	10	11	11	10	8	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1305			.3		0.050	0.310	0.006	0.210	0.266	0.260	0.526		9.0	
06 02 78	1225			.3		0.090	0.330	0.006	0.370	0.466	0.240	0.706	390.0	15.0	375
24 04 78	1200			.3		0.050	0.440	0.006	0.190	0.246	0.390	0.636		10.0	
28 04 78	1225			.3		0.090	0.470	0.014	0.510	0.614	0.380	0.994	450.0	20.0	430
23 05 78	1230			.3		0.020		0.006	0.020L	0.046			370.0	30.0	340
20 06 78	1200			.3		0.090	0.450	0.024	0.260	0.374	0.360	0.734	310.0	20.0	290
17 07 78	1055			.3										48.0	
14 08 78	1045			.3		0.010	0.980	0.004	0.020L	0.034	0.970	1.004		105.0	
19 09 78	1130			.3		0.010L	0.010	0.004	0.020L	0.034	0.000	0.034		18.0	
06 11 78	1200			.3		0.040	0.580	0.006	0.020	0.066	0.540	0.606	400.0	35.0	265
MAXIMUM						0.090	0.980	0.024	0.510	0.614	0.970	1.004	450.0	105.0	430
AVG OR GEOM MN (*)						0.050D	0.446	0.008	0.180D	0.238	0.393	0.655	384.0	31.0	340
MINIMUM						0.010	0.010	0.004	0.020	0.034	0.000	0.034	310.0	9.0	265
NO OF SAMPLES						9	8	9	9	9	8	8	5	10	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1305			.3		325	500	8.00	25.0
06 02 78	1225			.3		377	580	16.00	29.0
24 04 78	1200			.3		296	455	15.00	20.0
28 04 78	1225			.3		403	620	9.00	70.0
23 05 78	1230			.3		377	580	2.40	39.0
20 06 78	1200			.3		338	520	18.00	21.0
17 07 78	1055			.3			620	25.00	64.0
14 08 78	1045			.3		358	550	42.00	46.0
19 09 78	1130			.3		351	540	1.40	35.0
06 11 78	1200			.3		494	760	2.30	87.0
MAXIMUM						494	760	42.00	87.0
AVG OR GEOM MN (*)						369	573	13.91	43.6
MINIMUM						296	455	1.40	20.0
NO OF SAMPLES						9	10	10	10

STATION ID: 12-0073-016-02

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE ON MCCONNEL AVE (CORNWALL)
STATION TYPE: RIVER   FLOW GAUGE FED 02MC009

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 16   LAT: LONG: U T M: 18 0520300.0 4988975.0 4   REGION: 04   MILEAGE: 16.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	1335			.3		29306	4					1.0	7.0	1.0	0.056
06 02 78	1255			.3		29321	4		50.	10. L	10.	1.0	6.0	0.5	0.044
24 04 78	1215			.3		29351	3		10. L	4.	4. L	11.0	14.0	0.5L	0.062
28 04 78	1240			.3		29336	4		800.	20.	132.	2.0	5.0	2.0	0.076
23 05 78	1255			.3		29366		0.76	140.	48.	8.	19.0	11.0	0.5L	
20 06 78	1310			.3		29381	8	0.80	1100.	332.	96.	20.5	11.0	1.0	0.100
17 07 78	1125			.3		29396	8	0.70	200.	48.	8.	25.0	15.0	0.5	
14 08 78	1130			.3		29411	7	0.70	2. L	4. L	4. L	26.0	12.0	0.5L	0.028
19 09 78	1150			.3		29426		0.72	70.	20.	8.	13.0	14.0	0.2	0.034
06 11 78	1200			.3		29441								0.2L	0.044
	1245			.3		29441			40.	4.	76.	11.0	8.0		
12 12 78	1100			.3		29456	4		600.	44.	80.	1.0	7.0		
MAXIMUM								0.80	1100.	332.	132.	26.0	15.0	2.0	0.100
AVG OR GEOM MN (*)								0.74	92.* D	20.* D	19.* D	11.9	10.0	0.7D	0.056
MINIMUM								0.70	2.	4.	4.	1.0	5.0	0.2	0.028
NO OF SAMPLES								5	10	10	10	11	11	10	8

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1335			.3		0.016	0.040	0.400	0.006	0.110	0.156	0.360	0.516	310.0	15.0
06 02 78	1255			.3		0.010	0.130	0.400	0.006	0.190	0.326	0.270	0.596	410.0	15.0
24 04 78	1215			.3		0.022	0.050	0.530	0.004	0.100	0.154	0.480	0.634		12.0
28 04 78	1240			.3		0.028	0.110	0.490	0.018	0.320	0.448	0.380	0.828	320.0	26.0
23 05 78	1255			.3		0.006	0.010		0.002	0.020L	0.032			360.0	10.0
20 06 78	1310			.3		0.024	0.100	1.200	0.016	0.180	0.296	1.100	1.396	430.0	25.0
17 07 78	1125			.3											17.0
14 08 78	1130			.3		0.004	0.010	0.430	0.002	0.020L	0.032	0.420	0.452		8.0
19 09 78	1150			.3		0.004	0.010L	0.230	0.004	0.020L	0.034	0.220	0.254		8.0
06 11 78	1200			.3		0.010	0.040	0.320	0.004	0.020L	0.064	0.280	0.344	310.0	20.0
MAXIMUM						0.028	0.130	1.200	0.018	0.320	0.448	1.100	1.396	430.0	26.0
AVG OR GEOM MN (*)						0.014	0.056D	0.500	0.007	0.109D	0.171	0.439	0.628	356.7	15.6
MINIMUM						0.004	0.010	0.230	0.002	0.020	0.032	0.220	0.254	310.0	8.0
NO OF SAMPLES						9	9	8	9	9	9	8	8	6	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 01 78	1335			.3		295	325	500	13.00	26.0
06 02 78	1255			.3		395	403	620	15.00	35.0
24 04 78	1215			.3			300	460	16.00	22.0
28 04 78	1240			.3		294	416	640	17.00	65.0
23 05 78	1255			.3		350	377	580	5.40	32.0
20 06 78	1310			.3		405	429	660	19.00	49.0
17 07 78	1125			.3			309	475	10.00	45.0
14 08 78	1130			.3			309	475	3.20	42.0
19 09 78	1150			.3			338	520	5.60	38.0
06 11 78	1200			.3		290	455	700	19.00	60.0
MAXIMUM						405	455	700	19.00	65.0
AVG OR GEOM MN (*)						338	366	563	12.32	41.4
MINIMUM						290	300	460	3.20	22.0
NO OF SAMPLES						6	10	10	10	10

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE ON COUNTY ROAD NO 15 (AVONDALEDRIVE)
STATION TYPE: RIVER FLOW GAUGE FED 02MC009

STATION ID: 12-0073-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 17 LAT: LONG: U T M: 18 0510900.0 4986875.D 4 REGION: 04 MILEAGE: 23.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78	1020			.3		29311	4		20.	20.	10.	1.0	10.0	0.5	0.052
08 02 78	1100			.3		29326	4		30.	4. L	4. L	1.0	11.0	2.0	0.136
29 03 78	1030			.3		29341						2.0	13.0	0.5	0.062
25 04 78	1030			.3		29356	3		40.	16.	4. L	11.0	7.0	0.5L	0.040
24 05 78	1010			.3		29371		0.77	200.	40.	28.	18.0	12.0	0.5	
21 06 78	1015			.3		29386	8	0.76	12600.	316.	180.	21.0	12.0	1.0	0.126
18 07 78	1020			.3		29401	9	0.71				22.0	12.0	0.5L	0.074
15 08 78	1050			.3		29416	8	0.69	220.	8.	4.	26.0	13.0	0.5	0.112
20 09 78	1000			.3		29431		0.70	3000.	330.	210.	16.0	13.0	1.5	0.280
14 11 78	1030			.3		29446			10200.	1000.	312.	10.0	11.0	2.3	0.080
18 12 78	1105			.3		29461	4		80.	8.	4.	1.0	13.0		
MAXIMUM								0.77	12600.	1000.	312.	26.0	13.0	2.3	0.280
AVG OR GEOM MN (*)								0.73	317.*	41.* D	21.* D	11.7	11.5	1.0D	0.107
MINIMUM								0.69	20.	4.	4.	1.0	7.0	0.5	0.040
NO OF SAMPLES								5	9	9	9	11	11	10	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	1020			.3		0.014	0.020	0.300	0.004	0.080	0.104	0.280	0.384	320.0	15.0
08 02 78	1100			.3		0.028	0.020	0.370	0.006	0.170	0.196	0.350	0.546	420.0	60.0
29 03 78	1030			.3		0.018	0.050	0.350	0.008	0.170	0.228	0.300	0.528	380.0	20.0
25 04 78	1030			.3		0.014	0.020	0.370	0.004	0.040	0.064	0.350	0.414		6.0
24 05 78	1010			.3		0.052	0.010		0.004	0.020	0.034				10.0
21 06 78	1015			.3		0.076	0.030	0.810	0.006	0.030	0.066	0.780	0.846		8.0
18 07 78	1020			.3		0.044	0.010	0.460	0.004	0.160	0.174	0.450	0.624		19.0
15 08 78	1050			.3		0.024	0.010	0.350	0.006	0.070	0.086	0.340	0.426		13.0
20 09 78	1000			.3		0.112	0.010L	0.520	0.008	0.160	0.178	0.510	0.688		75.0
14 11 78	1030			.3		0.026	0.030	0.510	0.018	0.400	0.448	0.480	0.928	410.0	22.0
MAXIMUM						0.112	0.050	0.810	0.018	0.400	0.448	0.780	0.928	420.0	75.0
AVG OR GEOM MN (*)						0.041	0.021D	0.449	0.007	0.130	0.158	0.427	0.598	382.5	24.8
MINIMUM						0.014	0.010	0.300	0.004	0.020	0.034	0.280	0.384	320.0	6.0
NO OF SAMPLES						10	10	9	10	10	10	9	9	4	10

(CONTD)

STATION ID: 12-0073-017-02

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE ON COUNTY ROAD NO 15 (AVONDALEDRIVE)
STATION TYPE: RIVER FLOW GAUGE FED 02MC009

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

STN NO: 17 LAT: LONG: U T M: 18 0510900.0 4986875.0 4 REGION: 04 MILEAGE: 23.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 01 78 1020			.3			325	500	8.20	39.0
08 02 78 1100			.3		360	325	500	20.00	29.0
29 03 78 1030			.3		360	315	485	16.00	36.0
25 04 78 1030			.3			267	411	5.80	20.5
24 05 78 1010			.3			325	500	5.50	32.0
21 06 78 1015			.3			351	540	4.40	33.0
18 07 78 1020			.3			293	450	6.10	33.0
15 08 78 1050			.3			270	415	3.40	36.0
20 09 78 1000			.3			263	405	41.00	36.0
14 11 78 1030			.3		388	351	540	17.00	34.0
MAXIMUM					388	351	540	41.00	39.0
AVG OR GEOM MN (*)					369	309	475	12.74	32.9
MINIMUM					360	263	405	3.40	20.5
NO OF SAMPLES					3	10	10	10	10

STATION ID: 13-0000-003-02

B.O.W./ SITE: ST. MARYS RIVER
SAMPLE POINT: AT HURON STREET DAM (CENTRE)
STATION TYPE: RIVER FLOW GAUGE FED 02CA001

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON

STORET CODE: 02
002

STN NO: 3 LAT: LONG: U T M: 16 0703360.0 5154450.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 02 78 1615			.3		24006	77300.00	0.	0.	0.	0.0	16.0	0.8	0.001	0.001
24 03 78 1410			.3		24028	76100.00				0.0	12.0	0.2	0.001	0.001L
28 05 78 1730			.3		24051	81900.00	0.	0.		6.0	15.0	2.2	0.008	0.001L
09 07 78 1610			.3		24074	86400.00	2.	0.	4.	14.0	8.0	2.4	0.014	0.001
03 08 78 1530			.3		24097	93000.00	4.	2.	14.	15.0	8.0	0.4	0.153	0.135
23 09 78 1715			.3		24120	97400.00	6.	0.	2.	12.0	9.0	0.2	0.002	0.002
29 10 78 1200			.3		24143	99000.00	22.	4.		7.0	11.0	0.4	0.006	0.001
10 12 78 1625			.3		24166	74500.00	460.	8.		1.0	8.0	0.2	0.007	0.001
MAXIMUM						99000.00	460.	8.	14.	15.0	16.0	2.4	0.153	0.135
AVG OR GEOM MN (*)						85700.00	6.*	2.*	3.*	6.9	10.9	0.9	0.024	0.018D
MINIMUM						74500.00	0.	0.	0.	0.0	8.0	0.2	0.001	0.001
NO OF SAMPLES						8	7	7	4	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
04 02 78 1615			.3		0.014	0.120	0.001	0.279	0.294	0.106	0.400	64.0	0.5	63
24 03 78 1410			.3		0.010	0.160	0.002	0.298	0.310	0.150	0.460	66.0	0.8	65
28 05 78 1730			.3		0.094	0.480	0.002	0.315	0.411	0.386	0.797	69.0	3.6	65
09 07 78 1610			.3		0.014	1.870	0.002	0.258	0.274	1.856	2.130	68.0	3.2	65
03 08 78 1530			.3		0.052	0.360	0.005	0.225	0.282	0.308	0.590	67.0	2.7	64
23 09 78 1715			.3		0.008	0.130	0.003	0.275	0.286	0.122	0.408	64.0	0.6	63
29 10 78 1200			.3		0.017	0.150	0.003	0.290	0.310	0.133	0.443	59.0	1.0	58
10 12 78 1625			.3		0.022	0.120	0.002	0.318	0.342	0.098	0.440	66.0	0.7	65
MAXIMUM					0.094	1.870	0.005	0.318	0.411	1.856	2.130	69.0	3.6	65
AVG OR GEOM MN (*)					0.029	0.424	0.003	0.282	0.314	0.395	0.709	65.4	1.6	64
MINIMUM					0.008	0.120	0.001	0.225	0.274	0.098	0.400	59.0	0.5	58
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
04 02 78 1615			.3		97	1.30	1.4	3.5	1.10	2.0	44	7.63	0.080	1.0
24 03 78 1410			.3		100	2.60	1.6	3.5	1.30	1.3	44	7.79	0.120	3.0
28 05 78 1730			.3		101	0.50	2.0	3.5	1.20	2.1	43	7.78	0.200	1.0
09 07 78 1610			.3		100	1.70	2.1	4.0	1.15	1.7	40	7.49	0.040	1.0
03 08 78 1530			.3		98	1.10	1.7	4.0	1.25	3.6	43	7.32	0.050	1.0L
23 09 78 1715			.3		97	0.50	1.4	3.5	1.40	0.9	45	7.93	0.020	1.0L
29 10 78 1200			.3		90	1.50	1.7	4.0	1.40	0.9	44	7.44	0.100	1.0
10 12 78 1625			.3		100	1.00	2.0	4.0	1.30	1.4	45	7.89	0.090	1.0L
MAXIMUM					101	2.60	2.1	4.0	1.40	3.6	45	7.93	0.200	3.0
AVG OR GEOM MN (*)					98	1.28	1.7	3.8	1.26	1.7	44	7.66	0.088	1.3D
MINIMUM					90	0.50	1.4	3.5	1.10	0.9	40	7.32	0.020	1.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L
04 02 78 1615			.3		45.0	13.60	2.70	5	0.50	1.50		13		0.001L
24 03 78 1410			.3		44.0	13.00	2.80	5	0.65	1.80		17		
28 05 78 1730			.3		44.0	13.20	2.75	4	0.90	1.90		10L		0.001L
09 07 78 1610			.3		44.0	13.00	2.70	0	0.50	1.80	2.8	22		0.001
03 08 78 1530			.3		45.0	13.60	2.80	9	0.65	1.50		16	0	0.001
23 09 78 1715			.3		44.0	13.20	2.70	14	0.50	1.90		10L		0.001
29 10 78 1200			.3		46.0	14.20	2.60	6	0.60	1.70		32		0.001
10 12 78 1625			.3		45.0	13.40	2.70	5	0.60	1.80		18		0.001
MAXIMUM					46.0	14.20	2.80	14	0.90	1.90	2.8	32	0	0.001
AVG OR GEOM MN (*)					44.6	13.40	2.72	6	0.61	1.74	2.8	17D	0	0.001D
MINIMUM					44.0	13.00	2.60	0	0.50	1.50	2.8	10	0	0.001
NO OF SAMPLES					8	8	8	8	8	8	1	8	1	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
04 02 78 1615			.3		0.120	0.020L	0.040	0.030L	0.005L	0.010	0.005	0.020L		0.020L
24 03 78 1410			.3								0.010			
28 05 78 1730			.3		0.100	0.020L	0.280	0.030L	0.005L	0.020	0.008	0.020L	0.01L	0.020L
09 07 78 1610			.3		0.150	0.040L	0.020	0.030L	0.005L	0.080	0.006	0.020L	0.01L	0.020L
03 08 78 1530			.3		0.10	0.04 L	0.08	0.03 L	0.005L	0.16	0.005	0.020	0.01L	0.02 L
23 09 78 1715			.3		0.120	0.020L	0.020	0.030L	0.005L	0.010L	0.002	0.020L	0.01L	0.020L
29 10 78 1200			.3		0.05 L	0.02 L	0.01	0.03 L	0.005L	0.01	0.013	0.02 L	0.01L	0.02 L
10 12 78 1625			.3		0.050L	0.020L	0.050	0.030L	0.005L	0.010	0.009	0.020L	0.01L	0.020L
MAXIMUM					0.150	0.040	0.280	0.030	0.005	0.16	0.013	0.020	0.01	0.020
AVG OR GEOM MN (*)					0.099D	0.026D	0.071	0.030D	0.005D	0.043D	0.007	0.020D	0.01D	0.020D
MINIMUM					0.05	0.020	0.01	0.030	0.005	0.010	0.002	0.020	0.01	0.020
NO OF SAMPLES					7	7	7	7	7	7	8	7	6	7

B.O.W./ SITE: ST.MARYS RIVER
SAMPLE POINT: AT BELL'S POINT DOCK
STATION TYPE: RIVER

STATION ID: 13-0000-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON

STORET CODE: 02
002

STN NO: 5 LAT: LONG: U T M: 16 0713550.0 5157325.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1330			.3		24003	0.	0.	0.	0.0	15.0	1.5	0.019	0.011	0.342
24 03 78 1250			.3		24025				0.0	12.0	0.2	0.014	0.005	0.202
28 05 78 1300			.3		24047	400.	8.		10.0	13.0	1.4	0.027	0.001	0.016
09 07 78 1800			.3		24070	1100.	100.	200. G	15.0	6.0	1.4	0.033	0.003	0.230
03 08 78 1200			.3		24093	0.	0.	20.	17.0	7.0	0.8	0.031	0.004	0.192
23 09 78 1310			.3		24116	400.	26.	98.	11.0	9.0	0.4	0.035	0.004	0.168
29 10 78 0930			.3		24139	500.	8.		4.0	10.0	0.8	0.009	0.002	0.097
10 12 78 1425			.3		24162	500.	40.		0.0	7.0	0.2	0.013	0.004	0.280
MAXIMUM						1100.	100.	200.	17.0	15.0	1.5	0.035	0.011	0.342
AVG OR GEOM MN (*)						89.*	9.*	25.* U	7.1	9.9	0.8	0.023	0.004	0.191
MINIMUM						0.	0.	0.	0.0	6.0	0.2	0.009	0.001	0.016
NO OF SAMPLES						7	7	4	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1330			.3		0.490	0.002	0.293	0.637	0.148	0.785	70.0	0.9	69	106
24 03 78 1250			.3		0.390	0.005	0.308	0.515	0.188	0.703	75.0	6.4	69	107
28 05 78 1300			.3		0.470	0.009	0.295	0.320	0.454	0.774	70.0	5.2	65	100
09 07 78 1800			.3		0.680	0.002	0.248	0.480	0.450	0.930	71.0	8.8	62	96
03 08 78 1200			.3		0.510	0.029	0.220	0.441	0.318	0.759	73.0	10.0	63	97
23 09 78 1310			.3		0.840	0.005	0.285	0.458	0.672	1.130	80.0	14.0	66	101
29 10 78 0930			.3		0.210	0.007	0.290	0.394	0.113	0.507	65.0	1.4	64	98
10 12 78 1425			.3		0.460	0.005	0.320	0.605	0.180	0.785	71.0	0.7	70	108
MAXIMUM					0.840	0.029	0.320	0.637	0.672	1.130	80.0	14.0	70	108
AVG OR GEOM MN (*)					0.506	0.008	0.282	0.481	0.315	0.797	71.9	5.9	66	102
MINIMUM					0.210	0.002	0.220	0.320	0.113	0.507	65.0	0.7	62	96
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1330			.3		3.30	2.3	4.5	1.25	3.3	47	7.35	0.100	3.0	47.0
24 03 78 1250			.3		1.20	2.6	4.5	1.45	4.7	44	7.38	0.320	6.0	47.0
28 05 78 1300			.3		2.00	2.1	3.5	1.15	1.2	39	7.75	0.150	3.0	45.0
09 07 78 1800			.3		3.40	1.6	4.5	1.15	1.5	43	7.69	0.460	5.0	45.0
03 08 78 1200			.3		3.20	1.7	4.0	1.35	3.7	43	7.27	0.500	2.0	45.0
23 09 78 1310			.3		2.50	2.2	3.0	1.30	2.9	45	7.43	0.520	1.0	45.0
29 10 78 0930			.3		1.60	1.8	4.0	1.20	2.2	44	7.52	0.160	3.0	43.0
10 12 78 1425			.3		1.10	2.3	5.5	1.35	2.0	48	7.32	0.090	5.0	47.0
MAXIMUM					3.40	2.6	5.5	1.45	4.7	48	7.75	0.520	6.0	47.0
AVG OR GEOM MN (*)					2.29	2.1	4.2	1.28	2.7	44	7.46	0.288	3.5	45.5
MINIMUM					1.10	1.6	3.0	1.15	1.2	39	7.27	0.090	1.0	43.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
04 02 78 1330			.3		14.00	2.85	5	0.70	2.20		17	0.001	0.060	0.020L
24 03 78 1250			.3		13.80	2.95	10	0.70	2.30		23	0.001	0.050L	0.020L
28 05 78 1300			.3		13.40	2.75	5	0.95	2.10		10L	0.001L	0.080	0.020L
09 07 78 1800			.3		13.40	2.75	15	0.60	1.70	2.1	20	0.002	0.370	0.040L
03 08 78 1200			.3		13.60	2.80	9	0.65	1.50		13	0.01	0.15	0.04 L
23 09 78 1310			.3		13.40	2.75	16	0.55	1.50		29	0.001	0.520	0.040L
29 10 78 0930			.3		13.00	2.60	10	0.65	1.70		19	0.001	0.05 L	0.02 L
10 12 78 1425			.3		14.20	2.75	11	0.60	2.30		20	0.001	0.050L	0.020L
MAXIMUM					14.20	2.95	16	0.95	2.30	2.1	29	0.01	0.520	0.040
AVG OR GEOM MN (*)					13.60	2.78	10	0.68	1.91	2.1	19D	0.002D	0.166D	0.028D
MINIMUM					13.00	2.60	5	0.55	1.50	2.1	10	0.001	0.050	0.020
NO OF SAMPLES					8	8	8	8	8	1	8	8	8	8

(C O N T D)

B.O.W./ SITE: ST.MARYS RIVER
SAMPLE POINT: AT BELL'S POINT DOCK
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
STATION ID: 13-0000-005-02
STORET CODE: 02 002

STN NO: 5 LAT: LONG: U T M: 16 0713550.0 5157325.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
04 02 78 1330			.3		0.020	0.030L	0.005L	0.020	0.010	0.020L		0.020L
24 03 78 1250			.3		0.010	0.030L	0.005L	0.010	0.015	0.020L		0.020L
28 05 78 1300			.3		0.020	0.030L	0.005L	0.010	0.014	0.020L		0.020L
09 07 78 1800			.3		0.070	0.030L	0.005L	0.120	0.036	0.020L	0.05	0.020L
03 08 78 1200			.3		0.03	0.03 L	0.005L	0.18	0.014	0.020	0.01L	0.02 L
23 09 78 1310			.3		0.030	0.030L	0.005L	0.320	0.056		0.01L	0.020L
29 10 78 0930			.3		0.01	0.03 L	0.005L	0.01 L	0.007	0.02 L	0.01L	0.02 L
10 12 78 1425			.3		0.010L	0.030L	0.005L	0.010L	0.011	0.020L	0.03	0.020L
MAXIMUM					0.070	0.030	0.005	0.320	0.056	0.020	0.05	0.020
AVG OR GEOM MN (*)					0.025D	0.030D	0.005D	0.085D	0.020	0.020D	0.02D	0.020D
MINIMUM					0.010	0.030	0.005	0.010	0.007	0.020	0.01	0.020
NO OF SAMPLES					8	8	8	8	8	7	5	8

B.O.W./ SITE: ST.MARYS RIVER
SAMPLE POINT: AT PRIVATE DOCK EAST OF SAULT STE-MARIE GOLF CLUB
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
STATION ID: 13-0000-006-02
STORET CODE: 02 002

STN NO: 6 LAT: LONG: U T M: 16 0709475.0 5152650.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1400			.3		24004	22.	4.	0.	0.0	15.0	1.0	0.008	0.001L	0.086
24 03 78 1310			.3		24026				0.0	13.0	0.2	0.002	0.001	0.086
28 05 78 1400			.3		24048	40.	4.		10.0	12.0	0.8	0.018	0.001L	0.116
09 07 78 1745			.3		24071	900.	480.	200. G	13.0	9.0	1.6	0.012	0.001L	0.420
03 08 78 1240			.3		24094	38.	4.	76.	17.0	10.0	0.2	0.042	0.024	0.182
23 09 78 1350			.3		24117	800.	100.	72.	15.0	9.0	0.4	0.439	0.015	0.154
29 10 78 1015			.3		24140	700.	24.		6.0	10.0	1.0	0.007	0.001	0.086
10 12 78 1450			.3		24163	50.	10.		0.0	12.0	0.2	0.012	0.001	0.370
MAXIMUM						900.	480.	200.	17.0	15.0	1.6	0.439	0.024	0.420
AVG OR GEOM MN (*)						136.*	18.*	32.* U	7.6	11.3	0.7	0.068	0.006D	0.188
MINIMUM						22.	4.	0.	0.0	9.0	0.2	0.002	0.001	0.086
NO OF SAMPLES						7	7	4	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1400			.3		0.230	0.001L	0.289	0.376	0.144	0.520	68.0	0.9	67	103
24 03 78 1310			.3		0.230	0.002	0.293	0.381	0.144	0.525	69.0	1.4	68	104
28 05 78 1400			.3		0.500	0.003	0.290	0.409	0.384	0.793	71.0	6.1	65	99
09 07 78 1745			.3		1.030	0.003	0.262	0.685	0.610	1.295	68.0	2.4	66	102
03 08 78 1240			.3		0.460	0.007	0.255	0.444	0.278	0.722	73.0	7.1	66	102
23 09 78 1350			.3		0.410	0.007	0.295	0.456	0.256	0.712	76.0	5.5	70	108
29 10 78 1015			.3		0.250	0.004	0.290	0.380	0.164	0.544	68.0	1.3	67	103
10 12 78 1450			.3		0.550	0.003	0.322	0.695	0.180	0.875	71.0	2.0	69	106
MAXIMUM					1.030	0.007	0.322	0.695	0.610	1.295	76.0	7.1	70	108
AVG OR GEOM MN (*)					0.458	0.004D	0.287	0.478	0.270	0.748	70.5	3.3	67	103
MINIMUM					0.230	0.001	0.255	0.376	0.144	0.520	68.0	0.9	65	99
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1400			.3		1.70	1.9	4.0	1.20	2.3	46	7.50	0.140	4.0	46.0
24 03 78 1310			.3		1.70	2.7	3.5	1.40	2.1	44	7.86	0.180	7.0	46.0
28 05 78 1400			.3		1.80	2.0	4.0	1.35	1.7	44	7.29	0.310	7.0	46.0
09 07 78 1745			.3		3.80	2.1	5.5	1.15	1.6	44	7.48	0.200	10.0	46.0
03 08 78 1240			.3		1.60	2.2	4.0	1.25	2.9	44	7.36	0.380	5.0	48.0
23 09 78 1350			.3		2.60	2.9	4.5	1.45	1.2	49	6.65	0.120	1.0	49.0
29 10 78 1015			.3		1.50	2.1	5.0	1.45	1.9	44	7.54	0.040	1.0	45.0
10 12 78 1450			.3		1.90	2.2	5.5	1.70	1.7	47	7.69	0.150	9.0	47.0
MAXIMUM					3.80	2.9	5.5	1.70	2.9	49	7.86	0.380	10.0	49.0
AVG OR GEOM MN (*)					2.08	2.3	4.5	1.37	1.9	45	7.42	0.190	5.5	46.6
MINIMUM					1.50	1.9	3.5	1.15	1.2	44	6.65	0.040	1.0	45.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
04 02 78 1400			.3		13.80	2.85	5	0.70	2.10		15			
24 03 78 1310			.3		13.60	2.85	10	0.60	2.60		12		0.001	0.050L
28 05 78 1400			.3		13.80	2.85	8	0.65	2.00		10L		0.001	0.330
09 07 78 1745			.3		13.60	2.90	11	0.80	2.40	2.4	22		0.002	0.260
03 08 78 1240			.3		12.00	4.45	7	0.70	2.20		18	1	0.001	0.22
23 09 78 1350			.3		14.60	3.00	18	0.95	2.40		27		0.001	1.800
29 10 78 1015			.3		13.60	2.65	10	0.65	2.00		30		0.001	0.14
10 12 78 1450			.3		14.20	2.80	10	0.65	1.90		20		0.001	0.090
MAXIMUM					14.60	4.45	18	0.95	2.60	2.4	30	1	0.002	1.800
AVG OR GEOM MN (*)					13.65	3.04	10	0.71	2.20	2.4	19D	1	0.001	0.413D
MINIMUM					12.00	2.65	5	0.60	1.90	2.4	10	1	0.001	0.050
NO OF SAMPLES					8	8	8	8	8	1	8	1	7	7

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
04 02 78 1400			.3							0.012			
24 03 78 1310			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.012	0.020L		0.020L
28 05 78 1400			.3		0.020L	0.040	0.030L	0.005L	0.020	0.016	0.020L	0.05	0.020L
09 07 78 1745			.3		0.040L	0.080	0.030L	0.005L	0.110	0.040	0.020L	0.10	0.020L
03 08 78 1240			.3		0.04 L	0.12	0.03 L	0.005L	0.18	0.012	0.020	0.01L	0.02 L
23 09 78 1350			.3		0.040L	0.060	0.030L	0.005L	0.440	0.092	0.020L	0.01L	0.020L
29 10 78 1015			.3		0.02 L	0.06	0.03 L	0.005L	0.01	0.007	0.02 L	0.01L	0.02 L
10 12 78 1450			.3		0.020L	0.020	0.030L	0.005L	0.010	0.017	0.020L	0.09	0.020L
MAXIMUM					0.040	0.12	0.030	0.005	0.440	0.092	0.020	0.10	0.020
AVG OR GEOM MN (*)					0.029D	0.056D	0.030D	0.0050	0.111D	0.026	0.020D	0.05D	0.020D
MINIMUM					0.020	0.010	0.030	0.005	0.010	0.007	0.020	0.01	0.020
NO OF SAMPLES					7	7	7	7	7	8	7	6	7

B.O.W./ SITE: ST.MARYS RIVER
SAMPLE POINT: AT SAULT STE MARIE CIVIC CENTRE
STATION TYPE: RIVER

STATION ID: 13-0000-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON

STORET CODE: 02 002

STN NO: 7 LAT: LONG: U T M: 16 0704525.0 5153675.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1530			.3		24005	8.	0.	0.	0.0	17.0	2.0	0.006	0.001	0.348
24 03 78 1330			.3		24027				0.0	13.0	0.2	0.015	0.001L	0.058
28 05 78 1630			.3		24049	36.	4.		10.0	14.0	3.5	0.004	0.001L	0.141
09 07 78 1730			.3		24072	300.	50.	54.	14.0	8.0	1.5	0.009	0.001L	0.410
03 08 78 1415			.3		24095	28.	14.	24.	15.0	9.0	0.4	0.012	0.006	0.208
23 09 78 1410			.3		24118	1000.	10.	8.	13.0	10.0	0.6	0.022	0.002	0.168
29 10 78 1100			.3		24141	400.	14.		6.0	12.0	1.4	0.005	0.001	0.089
10 12 78 1535			.3		24164	42.	0.		1.0	11.0	0.8	0.028	0.020	0.410
MAXIMUM						1000.	50.	54.	15.0	17.0	3.5	0.028	0.020	0.410
AVG OR GEOM MN (*)						88.*	6.*	10.*	7.4	11.8	1.3	0.013	0.004D	0.229
MINIMUM						8.	0.	0.	0.0	8.0	0.2	0.004	0.001	0.058
NO OF SAMPLES						7	7	4	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1530			.3		0.530	0.001	0.254	0.603	0.182	0.785	70.0	1.0	69	106
24 03 78 1330			.3		0.320	0.002	0.298	0.358	0.262	0.620	68.0	2.4	66	102
28 05 78 1630			.3		0.590	0.003	0.295	0.439	0.449	0.888	66.0	1.4	65	100
09 07 78 1730			.3		0.810	0.006	0.279	0.695	0.400	1.095	70.0	5.5	65	100
03 08 78 1415			.3		0.470	0.009	0.260	0.477	0.262	0.739	68.0	2.4	66	101
23 09 78 1410			.3		0.720	0.005	0.315	0.488	0.552	1.040	69.0	4.1	65	100
29 10 78 1100			.3		0.250	0.003	0.290	0.382	0.161	0.543	63.0	2.8	60	92
10 12 78 1535			.3		0.570	0.002	0.313	0.725	0.160	0.885	69.0	2.0	67	103
MAXIMUM					0.810	0.009	0.315	0.725	0.552	1.095	70.0	5.5	69	106
AVG OR GEOM MN (*)					0.533	0.004	0.288	0.521	0.304	0.824	67.9	2.7	65	101
MINIMUM					0.250	0.001	0.254	0.358	0.160	0.543	63.0	1.0	60	92
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1530			.3		2.30	2.1	4.5	1.15	2.1	50	7.69	0.750	13.0	45.0
24 03 78 1330			.3		1.80	2.1	4.0	1.20	2.7	44	7.78	0.170	9.0	44.0
28 05 78 1630			.3		1.30	2.7	4.5	1.20	4.0	44	7.64	0.070	7.0	45.0
09 07 78 1730			.3		1.90	2.0	5.0	1.20	1.5	43	7.64	0.200	8.0	45.0
03 08 78 1415			.3		1.40	2.0	4.0	1.25	3.3	45	7.18	0.220	10.0	45.0
23 09 78 1410			.3		1.60	2.4	3.5	1.40	3.3	45	7.45	0.660	5.0	45.0
29 10 78 1100			.3		1.60	1.8	4.0	1.35	1.4	44	7.54	0.190	10.0	44.0
10 12 78 1535			.3		1.50	2.0	5.0	1.45	1.7	45	7.47	0.170	12.0	53.0
MAXIMUM					2.30	2.7	5.0	1.45	4.0	50	7.78	0.750	13.0	53.0
AVG OR GEOM MN (*)					1.68	2.1	4.3	1.28	2.5	45	7.55	0.304	9.3	45.8
MINIMUM					1.30	1.8	3.5	1.15	1.4	43	7.18	0.070	5.0	44.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
04 02 78 1530			.3		13.60	2.75	5	0.65	2.10		13		0.001	0.200
24 03 78 1330			.3		13.20	2.80	5	0.75	2.00		17		0.001	0.140
28 05 78 1630			.3		13.40	2.75	5	1.60	3.10		10L		0.001	0.070
09 07 78 1730			.3		13.60	2.75	13	0.75	1.50	2.0	20		0.002	0.280
03 08 78 1415			.3		13.60	2.80	7	0.80	1.80		10	1	0.001	0.14
23 09 78 1410			.3		13.60	2.75	23	0.65	2.00		27		0.001	0.200
29 10 78 1100			.3		13.20	2.60	7	0.65	1.70		30		0.001	0.09
10 12 78 1535			.3		17.00	2.50	10	0.65	1.90		20		0.002	0.140L
MAXIMUM					17.00	2.80	23	1.60	3.10	2.0	30	1	0.002	0.280
AVG OR GEOM MN (*)					13.90	2.71	9	0.81	2.01	2.0	18D	1	0.001	0.158D
MINIMUM					13.20	2.50	5	0.65	1.50	2.0	10	1	0.001	0.070
NO OF SAMPLES					8	8	8	8	8	1	8	1	8	8

(C O N T D)

B.O.W./ SITE: ST.MARYS RIVER
SAMPLE POINT: AT SAULT STE MARIE CIVIC CENTRE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
STATION ID: 13-0000-007-02
STORET CODE: 02 002

STN NO: 7 LAT: LONG: U T M: 16 0704525.0 5153675.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
04 02 78 1530			.3		0.020L	0.040	0.030L	0.005L	0.020	0.020	0.020L		0.020L
24 03 78 1330			.3		0.020L	0.050	0.030L	0.005L	0.030	0.012	0.020L		0.020L
28 05 78 1630			.3		0.020L	0.050	0.030L	0.005L	0.030	0.019	0.200	0.05	0.020L
09 07 78 1730			.3		0.060	0.070	0.030L	0.005L	0.080	0.040	0.020L	0.13	0.020L
03 08 78 1415			.3		0.04 L	0.06	0.03 L	0.005L	0.22	0.012	0.020	0.01L	0.02 L
23 09 78 1410			.3		0.040L	0.040	0.030L	0.005L	0.050	0.158		0.01L	0.020L
29 10 78 1100			.3		0.02 L	0.01	0.03 L	0.005L	0.01 L	0.010	0.02 L	0.01	0.02 L
10 12 78 1535			.3		0.020L	0.010	0.030	0.005L	0.020	0.011	0.020L		0.020L
MAXIMUM					0.060	0.070	0.030	0.005	0.22	0.158	0.200	0.13	0.020
AVG OR GEOM MN (*)					0.030D	0.041	0.030D	0.005D	0.058D	0.035	0.046D	0.04D	0.020D
MINIMUM					0.020	0.01	0.030	0.005	0.01	0.010	0.020	0.01	0.020
NO OF SAMPLES					8	8	8	8	8	8	7	5	8

B.O.W./ SITE: ST MARYS RIVER
SAMPLE POINT: AT HIGHWAY NO.2 SAULT SAINTE MARIE MICHIGAN U S A
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
STATION ID: 13-0000-008-02
STORET CODE: 02 002

STN NO: 8 LAT: LONG: U T M: 16 0700350.0 5152250.0 4 REGION: 05

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1715			.3		24008	0.	0.	0.	0.0	16.0	0.4	0.007	0.001	0.006
24 03 78 1450			.3		24030				0.0	13.0	0.2	0.161	0.125	0.016
09 07 78 1540			.3		24075	12.	12.	54.	13.0	4.0	0.4	0.023	0.006	0.048
03 08 78 1600			.3		24098	0.	0.	0.	14.0	8.0	0.2	0.030	0.001	0.062
24 09 78 1720			.3		24121	200.	42.	200. G	12.0	9.0	2.2	0.022	0.001	0.138
29 10 78 1500			.3		24144	2.	0.		7.0	10.0	1.0	0.030	0.025	0.006
MAXIMUM						200.	42.	200.	14.0	16.0	2.2	0.161	0.125	0.138
AVG OR GEOM MN (*)						5.*	3.*	10.* U	7.7	10.0	0.7	0.046	0.027	0.046
MINIMUM						0.	0.	0.	0.0	4.0	0.2	0.007	0.001	0.006
NO OF SAMPLES						5	5	4	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1715			.3		0.090	0.001L	0.265	0.272	0.084	0.356	62.0	0.1	62	96
24 03 78 1450			.3		0.220	0.005	0.295	0.316	0.204	0.520	65.0	2.1	63	97
09 07 78 1540			.3		0.570	0.003	0.267	0.318	0.522	0.840	61.0	1.2	60	93
03 08 78 1600			.3		0.280	0.003	0.195	0.260	0.218	0.478	63.0	2.0	61	94
24 09 78 1720			.3		0.860	0.005	0.280	0.423	0.722	1.145	71.0	5.4	66	101
29 10 78 1500			.3		0.150	0.002	0.300	0.308	0.144	0.452	64.0	1.6	62	95
MAXIMUM					0.860	0.005	0.300	0.423	0.722	1.145	71.0	5.4	66	101
AVG OR GEOM MN (*)					0.362	0.003D	0.267	0.316	0.316	0.632	64.3	2.1	62	96
MINIMUM					0.090	0.001	0.195	0.260	0.084	0.356	61.0	0.1	60	93
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1715			.3		0.70	1.2	3.5	1.10	1.5	44	7.74	0.030	2.0	44.0
24 03 78 1450			.3		1.40	1.5	4.0	1.20	2.0	43	7.75	0.020	3.0	44.0
09 07 78 1540			.3		1.40	1.8	4.0	1.25	0.8	43	7.91	0.080	1.0	44.0
03 08 78 1600			.3		0.40	1.5	3.5	1.30	0.9	42	7.45	0.050	1.0L	44.0
24 09 78 1720			.3		1.90	2.2	3.0	1.30	3.5	45	7.47	0.060	1.0L	44.0
29 10 78 1500			.3		1.50	1.4	3.5	1.60	1.2	44	7.73	0.060	1.0L	43.0
MAXIMUM					1.90	2.2	4.0	1.60	3.5	45	7.91	0.080	3.0	44.0
AVG OR GEOM MN (*)					1.22	1.6	3.6	1.29	1.6	44	7.68	0.050	1.5D	43.8
MINIMUM					0.40	1.2	3.0	1.10	0.8	42	7.45	0.020	1.0	43.0
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
04 02 78 1715			.3		13.20	2.70	5	0.50	1.90		17		0.001L	0.060
24 03 78 1450			.3		13.2	2.80	5	0.55	1.60		17			
09 07 78 1540			.3		13.00	2.70	0	0.55	1.60	2.0	20		0.001	0.110
03 08 78 1600			.3		13.00	2.70	3	0.60	1.40		18	1	0.001	0.10
24 09 78 1720			.3		13.20	2.70	9	1.00	2.10		22		0.001	0.160
29 10 78 1500			.3		12.80	2.60	78	0.55	1.70		23		0.001	0.14
MAXIMUM					13.20	2.80	78	1.00	2.10	2.0	23	1	0.001	0.160
AVG OR GEOM MN (*)					13.07	2.70	17	0.63	1.72	2.0	20	1	0.001D	0.114
MINIMUM					12.80	2.60	0	0.50	1.40	2.0	17	1	0.001	0.060
NO OF SAMPLES					6	6	6	6	6	1	6	1	5	5

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
04 02 78 1715			.3		0.020L	0.030	0.030L	0.005L	0.010	0.003	0.020L		0.020L
24 03 78 1450			.3							0.004			
09 07 78 1540			.3		0.040L	0.020	0.040	0.005L	0.060	0.022	0.020L	0.01L	0.020L
03 08 78 1600			.3		0.04 L	0.08	0.03 L	0.005L	0.16	0.004	0.020	0.01L	0.02 L
24 09 78 1720			.3		0.020L	0.020	0.030L	0.005L	0.040	0.006	0.020L	0.01L	0.020L
29 10 78 1500			.3		0.02 L	0.04	0.03 L	0.005L	0.01 L	0.005	0.02 L	0.01L	0.02 L
MAXIMUM					0.040	0.08	0.040	0.005	0.16	0.022	0.020	0.01	0.020
AVG OR GEOM MN (*)					0.028D	0.038	0.032D	0.005D	0.056D	0.007	0.020D	0.01D	0.020D
MINIMUM					0.020	0.020	0.030	0.005	0.010	0.003	0.020	0.01	0.020
NO OF SAMPLES					5	5	5	5	5	6	5	4	5

B.O.W./ SITE: BIG CARP RIVER
SAMPLE POINT: AT HERKIMER STREET SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-0003-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BIG CARP RIVER

STORET CODE: 02
002
8640

STN NO: 1 LAT: LONG: U T M: 16 0695650.0 5153350.0 4 REGION: 05 MILEAGE: 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1820			.3		24010	50.	18.	0.	0.0	16.0	1.5	0.004	0.001L	0.082
24 03 78 1550			.3		24032				0.0	12.0	0.4	0.020	0.006	0.064
28 05 78 1815			.3		24054	50.	10.		20.0	10.0	0.8	0.023	0.003	0.050
09 07 78 1500			.3		24077	400.	80.	200. G	19.0	7.0	0.8	0.036	0.001L	0.072
03 08 78 1640			.3		24100	2700.	2700.	200. G	20.0	6.0	0.2	0.020	0.007	0.026
23 09 78 1845			.3		24123	1200.	22.	56.	12.0	8.0	0.2	0.022	0.003	0.030
29 10 78 1300			.3		24146	72.	12.		4.0	11.0	1.4	0.015	0.004	0.011
10 12 78 1715			.3		24169				0.0	9.0	0.2	0.021	0.004	0.062
MAXIMUM						2700.	2700.	200.	20.0	16.0	1.5	0.036	0.007	0.082
AVG OR GEOM MN (*)						248.*	47.*	39.* U	9.4	9.9	0.7	0.020	0.004D	0.050
MINIMUM						50.	10.	0.	0.0	6.0	0.2	0.004	0.001	0.011
NO OF SAMPLES						6	6	4	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1820			.3		0.350	0.004	0.151	0.237	0.268	0.505	54.0	1.4	53	81
24 03 78 1550			.3		0.620	0.009	0.291	0.364	0.556	0.920	79.0	4.2	75	117
28 05 78 1815			.3		0.490	0.006	0.060	0.116	0.440	0.556	57.0	4.8	52	78
09 07 78 1500			.3		0.530	0.009	0.121	0.202	0.458	0.660	67.0	5.5	62	96
03 08 78 1640			.3		0.500	0.026	0.105	0.157	0.474	0.631	69.0	7.6	61	94
23 09 78 1845			.3		0.600	0.006	0.110	0.146	0.570	0.716	55.0	5.6	49	76
29 10 78 1300			.3		0.380	0.005	0.110	0.126	0.369	0.495	55.0	3.5	51	79
10 12 78 1715			.3		0.410	0.004	0.206	0.272	0.348	0.620	61.0	9.0	52	80
MAXIMUM					0.620	0.026	0.291	0.364	0.570	0.920	79.0	9.0	75	117
AVG OR GEOM MN (*)					0.485	0.009	0.144	0.203	0.435	0.638	62.1	5.2	57	88
MINIMUM					0.350	0.004	0.060	0.116	0.268	0.495	54.0	1.4	49	76
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1820			.3		4.50	2.9	10.5	4.25	6.5	26	6.85	1.200	2.0	31.0
24 03 78 1550			.3		4.80		11.5	4.40	6.4	27	7.06	1.200	3.0	42.0
28 05 78 1815			.3		4.80	3.5	10.5	2.50	3.1	24	7.49	1.100	2.0	31.0
09 07 78 1500			.3		7.60	3.9	9.5	3.65	3.4	36	7.32	1.800	1.0	41.0
03 08 78 1640			.3		6.30	6.8	10.5	3.45	3.9	27	6.88	1.700	1.0L	36.0
23 09 78 1845			.3		4.40	3.5	10.0	3.40	3.2	22	7.30	1.100	1.0L	29.0
29 10 78 1300			.3		4.60	3.5	11.5	3.65	2.8	25	7.14	1.000	1.0	30.0
10 12 78 1715			.3		5.80	3.1	12.5	4.10	13.0	23	7.18	1.100	2.0	30.0
MAXIMUM					7.60	6.8	12.5	4.40	13.0	36	7.49	1.800	3.0	42.0
AVG OR GEOM MN (*)					5.35	3.9	10.8	3.68	5.3	26	7.15	1.275	1.6D	33.8
MINIMUM					4.40	2.9	9.5	2.50	2.8	22	6.85	1.000	1.0	29.0
NO OF SAMPLES					8	7	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
04 02 78 1820			.3		9.20	1.95	50	0.60	2.70		37	0.077
24 03 78 1550			.3		11.60	3.05	60	0.75	7.50		25	0.072
28 05 78 1815			.3		9.40	1.90	97	0.80	2.90		12	0.064
09 07 78 1500			.3		12.40	2.40	102	0.95	3.50	9.8	43	0.104
03 08 78 1640			.3		10.80	2.10	118	0.80	4.70		52	0.061
23 09 78 1845			.3		8.80	1.75	99	0.75	2.70		41	0.076
29 10 78 1300			.3		9.20	1.80	76	0.75	2.80		37	0.063
10 12 78 1715			.3		9.00	1.85	62	0.80	2.80		33	0.075
MAXIMUM					12.40	3.05	118	0.95	7.50	9.8	52	0.104
AVG OR GEOM MN (*)					10.05	2.10	83	0.78	3.70	9.8	35	0.074
MINIMUM					8.80	1.75	50	0.60	2.70	9.8	12	0.061
NO OF SAMPLES					8	8	8	8	8	1	8	8

```
B.O.W./ SITE: EAST DAVIGNON CREEK                                                        STATION ID:  13-0008-001-02
SAMPLE POINT: NEAR MOUTH. WEST OF ALGOMA SAULT
STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                   MINOR BASIN: LAKE HURON                                      002
                                                   TERM STREAM: EAST DAVIGNON CREEK                             8600

STN NO:     1    LAT:               LONG:          U T M: 16 0700925.0 5155300.0 4   REGION: 05            MILEAGE:    0.30

                                                 934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ              SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH                     NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

04 02 78 1800              .3                  24009       30.       26.        2.      10.0      13.0       2.0     0.021     0.001     0.316
24 03 78 1530              .3                  24031                                     8.0      11.0       1.2     0.016     0.001     0.374
28 05 78 1750              .3                  24053      400.        0.                24.0       9.0       1.4     0.025     0.002     1.030
09 07 78 1515              .3                  24076       36.       20.       44.      21.0       7.0       2.6     0.056     0.001     0.600
23 09 78 1815              .3                  24122     8000.      200.       52.      17.0       8.0       4.0     0.153     0.006     0.236
29 10 78 1230              .3                  24145                                    12.0       9.0       1.4     0.019     0.018     0.159
10 12 78 1645              .3                  24168                                     9.0      10.0       2.0     0.026     0.006     0.232

                      MAXIMUM                            8000.      200.       52.      24.0      13.0       4.0     0.153     0.018     1.030
           AVG OR GEOM MN (*)                            242.*      18.*      17.*      14.4       9.6       2.1     0.045     0.005     0.421
                      MINIMUM                              30.        0.        2.       8.0       7.0       1.2     0.016     0.001     0.159

                NO OF SAMPLES                                4         4         3         7         7         7         7         7         7

                                                  20        21        22        17        18        23         5         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ               TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL     COND.
DY MO YR LMT   DIST BRG DEPTH               KJELDAHL     NO2-N     NO3-N         N   ORGNC N              SOLIDS    SOLIDS  D-SOLIDS       25C
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

04 02 78 1800              .3                  0.550     0.031     0.334     0.681     0.234     0.915      99.0      11.0        88       136
24 03 78 1530              .3                  0.740     0.008     0.469     0.851     0.366     1.217     125.0      22.0       103       159
28 05 78 1750              .3                  1.550     0.065     0.380     1.475     0.520     1.995     109.0       5.4       104       160
09 07 78 1515              .3                  2.200     0.048     0.367     1.015     1.600     2.615     147.0      17.0       130       200
23 09 78 1815              .3                  1.180     0.044     0.355     0.635     0.944     1.579     124.0       6.8       117       180
29 10 78 1230              .3                  0.210     0.060     0.340     0.559     0.051     0.610      93.0       5.2        88       135
10 12 78 1645              .3                  0.500     0.028     0.397     0.657     0.268     0.925      98.0       8.0        90       138

                      MAXIMUM                  2.200     0.065     0.469     1.475     1.600     2.615     147.0      22.0       130       200
           AVG OR GEOM MN (*)                  0.990     0.041     0.377     0.839     0.569     1.408     113.6      10.8       103       158
                      MINIMUM                  0.210     0.008     0.334     0.559     0.051     0.610      93.0       5.2        88       135

                NO OF SAMPLES                      7         7         7         7         7         7         7         7         7         7

                                                  16        56        59       280        55       208        25        47        41       265
SAMP DTE HOUR  STN  STN SAMP  PJ               TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC       COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH               FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C             ARSENIC
               FEET      MTRS                  UNITS                MG/L   SI MG/L                MG/L      UG/L      MG/L      MG/L      MG/L

04 02 78 1800              .3                  16.00      11.5       7.0      1.75      6.86     5.800     105.0                  28
24 03 78 1530              .3                  33.00      18.0       7.0      1.75      6.86     2.600      80.0       3.0        37
28 05 78 1750              .3                   4.60      11.0       9.5      1.80      6.55     1.700     100.0       2.8       10L     0.003
09 07 78 1515              .3                   9.50      11.5      11.5      2.10      7.58    11.000      70.0       3.2        28
23 09 78 1815              .3                   6.50      15.5      12.0      2.60      7.50     3.500      1.0L       3.8        23
29 10 78 1230              .3                   6.80       8.0       8.5      1.95      7.11     4.300       7.0       3.0        23     0.003
10 12 78 1645              .3                   6.50       9.2       8.5      2.20      7.43     2.200      36.0       3.2        16




                      MAXIMUM                  33.00      18.0      12.0      2.60      7.58    11.000     105.0       3.8        37     0.003
           AVG OR GEOM MN (*)                  11.84      12.1       9.1      2.02      7.13     4.443     57.0D       3.2       24D     0.003
                      MINIMUM                   4.60       8.0       7.0      1.75      6.55     1.700       1.0       2.8        10     0.003

                NO OF SAMPLES                      7         7         7         7         7         7         7         6         7         2

                                                 235       221       225       229       215       249       238
SAMP DTE HOUR  STN  STN SAMP  PJ               TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH                MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL
               FEET      MTRS                   UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

28 05 78 1750              .3                 0.030L    0.020L    0.010L    0.030L    0.005L     0.020    0.020L
29 10 78 1230              .3                   0.03    0.02 L      0.05    0.03 L    0.005L      0.02    0.02 L

                      MAXIMUM                  0.030     0.020      0.05     0.030     0.005     0.020     0.020
           AVG OR GEOM MN (*)                 0.030D    0.020D    0.030D    0.030D    0.005D     0.020    0.020D
                      MINIMUM                  0.030     0.020     0.010     0.030     0.005     0.020     0.020

                NO OF SAMPLES                      2         2         2         2         2         2         2


B.O.W./ SITE: FORT CREEK                                                                 STATION ID:  13-0009-001-02
SAMPLE POINT: AT MOUTH. SAULT STE MARIE
STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                   MINOR BASIN: LAKE HURON                                      002
                                                   TERM STREAM: FORT CREEK                                      8590

STN NO:     1    LAT:               LONG:          U T M: 16 0703800.0 5154550.0 4   REGION: 05            MILEAGE:    0.10

                                                 934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ              SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH                     NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE   AMMONIA
               FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

04 02 78 1645              .3                  24007      400.       60.        0.       0.0      16.0       3.2     0.066     0.004    0.002L
24 03 78 1420              .3                  24029                                     0.0      13.0       1.0     0.030     0.002     0.060
28 05 78 1700              .3                  24050     8000.       40.                20.0       8.0       1.4     0.052     0.012     0.092
09 07 78 1640              .3                  24073     3000.      500.    200. G      15.0       4.0       1.0     0.044     0.002     0.082
03 08 78 1500              .3                  24096     1500.      200.    200. G      14.0       6.0       0.6     0.090     0.025     0.076
23 09 78 1650              .3                  24119     8000.      320.      122.      12.0       8.0       1.4     0.120     0.030     0.232
29 10 78 1210              .3                  24142     1800.       14.                 5.0      11.0       1.4     0.056     0.011     0.027
10 12 78 1610              .3                  24165      120.      120.                 1.0       9.0       0.2     0.060     0.021     0.088

                      MAXIMUM                            8000.      500.      200.      20.0      16.0       3.2     0.120     0.030     0.232
           AVG OR GEOM MN (*)                           1582.*      104.*    47.* U       8.4       9.4       1.3     0.065     0.013    0.082D
                      MINIMUM                             120.       14.        0.       0.0       4.0       0.2     0.030     0.002     0.002

                NO OF SAMPLES                                7         7         4         8         8         8         8         8         8
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1645			.3		0.410	0.010	0.445	0.457	0.408	0.865	278.0	12.0	266	446
24 03 78 1420			.3		0.580	0.010	0.695	0.765	0.520	1.285	504.0	13.0	491	825
28 05 78 1700			.3		0.550	0.012	0.190	0.294	0.458	0.752	375.0	14.0	361	600
09 07 78 1640			.3		1.040	0.011	0.179	0.272	0.958	1.230	372.0	13.0	359	580
03 08 78 1500			.3		0.600	0.086	0.300	0.462	0.524	0.986	406.0	39.0	367	590
23 09 78 1650			.3		1.200	0.028	0.430	0.690	0.968	1.658	372.0	31.0	341	1060
29 10 78 1210			.3		0.460	0.013	0.305	0.345	0.433	0.778	315.0	16.0	299	465
10 12 78 1610			.3		0.440	0.014	0.526	0.628	0.352	0.980	319.0	10.0	309	550
MAXIMUM					1.200	0.086	0.695	0.765	0.968	1.658	504.0	39.0	491	1060
AVG OR GEOM MN (*)					0.660	0.023	0.384	0.489	0.578	1.067	367.6	18.5	349	640
MINIMUM					0.410	0.010	0.179	0.272	0.352	0.752	278.0	10.0	266	446
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
04 02 78 1645			.3		14.00	58.0	17.5	6.00	5.7	124	7.67	1.400	1.0	139.0
24 03 78 1420			.3		13.00	170.0	23.5	5.50	4.3	135	7.84	1.200	1.0	177.0
28 05 78 1700			.3		10.00	100.0	27.0	3.75	0.7	132	8.24	1.000	1.0	171.0
09 07 78 1640			.3		9.60	98.0	23.0	4.10	3.2	129	7.96	1.100	1.0	154.0
03 08 78 1500			.3		35.00	102.0	28.0	5.10	4.3	117	7.59	2.500	1.0L	148.0
23 09 78 1650			.3		35.00	82.0	27.0	6.20	6.0	132	7.71	2.800	1.0L	156.0
29 10 78 1210			.3		15.00	65.0	22.5	5.50	3.7	123	7.69	1.300	1.0	134.0
10 12 78 1610			.3		16.00	84.0	20.0	6.20	2.8	125	7.90	1.300	1.0L	139.0
MAXIMUM					35.00	170.0	28.0	6.20	6.0	135	8.24	2.800	1.0	177.0
AVG OR GEOM MN (*)					18.45	94.9	23.6	5.29	3.8	127	7.83	1.575	1.00	152.3
MINIMUM					9.60	58.0	17.5	3.75	0.7	117	7.59	1.000	1.0	134.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
04 02 78 1645			.3		39.00	10.00	30	2.10	36.00		19	0.208
24 03 78 1420			.3		51.00	12.00	30	2.70	97.00		55	0.380
28 05 78 1700			.3		48.00	12.50	48	3.30	56.00		12	0.120
09 07 78 1640			.3		45.00	10.00	48	3.35	57.00	6.6	32	0.220
03 08 78 1500			.3		42.00	10.50	80	3.95	61.00		48	0.076
23 09 78 1650			.3		45.00	10.50	163	4.00	51.00		23	0.220
29 10 78 1210			.3		38.00	9.50	78	2.65	40.00		41	0.180
10 12 78 1610			.3		39.00	10.00	41	2.40	54.00		20	0.260
MAXIMUM					51.00	12.50	163	4.00	97.00	6.6	55	0.380
AVG OR GEOM MN (*)					43.38	10.63	65	3.06	56.50	6.6	31	0.208
MINIMUM					38.00	9.50	30	2.10	36.00	6.6	12	0.076
NO OF SAMPLES					8	8	8	8	8	1	8	8

B.O.W./ SITE: ROOT RIVER
SAMPLE POINT: AT HIGHWAY NO 17 6 MILES EAST OF SAULT STE MARIE
STATION TYPE: RIVER FLOW GAUGE FED 02CA002

STATION ID: 13-0011-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ROOT RIVER

STORET CODE: 02
002
8570

STN NO: 1 LAT: LONG: U T M: 16 0713250.0 5158350.0 4 REGION: 05 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 02 78 1300			.3		24002	21.30	4.	4.	2.	0.0	15.0	1.4	0.015	0.001
24 03 78 1230			.3		24024	5.00				0.0	13.0	0.2	0.005	0.002
28 05 78 1245			.3		24046	29.10	500.	70.		20.0	7.0	0.5	0.017	0.004
09 07 78 1825			.3		24069	4.80	300.	100.	150.	17.0	6.0	0.5	0.021	0.005
03 08 78 1135			.3		24092	31.00	28.	28.	200. G	15.0	8.0	0.2	0.030	0.010
23 09 78 1250			.3		24115	34.30	200.	30.	128.	11.0	10.0	0.6	0.028	0.004
29 10 78 0920			.3		24138	50.10	600.	46.		3.0	10.0	1.4	0.036	0.015
10 12 78 1410			.3		24161	32.50	200.	18.		0.0	10.0	0.2	0.012	0.004
MAXIMUM						50.10	600.	100.	200.	20.0	15.0	1.4	0.036	0.015
AVG OR GEOM MN (*)						26.01	122.*	30.*	53.* U	8.3	9.9	0.6	0.021	0.006
MINIMUM						4.80	4.	4.	2.	0.0	6.0	0.2	0.005	0.001
NO OF SAMPLES						8	7	7	4	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
04 02 78 1300			.3		0.122	0.370	0.003	0.337	0.462	0.248	0.710	57.0	2.1	55
24 03 78 1230			.3		0.112	0.300	0.005	0.402	0.519	0.188	0.707	69.0	1.4	68
28 05 78 1245			.3		0.056	0.360	0.009	0.230	0.295	0.304	0.599	54.0	5.4	49
09 07 78 1825			.3		0.036	0.300	0.004	0.321	0.361	0.264	0.625	71.0	7.3	64
03 08 78 1135			.3		0.012	0.460	0.060	0.230	0.302	0.448	0.750	60.0	7.1	53
23 09 78 1250			.3		0.116	0.820	0.009	0.155	0.280	0.704	0.984	51.0	7.3	44
29 10 78 0920			.3		0.064	0.380	0.005	0.235	0.304	0.316	0.620	54.0	4.8	49
10 12 78 1410			.3		0.140	0.370	0.004	0.311	0.455	0.230	0.685	59.0	2.0	57
MAXIMUM					0.140	0.820	0.060	0.402	0.519	0.704	0.984	71.0	7.3	68
AVG OR GEOM MN (*)					0.082	0.420	0.012	0.278	0.372	0.338	0.710	59.4	4.7	55
MINIMUM					0.012	0.300	0.003	0.155	0.280	0.188	0.599	51.0	1.4	44
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

(CONTD)

B.O.W./ SITE: ROOT RIVER
SAMPLE POINT: AT HIGHWAY NO 17 6 MILES EAST OF SAULT STE MARIE
STATION TYPE: RIVER FLOW GAUGE FED 02CA002

STATION ID: 13-0011-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ROOT RIVER

STORET CODE: 02
002
8570

STN NO: 1 LAT: LONG: U T M: 16 0713250.0 5158350.0 4 REGION: 05 MILEAGE: 0.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
04 02 78	1300			.3		85	4.20	6.0	9.0	4.05	6.6	22	6.67	0.580	1.0L
24 03 78	1230			.3		105	3.20	10.5	8.5	4.25	5.2	25	6.98	0.620	1.0
28 05 78	1245			.3		76	4.50	5.9	8.0	2.60	2.4	19	7.69	0.590	2.0
09 07 78	1825			.3		99	6.50	7.6	8.0	4.55	2.5	30	7.25	0.960	1.0
03 08 78	1135			.3		82	4.70	5.5	9.0	3.45	2.8	21	6.94	1.100	1.0L
23 09 78	1250			.3		68	3.60	4.5	8.5	3.15	3.8	19	7.15	0.810	1.0L
29 10 78	0920			.3		75	4.30	5.4	9.0	3.15	2.6	19	7.14	0.680	1.0L
10 12 78	1410			.3		88	3.40	7.0	9.5	3.90	1.2	22	7.07	0.540	1.0L
MAXIMUM						105	6.50	10.5	9.5	4.55	6.6	30	7.69	1.100	2.0
AVG OR GEOM MN (*)						85	4.30	6.5	8.7	3.64	3.4	22	7.11	0.735	1.1D
MINIMUM						68	3.20	4.5	8.0	2.60	1.2	19	6.67	0.540	1.0
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
04 02 78	1300			.3		29.0	8.20	2.00	20	0.70	4.00		21	0.054
24 03 78	1230			.3		33.0	9.40	2.30	30	0.75	6.50		27	0.050
28 05 78	1245			.3		26.0	7.60	1.75	44	0.70	3.90		10L	0.036
09 07 78	1825			.3		38.0	11.00	2.55	48	0.90	4.20	3.4	24	0.078
03 08 78	1135			.3		30.0	8.80	2.05	77	0.85	3.80		39	0.060
23 09 78	1250			.3		25.0	7.40	1.65	88	0.70	3.40		33	0.081
29 10 78	0920			.3		25.0	7.20	1.60	55	0.75	3.60		30	0.050
10 12 78	1410			.3		26.0	7.60	1.80	39	0.70	5.00		16	0.048
MAXIMUM						38.0	11.00	2.55	88	0.90	6.50	3.4	39	0.081
AVG OR GEOM MN (*)						29.0	8.40	1.96	50	0.76	4.30	3.4	25D	0.057
MINIMUM						25.0	7.20	1.60	20	0.70	3.40	3.4	10	0.036
NO OF SAMPLES						8	8	8	8	8	8	1	8	8

B.O.W./ SITE: ROOT RIVER
SAMPLE POINT: AT HIGHWAY NO 17 4 MILES NORTH OF SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-0011-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ROOT RIVER

STORET CODE: 02
002
8570

STN NO: 2 LAT: LONG: U T M: 16 0705300.0 5160999.0 4 REGION: 05 MILEAGE: 8.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
05 02 78	0955			.3		24011	84.	24.	4.	0.0	17.0	1.0	0.007	0.001L	0.098
25 03 78	0915			.3		24033				0.0	17.0	0.2	0.004	0.001L	0.470
11 06 78	1000			.3		24055				14.0	9.0	0.4			
09 07 78	1430			.3		24078	1000.	100.	200. G	17.0	9.0	1.0	0.010	0.001L	0.890
04 08 78	1100			.3		24101				14.0	10.0	0.2	0.024	0.002	0.178
01 10 78	0830			.3		24124				11.0	10.0	0.4	0.010	0.002	0.050
29 10 78	1320			.3		24147				5.0	12.0	0.4	0.008	0.001	0.221
MAXIMUM							1000.	100.	200.	17.0	17.0	1.0	0.024	0.002	0.890
AVG OR GEOM MN (*)							290.*	49.*	28.* U	8.7	12.0	0.5	0.011	0.001D	0.318
MINIMUM							84.	24.	4.	0.0	9.0	0.2	0.004	0.001	0.050
NO OF SAMPLES							2	2	2	7	7	7	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
05 02 78	0955			.3		0.310	0.002	0.318	0.418	0.212	0.630	54.0	0.5	54	83
25 03 78	0915			.3		0.740	0.005	0.265	0.740	0.270	1.010	65.0	0.8	64	99
11 06 78	1000			.3								54.0	0.7	53	82
09 07 78	1430			.3		1.230	0.018	0.702	1.610	0.340	1.950	115.0	0.6	114	175
04 08 78	1100			.3		0.540	0.083	0.135	0.396	0.362	0.758	50.0	2.0	48	74
01 10 78	0830			.3		0.460	0.003	0.110	0.163	0.410	0.573	31.0	1.8	29	45
29 10 78	1320			.3		0.490	0.003	0.220	0.444	0.269	0.713	47.0	1.2	46	70
MAXIMUM						1.230	0.083	0.702	1.610	0.410	1.950	115.0	2.0	114	175
AVG OR GEOM MN (*)						0.628	0.019	0.292	0.629	0.311	0.939	59.4	1.1	58	90
MINIMUM						0.310	0.002	0.110	0.163	0.212	0.573	31.0	0.5	29	45
NO OF SAMPLES						6	6	6	6	6	6	7	7	7	7

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
05 02 78 0955			.3		1.40	11.0	8.0	2.75	4.4		6.71	0.270	1.0	20.0
25 03 78 0915			.3		1.60	10.0	8.5	3.55	2.8	23	7.18	0.620	1.0	31.0
11 06 78 1000			.3		0.60						6.97		1.0	
09 07 78 1430			.3		1.10	25.0	7.5	2.35	1.5	40	7.76	0.350	1.0	48.0
04 08 78 1100			.3		0.90	7.6	7.0	2.10	2.7	17	7.11	0.720	1.0	23.0
01 10 78 0830			.3		1.30	3.9	8.0	2.15	8.0	10	6.88	0.550	1.0L	16.0
29 10 78 1320			.3		1.90	7.0	8.0	2.30	1.8	14	7.08	0.430	1.0	32.0
MAXIMUM					1.90	25.0	8.5	3.55	8.0	40	7.76	0.720	1.0	48.0
AVG OR GEOM MN (*)					1.26	10.7	7.8	2.53	3.5	21	7.10	0.490	1.0D	28.3
MINIMUM					0.60	3.9	7.0	2.10	1.5	10	6.71	0.270	1.0	16.0
NO OF SAMPLES					7	6	6	6	6	5	7	6	7	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
05 02 78 0955			.3		6.00	1.30	20	0.55	6.10		19	0.026
25 03 78 0915			.3		8.60	2.40	30	0.90	6.30		17	0.154
11 06 78 1000			.3							5.5		
09 07 78 1430			.3		13.60	3.50	27	2.00	15.00	4.4	24	0.060
04 08 78 1100			.3		6.60	1.60	74	0.65	4.60		31	0.066
01 10 78 0830			.3		4.40	1.10	76	0.45	2.80		27	0.072
29 10 78 1320			.3		10.60	1.30	44	0.60	4.60		37	0.086
MAXIMUM					13.60	3.50	76	2.00	15.00	5.5	37	0.154
AVG OR GEOM MN (*)					8.30	1.87	45	0.86	6.57	5.0	26	0.077
MINIMUM					4.40	1.10	20	0.45	2.80	4.4	17	0.026
NO OF SAMPLES					6	6	6	6	6	2	6	6

B.O.W./ SITE: GARDEN RIVER
SAMPLE POINT: HIGHWAY 17, GARDEN RIVER
STATION TYPE: RIVER

STATION ID: 13-0013-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: GARDEN RIVER

STORET CODE: 02
002
8550

STN NO: 1 LAT: LONG: U T M: 16 0717900.0 5158150.0 4 REGION: 05 MILEAGE: 1.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 02 78 1230			.3		24001	4.	0.	0.	0.0	16.0	2.0	0.011	0.001L	0.014
24 03 78 1150			.3		24023				0.0	13.0	0.2	0.156	0.010	0.002L
28 05 78 1230			.3		24045	22.	0.		21.0	9.0	0.5	0.017	0.006	0.058
09 07 78 1845			.3		24068	500.	60.	200.	20.0	5.0	0.6	0.012	0.015	0.014
03 08 78 1120			.3		24091	26.	26.	78.	15.0	10.0	0.4	0.010	0.001	0.218
23 09 78 1236			.3		24114	200.	6.	68.	11.0	11.0	2.8	0.020	0.001	0.152
29 10 78 0900			.3		24137	8.	8.		3.0	11.0	0.8	0.006	0.002	0.006
10 12 78 1345			.3		24160	0.	0.		0.0	7.0	0.2	0.056	0.003	0.022
MAXIMUM						500.	60.	200.	21.0	16.0	2.8	0.156	0.015	0.218
AVG OR GEOM MN (*)						21.*	5.*	32.*	8.8	10.3	0.9	0.036	0.005D	0.061D
MINIMUM						0.	0.	0.	0.0	5.0	0.2	0.006	0.001	0.002
NO OF SAMPLES						7	7	4	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1230			.3		0.200	0.002	0.233	0.249	0.186	0.435	41.0	1.2	40	63
24 03 78 1150			.3		0.260	0.001	0.314	0.317	0.258	0.575	50.0	4.5	46	70
28 05 78 1230			.3		0.290	0.003	0.190	0.251	0.232	0.483	42.0	6.2	36	56
09 07 78 1845			.3		0.210	0.001	0.165	0.180	0.196	0.376	55.0	6.7	48	74
03 08 78 1120			.3		0.650	0.003	0.180	0.401	0.432	0.833	48.0	3.3	45	69
23 09 78 1236			.3		1.390	0.004	0.150	0.306	1.238	1.544	46.0	3.8	42	65
29 10 78 0900			.3		0.210	0.002	0.210	0.218	0.204	0.422	39.0	2.6	36	55
10 12 78 1345			.3		0.300	0.002	0.308	0.332	0.278	0.610	140.0	98.0	42	64
MAXIMUM					1.390	0.004	0.314	0.401	1.238	1.544	140.0	98.0	48	74
AVG OR GEOM MN (*)					0.439	0.002	0.219	0.282	0.378	0.660	57.6	15.8	42	65
MINIMUM					0.200	0.001	0.150	0.180	0.186	0.376	39.0	1.2	36	55
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
04 02 78 1230			.3		2.30	0.9	9.0	3.45	6.91	0.210	2.0		19	
24 03 78 1150			.3		2.80	1.0	8.5	3.70	7.22	0.610	2.0	3.0	31	
28 05 78 1230			.3		3.20	0.6	9.5	2.50	7.17	0.250	1.5	3.8		0.001L
09 07 78 1845			.3		4.50	2.3	8.5	3.15	7.63	0.500		3.0		
03 08 78 1120			.3		2.40	1.2	8.0	3.00	7.15	0.350		3.8		
23 09 78 1236			.3		2.40	2.2	7.5	2.55	6.72	0.270		6.8	29	
29 10 78 0900			.3		2.50	0.8	10.5	2.85	7.19	0.280	1.0	4.2		0.001L
10 12 78 1345			.3		28.00	2.1	9.5	3.70	7.25	2.800		4.2		
MAXIMUM					28.00	2.3	10.5	3.70	7.63	2.800	2.0	6.8	31	0.001
AVG OR GEOM MN (*)					6.01	1.4	8.9	3.11	7.16	0.659	1.6	4.1	26	0.001D
MINIMUM					2.30	0.6	7.5	2.50	6.72	0.210	1.0	3.0	19	0.001
NO OF SAMPLES					8	8	8	8	8	8	4	7	3	2

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
04 02 78 1050			.3		0.260	0.002	0.143	0.167	0.238	0.405	51.0	1.7	49	76
24 03 78 0950			.3		0.280	0.001	0.199	0.206	0.274	0.480	60.0	3.8	56	87
MAXIMUM					0.280	0.002	0.199	0.206	0.274	0.480	60.0	3.8	56	87
AVG OR GEOM MN (*)					0.270	0.002	0.171	0.187	0.256	0.443	55.5	2.8	53	82
MINIMUM					0.260	0.001	0.143	0.167	0.238	0.405	51.0	1.7	49	76
NO OF SAMPLES					2	2	2	2	2	2	2	2	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 78 1050			.3		3.50	1.2	10.0	3.50	7.11	0.400		19
24 03 78 0950			.3		3.20	1.5	11.0	3.85	7.19	0.400	4.0	33
MAXIMUM					3.50	1.5	11.0	3.85	7.19	0.400	4.0	33
AVG OR GEOM MN (*)					3.35	1.4	10.5	3.68	7.15	0.400	4.0	26
MINIMUM					3.20	1.2	10.0	3.50	7.11	0.400	4.0	19
NO OF SAMPLES					2	2	2	2	2	2	1	2

B.O.W./ SITE: MISSISSAGI RIVER
SAMPLE POINT: AT MISSISSAGI CHUTE
STATION TYPE: RIVER FLOW GAUGE FED 02CC008

STATION ID: 14-0012-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO: 1 LAT: LONG: U T M: 17 0343360.0 5017525.0 4 REGION: 05 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
19 01 78 1730			.3		22004		4130.00				0.5	0.007	0.001L	0.016
14 02 78 1100			.3		22037		6000.00				0.2	0.009	0.001	0.012
27 03 78 1100			.3		22071		915.00	20.	2. L	2. L	0.2	0.010	0.001L	0.036
29 04 78 1030			.3		22103		6990.00				1.0	0.035	0.012	0.040
29 05 78 1800			.3		22133		5760.00				0.8	0.009	0.001	0.036
28 06 78 1730			.3		22163		2790.00				1.0	0.008	0.002	0.166
25 07 78 1730			.3		22194		1620.00					0.010		
31 08 78 1330			.3		22225		1680.00				0.2	0.008	0.003	0.064
26 09 78 1300			.3		22256		3110.00					0.026		
26 10 78 1330			.3		22288		7120.00				0.6	0.010	0.001	0.028
28 11 78 1730			.3		22319	6	3800.00				0.2	0.010	0.001L	0.014
26 12 78 1300			.3		22350	6	4220.00				0.6	0.003	0.001	
MAXIMUM							7120.00	20.	2.	2.	1.0	0.035	0.012	0.166
AVG OR GEOM MN (*)							4011.25	20.*	2.* D	2.* D	0.5	0.012	0.002D	0.046
MINIMUM							915.00	20.	2.	2.	0.2	0.003	0.001	0.012
NO OF SAMPLES							12	1	1	1	10	12	10	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
19 01 78 1730			.3		0.250	0.002	0.093	0.111	0.234	0.345	47.0	3.1	44	69
14 02 78 1100			.3		0.260	0.003	0.127	0.142	0.248	0.390	41.0	1.5	39	61
27 03 78 1100			.3		0.300	0.002	0.140	0.178	0.264	0.442	42.0	3.7	38	59
29 04 78 1030			.3		0.460	0.003	0.015	0.058	0.420	0.478	38.0	6.0	32	49
29 05 78 1800			.3		0.290	0.004	0.111	0.151	0.254	0.405	38.0	3.5	34	52
28 06 78 1730			.3		0.660	0.010	0.105	0.281	0.494	0.775	48.0	3.9	44	67
25 07 78 1730			.3		0.490						44.0	1.8	42	69
31 08 78 1330			.3		0.160	0.003	0.075	0.142	0.096	0.238	47.0	1.7	45	69
26 09 78 1300			.3								65.0	23.0	42	65
26 10 78 1330			.3		0.390	0.002	0.188	0.218	0.362	0.580	40.0	4.0	36	56
28 11 78 1730			.3		0.30	0.002	0.163	0.179	0.286	0.465	42.	1.8	40	61
26 12 78 1300			.3								67.0	25.0	42	65
MAXIMUM					0.660	0.010	0.188	0.281	0.494	0.775	67.0	25.0	45	69
AVG OR GEOM MN (*)					0.356	0.003	0.113	0.162	0.295	0.458	46.6	6.6	40	62
MINIMUM					0.160	0.002	0.015	0.058	0.096	0.238	38.0	1.5	32	49
NO OF SAMPLES					10	9	9	9	9	9	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
19 01 78 1730			.3		1.40	1.6								
14 02 78 1100			.3		1.40	0.7	9.0	2.30				0.220		
27 03 78 1100			.3		1.20	1.2	8.5	2.40			6.94	0.280		
29 04 78 1030			.3		1.50	0.8	8.5	2.55			7.07	0.250		
29 05 78 1800			.3		1.40	0.9	8.0	2.50			7.81	0.270		
28 06 78 1730			.3		1.60	1.6	11.0	2.50			7.09	0.200		
25 07 78 1730			.3		1.20	1.0	9.0	2.80	2.3	23	7.36	0.160	27.0	8.00
31 08 78 1330			.3		1.50	1.0	9.0	2.50			7.10	0.280		
26 09 78 1300			.3			0.9	8.5					0.350		
26 10 78 1330			.3		2.10	0.9	9.0	2.25			6.96	0.290		
28 11 78 1730			.3		1.7	1.1	9.0	2.75			7.21	0.22		
26 12 78 1300			.3		1.60	1.4	9.5	3.05			6.78	0.480		
MAXIMUM					2.10	1.6	11.0	3.05	2.3	23	7.81	0.480	27.0	8.00
AVG OR GEOM MN (*)					1.51	1.1	9.0	2.56	2.3	23	7.15	0.273	27.0	8.00
MINIMUM					1.20	0.7	8.0	2.25	2.3	23	6.78	0.160	27.0	8.00
NO OF SAMPLES					11	12	11	10	1	1	9	11	1	1

(C O N T D)

B.O.W./ SITE: MISSISSAGI RIVER
SAMPLE POINT: AT MISSISSAGI CHUTE
STATION TYPE: RIVER FLOW GAUGE FED 02CC008

STATION ID: 14-0012-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO: 1 LAT: LONG: U T M: 17 0343360.0 5017525.0 4 REGION: 05 MILEAGE: 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
27 03 78 1100			.3						5.2	29	
29 04 78 1030			.3						4.0	19	
29 05 78 1800			.3						4.4	10L	
28 06 78 1730			.3						5.4	10L	
25 07 78 1730			.3		1.80	27	0.60	1.50			0.017
31 08 78 1330			.3						4.8	15	
26 09 78 1300			.3						5.8	37	
26 10 78 1330			.3						5.8	53	
28 11 78 1730			.3						5.8	37	
26 12 78 1300			.3						5.7	64	
MAXIMUM					1.80	27	0.60	1.50	5.8	64	0.017
AVG OR GEOM MN (*)					1.80	27	0.60	1.50	5.2	30D	0.017
MINIMUM					1.80	27	0.60	1.50	4.0	10	0.017
NO OF SAMPLES					1	1	1	1	9	9	1

B.O.W./ SITE: BLIND RIVER
SAMPLE POINT: AT HIGHWAY 17 BRIDGE BLIND RIVER
STATION TYPE: RIVER

STATION ID: 14-0014-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BLIND RIVER

STORET CODE: 02
002
8090

STN NO: 3 LAT: LONG: U T M: 17 0349020.0 5016350.0 4 REGION: 05 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L
19 01 78 1700			.3		22003					0.4	0.006	0.001L	0.024	0.190
14 02 78 1200			.3		22038					0.4	0.008	0.001L	0.020	0.220
27 03 78 1200			.3		22070		4. L	4. L	4. L	0.2	0.006	0.002	0.032	0.220
29 04 78 1930			.3		22104					0.4	0.008	0.001	0.024	0.240
29 05 78 1700			.3		22134					1.0	0.016	0.004	0.090	0.490
28 06 78 1800			.3		22164					0.8	0.005	0.002	0.150	0.600
25 07 78 1800			.3		22195						0.016			0.470
31 08 78 1400			.3		22226					2.0	0.045	0.016	0.390	0.720
26 09 78 1430			.3		22257						0.042			
26 10 78 1400			.3		22289					1.2	0.010	0.001	0.028	0.480
28 11 78 1800			.3		22320	6				0.2	0.014	0.001	0.032	0.31
26 12 78 1430			.3		22351	6				0.4	0.005	0.001		
MAXIMUM							4.	4.	4.	2.0	0.045	0.016	0.390	0.720
AVG OR GEOM MN (*)							4.* D	4.* D	4.* D	0.7	0.015	0.003D	0.088	0.394
MINIMUM							4.	4.	4.	0.2	0.005	0.001	0.020	0.190
NO OF SAMPLES							1	1	1	10	12	10	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
19 01 78 1700			.3		0.001	0.069	0.094	0.166	0.260	30.0	1.0	29	44	1.20
14 02 78 1200			.3		0.001	0.114	0.135	0.200	0.335	31.0	0.9	30	46	1.40
27 03 78 1200			.3		0.002	0.140	0.174	0.188	0.362	33.0	2.1	31	49	1.60
29 04 78 1930			.3		0.003	0.185	0.212	0.216	0.428	38.0	2.2	36	55	1.40
29 05 78 1700			.3		0.004	0.006	0.100	0.400	0.500	32.0	3.3	29	44	1.90
28 06 78 1800			.3		0.012	0.005L	0.167	0.450	0.617	33.0	3.1	30	47	1.40
25 07 78 1800			.3							33.0	2.6	30	47	1.20
31 08 78 1400			.3		0.002	0.005	0.397	0.330	0.727	46.0	5.7	40	62	2.30
26 09 78 1430			.3							45.0	3.4	42	64	
26 10 78 1400			.3		0.001	0.084	0.113	0.452	0.565	31.0	4.0	26	40	2.70
28 11 78 1800			.3		0.002	0.113	0.147	0.278	0.425	33.	1.2	32	49	2.1
26 12 78 1430			.3							36.0	0.8	35	54	1.30
MAXIMUM					0.012	0.185	0.397	0.452	0.727	46.0	5.7	42	64	2.70
AVG OR GEOM MN (*)					0.003	0.080D	0.171	0.298	0.469	35.1	2.5	33	50	1.68
MINIMUM					0.001	0.005	0.094	0.166	0.260	30.0	0.8	26	40	1.20
NO OF SAMPLES					9	9	9	9	9	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
19 01 78 1700			.3		0.7									
14 02 78 1200			.3		0.7	9.0	1.40				0.360			
27 03 78 1200			.3		0.9	9.5	1.50			6.84	0.230			
29 04 78 1930			.3		0.8	10.0	2.75			7.02	0.350			
29 05 78 1700			.3		1.0	9.0	1.00			7.95	0.470			
28 06 78 1800			.3		0.8	8.5	0.90			7.34	0.260			
25 07 78 1800			.3		1.0	8.5	0.95	1.8	13	7.17	0.200	18.0	5.20	1.15
31 08 78 1400			.3		2.4	9.5	1.30			6.68	0.380			
26 09 78 1430			.3		2.4	2.0					0.500			
26 10 78 1400			.3		1.0	9.5	1.00			6.63	0.190			
28 11 78 1800			.3		1.0	9.5	1.7			6.81	0.17			
26 12 78 1430			.3		0.8	10.0	1.55			8.19	0.210			
MAXIMUM					2.4	10.0	2.75	1.8	13	8.19	0.500	18.0	5.20	1.15
AVG OR GEOM MN (*)					1.1	8.6	1.41	1.8	13	7.18	0.302	18.0	5.20	1.15
MINIMUM					0.7	2.0	0.90	1.8	13	6.63	0.17	18.0	5.20	1.15
NO OF SAMPLES					12	11	10	1	1	9	11	1	1	1

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	201 TOTAL MN MG/L
27 03 78	1200			.3					2.8	20	
29 04 78	1930			.3					5.2	21	
29 05 78	1700			.3					5.8	15	
28 06 78	1800			.3					3.8	10	
25 07 78	1800			.3		9	0.35	1.20			0.020
31 08 78	1400			.3					4.7	22	
26 09 78	1430			.3					7.6	41	
26 10 78	1400			.3					4.0	50	
28 11 78	1800			.3					4.0	29	
26 12 78	1430			.3					3.4	40	
MAXIMUM						9	0.35	1.20	7.6	50	0.020
AVG OR GEOM MN (*)						9	0.35	1.20	4.6	28	0.020
MINIMUM						9	0.35	1.20	2.8	10	0.020
NO OF SAMPLES						1	1	1	9	9	1

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT OLD IRON BRIDGE OLD HIGHWAY NO 17 3 MILES EAST OF HWYS 108 & 17 57 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD001
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STATION ID: 14-0019-001-02

STORET CODE: 02
002
8040

STN NO: 1 LAT: LONG: U T M: 17 0383350.0 5118400.0 4 REGION: 05 MILEAGE: 5.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
20 01 78	1600			.3		22006		551.00				0.5	0.003		0.450
14 02 78	1500			.3		22040		320.00				0.4	0.007	0.001L	0.104
30 03 78	1730			.3		22073		248.00	16.	2. L	2. L	0.2	0.010	0.001	0.402
28 04 78	1700			.3		22105		1880.00				0.2	0.015	0.001	0.228
27 05 78	1200			.3		22136		1450.00				0.5	0.009	0.001L	0.274
27 06 78	1900			.3		22166		413.00				0.8	0.007	0.001L	0.440
25 07 78	1930			.3		22197		219.00					0.026		
26 08 78	1500			.3		22228		129.00					0.014	0.001L	0.316
26 09 78	1530			.3		22260		401.00					0.011		
26 10 78	1500			.3		22291		980.00				0.2	0.006	0.001	0.440
28 11 78	1900			.3		22322	6	882.00				0.2	0.007	0.001L	0.340
26 12 78	1530			.3		22353	6	584.00				0.6	0.010	0.001	
MAXIMUM								1880.00	16.	2.	2.	0.8	0.026	0.001	0.450
AVG OR GEOM MN (*)								671.42	16.*	2.* D	2.* D	0.4	0.010	0.001D	0.333
MINIMUM								129.00	16.	2.	2.	0.2	0.003	0.001	0.104
NO OF SAMPLES								12	1	1	1	9	12	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
20 01 78	1600			.3		0.700	0.005	1.870	2.325	0.250	2.575	114.0	1.9	112	172
14 02 78	1500			.3		0.480	0.004	0.216	0.324	0.376	0.700	73.0	0.8	72	110
30 03 78	1730			.3		0.700	0.008	1.820	2.230	0.298	2.528	93.0	1.5	91	140
28 04 78	1700			.3		0.480	0.006	1.100	1.334	0.252	1.586	79.0	2.4	77	118
27 05 78	1200			.3		0.570	0.005	1.470	1.749	0.296	2.045	88.0	2.1	86	132
27 06 78	1900			.3		0.660	0.007	2.220	2.667	0.220	2.887	119.0	2.2	117	180
25 07 78	1930			.3		0.600						129.0	5.3	124	190
26 08 78	1500			.3		0.590	0.025	3.060	3.401	0.274	3.675	142.0	1.5	140	215
26 09 78	1530			.3								91.0	3.1	88	135
26 10 78	1500			.3		0.730	0.006	2.190	2.636	0.290	2.926	108.0	1.0	107	165
28 11 78	1900			.3		0.69	0.005	1.65	1.995	0.350	2.345	93.	0.9	92	142
26 12 78	1530			.3								110.0	3.0	107	165
MAXIMUM						0.730	0.025	3.060	3.401	0.376	3.675	142.0	5.3	140	215
AVG OR GEOM MN (*)						0.620	0.008	1.733	2.073	0.290	2.363	103.3	2.1	101	155
MINIMUM						0.480	0.004	0.216	0.324	0.220	0.700	73.0	0.8	72	110
NO OF SAMPLES						10	9	9	9	9	9	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
20 01 78	1600			.3		2.40	3.6								
14 02 78	1500			.3		1.60	6.3	25.0	2.60	3.6	8	6.89	0.420	15.0	5.00
30 03 78	1730			.3		3.60	3.8	40.5	1.85			6.41	0.260		
28 04 78	1700			.3		1.70	4.4	37.0	1.45			6.66	0.150		
27 05 78	1200			.3		1.20	3.2	42.0	1.35			7.52	0.100		
27 06 78	1900			.3		0.90	3.5	61.0	1.25			6.74	0.080		
25 07 78	1930			.3		2.80	4.4	63.0	1.15	1.4	7	6.80	0.230	68.0	24.00
26 08 78	1500			.3		1.50	3.7	70.0		1.5	4	6.05	1.300	75.0	27.00
26 09 78	1530			.3			4.5	42.5					0.340		
26 10 78	1500			.3		1.50	3.5	55.0	1.25			6.25	0.090		
28 11 78	1900			.3		1.8	3.8	44.5	1.65			6.64	0.19		
26 12 78	1530			.3		2.20	4.1	54.0	1.60			6.34	0.150		
MAXIMUM						3.60	6.3	70.0	2.60	3.6	8	7.52	1.300	75.0	27.00
AVG OR GEOM MN (*)						1.93	4.1	48.6	1.57	2.2	6	6.63	0.301	52.7	18.67
MINIMUM						0.90	3.2	25.0	1.15	1.4	4	6.05	0.080	15.0	5.00
NO OF SAMPLES						11	12	11	9	3	3	10	11	3	3

(CONTD)

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT OLD IRON BRIDGE OLD HIGHWAY NO 17 3 MILES EAST OF HWYS 108 & 17 57 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD001
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STATION ID: 14-0019-001-02
STORET CODE: 02 002 8040

STN NO: 1 LAT: LONG: U T M: 17 0383350.0 5118400.0 4 REGION: 05 MILEAGE: 5.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
14 02 78 1500			.3		0.65	5	0.45	0.90		13	0.001L	0.020L	0.020L	0.030
30 03 78 1730			.3						3.9	22				
28 04 78 1700			.3						3.7	15				
27 05 78 1200			.3						3.6	10L				
27 06 78 1900			.3						2.0	22				
25 07 78 1930			.3		1.85	1L	3.35	3.00						
26 08 78 1500			.3		1.85	5	3.65	2.80						
26 09 78 1530			.3						5.1	27				
26 10 78 1500			.3						3.4	40	0.001		0.02 L	0.01 L
28 11 78 1900			.3						4.2	27				
26 12 78 1530			.3						3.8	54				
MAXIMUM					1.85	5	3.65	3.00	5.1	54	0.001	0.020	0.020	0.030
AVG OR GEOM MN (*)					1.45	4D	2.48	2.23	3.7	26D	0.001D	0.020D	0.020D	0.020D
MINIMUM					0.65	1	0.45	0.90	2.0	10	0.001	0.020	0.020	0.01
NO OF SAMPLES					3	3	3	3	8	9	2	1	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L
14 02 78 1500			.3		0.030L	0.005L	0.010L	0.020	0.020L	0.020L				
28 04 78 1700			.3								2.	10.	5.	10.
27 05 78 1200			.3								3.	10.	4.	10.
27 06 78 1900			.3									9.	2.	12.
25 07 78 1930			.3					0.295			6.	5.	2.	12.
26 08 78 1500			.3					0.290			6.	19.	2.	17.
26 10 78 1500			.3		0.03 L	0.005L	0.01 L		0.02 L					
28 11 78 1900			.3								4.	9.	1. L	9.
MAXIMUM					0.030	0.005	0.010	0.295	0.020	0.020	6.	19.	5.	17.
AVG OR GEOM MN (*)					0.030D	0.005D	0.010D	0.202	0.020D	0.020D	4.	10.	2. D	11.
MINIMUM					0.030	0.005	0.010	0.020	0.020	0.020	2.	5.	1.	9.
NO OF SAMPLES					2	2	2	3	2	1	5	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
28 04 78 1700			.3		5.	10. L
27 05 78 1200			.3		3.	10. L
27 06 78 1900			.3		1.	10. L
25 07 78 1930			.3		1.	10. L
26 08 78 1500			.3		1.	10. L
28 11 78 1900			.3		1.	10. L
MAXIMUM					5.	10.
AVG OR GEOM MN (*)					2.	10. D
MINIMUM					1.	10.
NO OF SAMPLES					6	6

B.O.W./ SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52 1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD101
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STATION ID: 14-0019-002-02
STORET CODE: 02 002 8040

STN NO: 2 LAT: LONG: U T M: 17 0381500.0 5132250.0 4 REGION: 05 MILEAGE: 28.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L
24 01 78 1700			.3		22025					0.4	0.012		0.036	0.250
27 02 78 1700			.3		22064					0.2	0.018	0.001	0.012	0.260
27 03 78 1300			.3		22091		4. L	2. L	2. L	0.2	0.017	0.004	0.074	0.310
28 04 78 1440			.3		22106						0.012	0.001	0.074	0.330
23 05 78 1900			.3		22141						0.013	0.001	0.104	0.540
20 06 78 2200			.3		22171						0.012	0.001L	0.084	0.660
24 07 78 2200			.3		22202						0.008			0.550
25 08 78 2200			.3		22233						0.004	0.001L	0.164	0.320
27 09 78 1530			.3		22265						0.017			
27 10 78 2200			.3		22296						0.009	0.001L	0.010	0.480
28 11 78 1440			.3		22327	6					0.009	0.001L	0.120	0.40
27 12 78 1530			.3		22358	6					0.012	0.002		
MAXIMUM							4.	2.	2.	0.4	0.018	0.004	0.164	0.660
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	0.3	0.012	0.001D	0.075	0.410
MINIMUM							4.	2.	2.	0.2	0.004	0.001	0.010	0.250
NO OF SAMPLES							1	1	1	3	12	9	9	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
24 01 78	1700			.3		0.001L	0.285	0.322	0.214	0.536	91.0	0.8	90	138	0.60
27 02 78	1700			.3		0.001	0.354	0.367	0.248	0.615	85.0	0.4	85	131	0.85
27 03 78	1300			.3		0.002	0.345	0.421	0.236	0.657	82.0	0.4	82	126	0.40
28 04 78	1440			.3		0.002	0.250	0.326	0.256	0.582	76.0	2.8	73	112	0.75
23 05 78	1900			.3		0.006	0.174	0.284	0.436	0.720	79.0	1.8	77	118	0.50
20 06 78	2200			.3		0.004	0.055	0.143	0.576	0.719	88.0	5.2	83	128	1.40
24 07 78	2200			.3							85.0	2.0	83	128	1.10
25 08 78	2200			.3		0.003	0.010	0.177	0.156	0.333	88.0	1.0	87	134	0.95
27 09 78	1530			.3							134.0	48.0	86	132	
27 10 78	2200			.3		0.003	2.170	2.183	0.470	2.653	83.0	0.4	83	128	3.00
28 11 78	1440			.3		0.003	0.217	0.340	0.280	0.620					
27 12 78	1530			.3							105.0	12.0	93	143	1.30
MAXIMUM						0.006	2.170	2.183	0.576	2.653	134.0	48.0	93	143	3.00
AVG OR GEOM MN (*)						0.003D	0.429	0.507	0.319	0.826	90.5	6.8	84	129	1.09
MINIMUM						0.001	0.010	0.143	0.156	0.333	76.0	0.4	73	112	0.40
NO OF SAMPLES						9	9	9	9	9	11	11	11	11	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
24 01 78	1700			.3		7.4	39.0	1.00	2.3	8	7.55	0.120	48.0	14.00	3.20
27 02 78	1700			.3		7.3	36.0	1.15	4.9	7	6.92	0.220	43.0	12.80	2.60
27 03 78	1300			.3		7.2	34.5	1.25	3.6	5	6.55	0.090	42.0	12.40	2.60
28 04 78	1440			.3		6.2	30.0		2.7	7	6.68	0.120	35.0	10.40	2.20
23 05 78	1900			.3		6.0	34.5		0.0	8	8.48	0.050	37.0	11.00	2.25
20 06 78	2200			.3		6.9	35.0		2.8	7	7.23	0.060	42.0	12.60	2.45
24 07 78	2200			.3		6.9	35.0	0.85	1.6	11	7.12	0.190	42.0	12.80	2.45
25 08 78	2200			.3		7.0	35.0		0.9	10	7.12	0.020	42.0	12.40	2.65
27 09 78	1530			.3		7.5	34.0		2.9	3		0.330	41.0	12.20	2.45
27 10 78	2200			.3		6.8	37.5		2.2	9	6.92	0.090	40.0	12.00	2.45
28 11 78	1440			.3			37.								
27 12 78	1530			.3		7.7	42.0			10	6.81	0.290	45.0	13.80	2.65
MAXIMUM						7.7	42.0	1.25	4.9	11	8.48	0.330	48.0	14.00	3.20
AVG OR GEOM MN (*)						7.0	35.8	1.06	2.4	8	7.14	0.144	41.5	12.40	2.54
MINIMUM						6.0	30.0	0.85	0.0	3	6.55	0.020	35.0	10.40	2.20
NO OF SAMPLES						11	12	4	10	11	10	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
24 01 78	1700			.3		10	1.55	5.30	24	0.001L	0.160	0.020L	0.030	0.030L	0.005L
27 02 78	1700			.3		15	1.45	5.40	22	0.001L	0.050	0.020L	0.030	0.030L	0.005L
27 03 78	1300			.3		10	1.35	5.00	27	0.001	0.310	0.040L	0.040	0.030L	0.005L
28 04 78	1440			.3		15	1.15	4.40		0.001	0.260	0.020L	0.050	0.030L	0.005L
23 05 78	1900			.3		19	1.30	4.50		0.001L	0.22	0.02 L	0.04	0.03 L	0.005L
20 06 78	2200			.3		16	1.50	4.80							
24 07 78	2200			.3		2	1.50	5.30		0.001	0.10	0.02 L	0.03	0.03 L	0.005L
25 08 78	2200			.3		13	1.45	5.00							
27 09 78	1530			.3			1.50	6.90		0.001	0.240	0.020L	0.020	0.030L	0.005L
27 10 78	2200			.3		19	0.30	5.00		0.001L	0.18	0.02 L	0.04	0.03 L	0.005L
28 11 78	1440			.3						0.001L	0.250	0.020L	0.020	0.030L	0.005L
27 12 78	1530			.3		9	1.65			0.001	0.430	0.020L	0.060	0.030L	0.005L
MAXIMUM						19	1.65	6.90	27	0.001	0.430	0.040	0.060	0.030	0.005
AVG OR GEOM MN (*)						13	1.34	5.16	24	0.001D	0.220	0.022D	0.036	0.030D	0.005D
MINIMUM						2	0.30	4.40	22	0.001	0.050	0.020	0.020	0.030	0.005
NO OF SAMPLES						10	11	10	3	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
24 01 78	1700			.3		0.010L	0.140	0.020L	0.020L						
27 02 78	1700			.3		0.010	0.140	0.020L	0.020L	1.	2.	1. L	5.	1. L	10. L
27 03 78	1300			.3		0.020	0.126	0.020L	0.020L	1. L	5.	1. L	5.	1. L	10. L
28 04 78	1440			.3		0.050	0.097	0.020L	0.030L	1.	2.	1.	4.	1.	10. L
23 05 78	1900			.3		0.03	0.078	0.02 L	0.04	1. L	5.	1.	5.	1.	10. L
20 06 78	2200			.3			0.038			1. L	1. L	1. L	5.	1.	10. L
24 07 78	2200			.3		0.02	0.060	0.02 L	0.02 L	1. L	1. L	1. L	3.	1. L	10. L
25 08 78	2200			.3			0.023			1. L	1. L	1. L	3.	1. L	10. L
27 09 78	1530			.3		0.020	0.058	0.020L	0.020L	1. L	1. L	1. L	3.	1.	10. L
27 10 78	2200			.3		0.01	0.144	0.02 L	0.02 L						
28 11 78	1440			.3		0.010		0.020L	0.020L	1. L	1. L	1. L	3.	1. L	10. L
27 12 78	1530			.3		0.020	0.176	0.020L	0.030L						
MAXIMUM						0.050	0.176	0.020	0.04	1.	5.	1.	5.	1.	10.
AVG OR GEOM MN (*)						0.020D	0.098	0.020D	0.024D	1. D	2. D	1. D	4.	1. D	10. D
MINIMUM						0.010	0.023	0.020	0.020	1.	1.	1.	3.	1.	10.
NO OF SAMPLES						10	11	10	10	9	9	9	9	9	9

```
 B.O.W./ SITE: PECORS LAKE OUTLET                                                          STATION ID:  14-0019-003-02
 SAMPLE POINT: AT PECORS LAKE  38 1
 STATION TYPE: RIVER   FLOW GAUGE FED 02CD004        MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                        002
                                                     TERM STREAM: SERPENT RIVER                                     8040

STN NO:     3    LAT:              LONG:             U T M: 17 0389400.0 5136400.0 4    REGION: 05         MILEAGE:    29.70

                                        934          1         33         34         19         20         21         22         17         18
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      5-DAY      TOTAL   FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO        BOD          P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N          N   ORGNC  N
               FEET      MTRS                     MG/L       MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

28 02 78 1700              .3         22066        0.2      0.006     0.001L      0.920      1.160      0.005      3.970      4.895      0.240
29 03 78 1800              .3         22099        0.2      0.002     0.001L      1.010      1.120      0.006      4.140      5.156      0.110
27 05 78 1800              .3         22142                 0.007     0.001L      0.790      1.030      0.005      2.620      3.415      0.240
20 06 78 2030              .3         22172                 0.006      0.001      1.420      1.770      0.013      4.170      5.603      0.350
24 07 78 2030              .3         22203                 0.002                            1.210
31 08 78 1930              .3         22234                0.001L     0.001L      1.320      2.100      0.021      4.260      5.601      0.780
30 09 78 1800              .3         22266                 0.008

                      MAXIMUM                    0.2      0.008      0.001      1.420      2.100      0.021      4.260      5.603      0.780
           AVG OR GEOM MN (*)                    0.2     0.005D     0.001D      1.092      1.398      0.010      3.832      4.934      0.344
                      MINIMUM                    0.2      0.001      0.001      0.790      1.030      0.005      2.620      3.415      0.110

                NO OF SAMPLES                      2          7          5          5          6          5          5          5          5

                                         23          5          6          7        107         14         16         56         59        280
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL N      TOTAL      SUSP.      DISS.     CALCUL      COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS   D-SOLIDS        25C   FORMAZIN       MG/L              SILICATE
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L      UMHOS      UNITS                  MG/L    SI MG/L

28 02 78 1700              .3         5.135      162.0        2.3                   160        246       0.85        2.9       85.0       1.50
29 03 78 1800              .3         5.266      162.0        2.7                   159        245       0.40        3.1       83.0       1.55
27 05 78 1800              .3         3.655      138.0        7.7                   130        200       0.50        2.4       73.0
20 06 78 2030              .3         5.953      173.0        3.9                   169        260       0.80        4.6       88.0
24 07 78 2030              .3                    178.0        0.9        177                   800       0.32        3.2       86.0       1.45
31 08 78 1930              .3         6.381      167.0        1.0                   166        255       0.55        3.4       92.0
30 09 78 1800              .3                    159.0        0.3                   159        245                   3.3       84.0

                      MAXIMUM         6.381      178.0        7.7        177        169        800       0.85        4.6       92.0       1.55
           AVG OR GEOM MN (*)         5.278      162.7        2.7        177        157        322       0.57        3.3       84.4       1.50
                      MINIMUM         3.655      138.0        0.3        177        130        200       0.32        2.4       73.0       1.45

                NO OF SAMPLES             5          7          7          1          6          7          6          7          7          3

                                         95         52         55        208         76         72         74         68         67         66
SAMP DTE HOUR  STN  STN SAMP  PJ    ACIDITY    TOT ALK         PH      TOTAL     CALCUL      TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM
DY MO YR LMT   DIST BRG DEPTH        PH 8.3     AT LAB     AT LAB       IRON   HARDNESS    CALCIUM     NESIUM      HAZEN          K         NA
               FEET      MTRS          MG/L       MG/L                  MG/L       MG/L       MG/L       MG/L      UNITS       MG/L       MG/L

28 02 78 1700              .3           5.9          1       5.11      0.080       90.0      33.00       1.95         10       4.60       2.80
29 03 78 1800              .3           6.0          1       4.95      0.100       90.0      33.00       1.95          5       4.80       2.40
27 05 78 1800              .3           6.3          2       5.61      0.230       72.7      26.00       1.75          6       3.20       2.10
20 06 78 2030              .3           5.0          2       6.04      0.070       92.0      34.00       1.80          6       5.40       3.50
24 07 78 2030              .3           5.2          3       5.58      0.050       90.0      33.00       1.75         1L       5.05       2.80
31 08 78 1930              .3           5.0          5       6.04      1.200       95.0      35.00       1.85          7       5.10       2.40
30 09 78 1800              .3           4.9          2                 0.030       92.0      34.00       1.80                  5.00       2.80




                      MAXIMUM           6.3          5       6.04      1.200       95.0      35.00       1.95         10       5.40       3.50
           AVG OR GEOM MN (*)           5.5          2       5.56      0.251       88.8      32.57       1.84         6D       4.74       2.69
                      MINIMUM           4.9          1       4.95      0.030       72.7      26.00       1.75          1       3.20       2.10

                NO OF SAMPLES             7          7          6          7          7          7          7          6          7          7

                                         41        265        203        221        225        229        215        249        201        238
SAMP DTE HOUR  STN  STN SAMP  PJ        COD      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH                  ARSENIC   ALUMINUM   CHROMIUM     COPPER       LEAD    CADMIUM       ZINC         MN     NICKEL
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

28 02 78 1700              .3            16     0.001L      0.440     0.020L      0.030     0.030L     0.005L      0.030      0.440     0.020L
29 03 78 1800              .3            10     0.001L      0.510     0.040L      0.040     0.030L     0.005L      0.070      0.435     0.020L
27 05 78 1800              .3                   0.001L      0.82      0.02 L      0.05      0.03 L     0.005L      0.04       0.365     0.02 L
20 06 78 2030              .3                                                                                                0.380
24 07 78 2030              .3                    0.001      0.47      0.02 L      0.04      0.03 L     0.005L      0.02       0.380     0.02 L
31 08 78 1930              .3                                                                                                0.360
30 09 78 1800              .3                                                                                                0.350

                      MAXIMUM            16      0.001      0.82       0.040      0.05       0.030      0.005      0.070      0.440      0.020
           AVG OR GEOM MN (*)            13     0.001D      0.560     0.025D      0.040     0.030D     0.005D      0.040      0.387     0.020D
                      MINIMUM            10      0.001      0.440      0.020      0.030      0.030      0.005      0.02       0.350      0.020

                NO OF SAMPLES             2          4          4          4          4          4          4          4          7          4

                                        217        451        452        453        454        455        456
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL     RADIUM   GROSS"A"   GROSS"A"   GROSS"B"   GROSS"B"    URANIUM
DY MO YR LMT   DIST BRG DEPTH        COBALT   226 DISS       DISS     UNDISS       DISS     UNDISS        238
               FEET      MTRS          MG/L      PCI/L      PCI/L      PCI/L      PCI/L      PCI/L       UG/L

28 02 78 1700              .3        0.020L         4.        15.         1.        15.         1.      10. L
29 03 78 1800              .3        0.020L         7.        35.         3.        30.         3.      10. L
27 05 78 1800              .3        0.02 L         6.        20.         4.        25.         3.      10. L
20 06 78 2030              .3                       8.        20.         4.        27.         3.      10. L
24 07 78 2030              .3        0.02 L         6.        11.         2.        20.         2.      10. L
31 08 78 1930              .3                       6.        18.         2.        19.         3.      10. L

                      MAXIMUM         0.020         8.        35.         4.        30.         3.      10.
           AVG OR GEOM MN (*)        0.020D         6.        19.         2.        22.         2.      10. D
                      MINIMUM         0.020         4.        11.         1.        15.         1.      10.

                NO OF SAMPLES             4          6          6          6          6          6          6
```

B.O.W./ SITE: PECORS LAKE INLET
SAMPLE POINT: AT PECORS LAKE 37 1
STATION TYPE: RIVER

STATION ID: 14-0019-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 4 LAT: LONG: U T M: 17 0384800.0 5138650.0 4 REGION: 05 MILEAGE: 34.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L
28 02 78 1200			.3		22065	0.4	0.001L	0.001L	0.272	0.390	0.002	0.223	0.497	0.118
29 03 78 1700			.3		22098	0.2	0.003	0.001L	0.286	0.380	0.002	0.240	0.528	0.094
27 05 78 1930			.3		22143		0.005	0.001L	0.236	0.370	0.005	0.185	0.426	0.134
20 06 78 1930			.3		22173		0.006	0.001	0.310	1.180	0.001	0.185	0.496	0.870
24 07 78 1930			.3		22204		0.045			1.800				
31 08 78 1830			.3		22235		0.003	0.001L	0.218	0.410	0.001	0.205	0.424	0.192
30 09 78 1700			.3		22267		0.003							
MAXIMUM						0.4	0.045	0.001	0.310	1.800	0.005	0.240	0.528	0.870
AVG OR GEOM MN (*)						0.3	0.009D	0.001D	0.264	0.755	0.002	0.208	0.474	0.282
MINIMUM						0.2	0.001	0.001	0.218	0.370	0.001	0.185	0.424	0.094
NO OF SAMPLES						2	7	5	5	6	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L
28 02 78 1200			.3		0.615	130.0	1.4	129	198	1.40	1.6	79.0	2.00	14.4
29 03 78 1700			.3		0.622	134.0	1.8	132	205	0.90	1.6	75.0	2.05	15.0
27 05 78 1930			.3		0.560	108.0	1.1	107	165	0.60	1.4	64.0		11.5
20 06 78 1930			.3		1.366	115.0	1.5	114	175	1.00	2.0	70.0		11.6
24 07 78 1930			.3			143.0	9.5	133	205	1.10	3.1	74.0	1.35	6.4
31 08 78 1830			.3		0.616	114.0	0.1L	114	175	0.90	1.6	67.0		11.6
30 09 78 1700			.3			111.0	0.1L	111	170		1.3	67.0		10.7
MAXIMUM					1.366	143.0	9.5	133	205	1.40	3.1	79.0	2.05	15.0
AVG OR GEOM MN (*)					0.756	122.1	2.2D	120	185	0.98	1.8	70.9	1.80	11.6
MINIMUM					0.560	108.0	0.1	107	165	0.60	1.3	64.0	1.35	6.4
NO OF SAMPLES					5	7	7	7	7	6	7	7	3	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
28 02 78 1200			.3		0	4.37	0.370	70.0	24.00	2.35	10	1.10	2.00	14
29 03 78 1700			.3		0	4.36	0.360	70.0	24.00	2.35	5	1.10	1.50	18
27 05 78 1930			.3		1	4.93	0.300	55.0	19.20	1.85	8	0.90	1.40	
20 06 78 1930			.3		2	4.91	0.190	61.0	21.00	2.05	5	1.00	1.60	
24 07 78 1930			.3		2	5.04	0.200	71.0	25.00	2.00	40	2.80	2.20	
31 08 78 1830			.3		1	4.86	0.050	62.0	21.60	2.05	6	1.10	1.50	
30 09 78 1700			.3		1		0.040	62.0	21.60	1.95		1.00	1.80	
MAXIMUM					2	5.04	0.370	71.0	25.00	2.35	40	2.80	2.20	18
AVG OR GEOM MN (*)					1	4.75	0.216	64.4	22.34	2.09	12	1.29	1.71	16
MINIMUM					0	4.36	0.040	55.0	19.20	1.85	5	0.90	1.40	14
NO OF SAMPLES					7	6	7	7	7	7	6	7	7	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
28 02 78 1200			.3		0.001L	1.200	0.020L	0.030	0.030L	0.005L	0.060	0.400	0.020L	0.020L
29 03 78 1700			.3		0.001	1.700	0.040L	0.040	0.030L	0.005L	0.070	0.390	0.020L	0.020L
27 05 78 1930			.3		0.001L	1.2	0.02 L	0.04	0.03 L	0.005L	0.06	0.330	0.02 L	0.02 L
20 06 78 1930			.3									0.330		
24 07 78 1930			.3		0.001	0.87	0.04 L	0.05	0.03 L	0.005L	0.19	0.350	0.02 L	0.02 L
31 08 78 1830			.3									0.320		
30 09 78 1700			.3									0.310		
MAXIMUM					0.001	1.700	0.040	0.05	0.030	0.005	0.19	0.400	0.020	0.020
AVG OR GEOM MN (*)					0.001D	1.243	0.030D	0.040	0.030D	0.005D	0.095	0.347	0.020D	0.020D
MINIMUM					0.001	0.87	0.020	0.030	0.030	0.005	0.060	0.310	0.020	0.020
NO OF SAMPLES					4	4	4	4	4	4	4	7	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
28 02 78 1200			.3		17.	45.	4.	45.	1.	10.
29 03 78 1700			.3		10.	75.	15.	55.	5.	12.
27 05 78 1930			.3		10.	35.	10.	35.	3.	10. L
20 06 78 1930			.3		12.	22.	4.	27.	4.	10.
24 07 78 1930			.3		9.	21.	3.	23.	3.	10. L
31 08 78 1830			.3		11.	18.	2.	21.	2.	10. L
MAXIMUM					17.	75.	15.	55.	5.	12.
AVG OR GEOM MN (*)					12.	36.	6.	34.	3.	10. D
MINIMUM					9.	18.	2.	21.	1.	10.
NO OF SAMPLES					6	6	6	6	6	6

STATION ID: 14-0019-006-09

B.O.W./ SITE: CROTCH LAKE OUTLET
SAMPLE POINT: AT CROTCH LAKE 34 1
STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD107

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 6 LAT: LONG: U T M: 17 0377900.0 5141500.0 4 REGION: 05 MILEAGE: 43.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2 N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
26 01 78 1630			.3		22029		0.4	0.002	0.001L	0.120	0.640	0.003	0.145	0.268
23 02 78 1730			.3		22054		0.4	0.001	0.001L	0.165	0.430	0.006	0.220	0.391
31 03 78 1600			.3		22095		0.4	0.001	0.001L	0.380	0.810	0.008	0.575	0.963
30 06 78 1500			.3		22183			0.036	0.001	0.152	0.600	0.003	0.140	0.295
24 07 78 1730			.3		22214			0.025			0.650			
25 08 78 1630			.3		22245			0.007	0.001L	0.232	0.640	0.087	0.090	0.409
28 09 78 1130			.3		22277			0.004						
28 10 78 1630			.3		22308			0.004	0.001L	0.148	0.420	0.009	0.216	0.373
30 11 78 1430			.3		22339	6		0.006	0.001	0.132	0.34	0.006	0.234	0.372
28 12 78 1130			.3		22370	6		0.024	0.001					
MAXIMUM							0.4	0.036	0.001	0.380	0.810	0.087	0.575	0.963
AVG OR GEOM MN (*)							0.4	0.011	0.001D	0.190	0.566	0.017	0.231	0.439
MINIMUM							0.4	0.001	0.001	0.120	0.34	0.003	0.090	0.268
NO OF SAMPLES							3	10	8	7	8	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
26 01 78 1630			.3		0.520	0.788	125.0	17.0		108	166	16.00	1.5	67.0
23 02 78 1730			.3		0.265	0.656	159.0	1.2		158	243	2.40	1.4	108.0
31 03 78 1600			.3		0.430	1.393	143.0	3.2		140	215	2.90	1.7	95.0
30 06 78 1500			.3		0.448	0.743	218.0	3.9		214	330	3.10	1.6	136.0
24 07 78 1730			.3				317.0	23.0	294		480	36.00	2.0	197.0
25 08 78 1630			.3		0.408	0.817	221.0	3.2		218	336	5.10	1.8	151.0
28 09 78 1130			.3				296.0	9.6		286	440		2.2	200.0
28 10 78 1630			.3		0.272	0.645	248.0	4.0		244	375	5.30	1.8	170.0
30 11 78 1430			.3		0.208	0.580	233.	2.1		231	355	3.0	1.8	147.
28 12 78 1130			.3				238.0	46.0		192	295	23.00	2.2	115.0
MAXIMUM					0.520	1.393	317.0	46.0	294	286	480	36.00	2.2	200.0
AVG OR GEOM MN (*)					0.364	0.803	219.8	11.3	294	199	324	10.76	1.8	138.6
MINIMUM					0.208	0.580	125.0	1.2	294	108	166	2.40	1.4	67.0
NO OF SAMPLES					7	7	10	10	1	9	10	9	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
26 01 78 1630			.3		2.55	4.1	4	6.18	7.200	66.0	22.00	2.65	70G	1.25
23 02 78 1730			.3		1.60	6.0	5	6.24	0.710	102.0	37.00	2.35	40	1.30
31 03 78 1600			.3		2.95	7.4	3	5.70	1.650	87.0	30.00	2.95	50	1.50
30 06 78 1500			.3			2.7	9	6.59	0.740	153.0	57.00	2.50	18	2.30
24 07 78 1730			.3		1.15	43.3	0	3.41	10.000	174.0	59.00	6.50	100	2.20
25 08 78 1630			.3			2.7	4	6.39	1.600	160.0	59.00	3.15	27	2.00
28 09 78 1130			.3			30.7	0		5.000	184.0	68.00	3.50		2.15
28 10 78 1630			.3			1.9	7	6.46	0.850	170.0	63.00	3.00	27	1.95
30 11 78 1430			.3			4.3	9	6.13	0.75	151.	54.	4.0	21	1.80
28 12 78 1130			.3				13	6.97	18.000	137.0	49.00	3.50		1.80
MAXIMUM					2.95	43.3	13	6.97	18.000	184.0	68.00	6.50	100	2.30
AVG OR GEOM MN (*)					2.06	11.5	5	6.01	4.650	138.4	49.80	3.41	44U	1.83
MINIMUM					1.15	1.9	0	3.41	0.710	66.0	22.00	2.35	18	1.25
NO OF SAMPLES					4	9	10	9	10	10	10	10	8	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
26 01 78 1630			.3		1.60	28	0.001L	0.730	0.040L	0.020	0.030L	0.005L	0.030	0.400
23 02 78 1730			.3		1.50	18	0.001L	0.160	0.020L	0.040	0.030L	0.005L	0.010	0.220
31 03 78 1600			.3		1.90	33	0.001	0.410	0.040L	0.040	0.030L	0.005L	0.030	0.310
30 06 78 1500			.3		2.00		0.001L	0.31	0.02 L	0.03	0.03 L	0.005L	0.02	0.152
24 07 78 1730			.3		1.10		0.001	0.68	0.02 L	0.06	0.03 L	0.005L	0.01	0.340
25 08 78 1630			.3		1.70									0.190
28 09 78 1130			.3		2.60		0.001	0.640	0.020L	0.020	0.030L	0.005L	0.020	0.280
28 10 78 1630			.3		1.50		0.001L	0.48	0.02 L	0.02	0.03 L	0.005L	0.01 L	0.220
30 11 78 1430			.3		2.0		0.001	0.280	0.020L	0.030	0.030L	0.005L	0.010	0.28
28 12 78 1130			.3		1.90		0.004	1.600	0.020L	0.040	0.030L	0.010	0.040	0.460
MAXIMUM					2.60	33	0.004	1.600	0.040	0.06	0.030	0.010	0.040	0.460
AVG OR GEOM MN (*)					1.78	26	0.001D	0.588	0.024D	0.033	0.030D	0.006D	0.020D	0.285
MINIMUM					1.10	18	0.001	0.160	0.020	0.020	0.030	0.005	0.010	0.152
NO OF SAMPLES					10	3	9	9	9	9	9	9	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
26 01 78 1630			.3		0.020	0.020L						
23 02 78 1730			.3		0.020L	0.020L	4.	10.	1.	15.	1. L	10. L
31 03 78 1600			.3		0.020L	0.020L	3.	15.	1.	15.	2.	10. L
30 06 78 1500			.3		0.02 L	0.02 L	6.	6.	6.	8.	5.	10. L
24 07 78 1730			.3		0.02	0.02 L	9.	38.	10.	14.	5.	13.
25 08 78 1630			.3				9.	19.	2.	14.	1. L	10. L
28 09 78 1130			.3		0.020L	0.020L	7.	20.	10.	17.	5.	10. L
28 10 78 1630			.3		0.02 L	0.02 L						
30 11 78 1430			.3		0.020L	0.020L	6.	20.	3.	15.	3.	10. L
28 12 78 1130			.3		0.020	0.040						
MAXIMUM					0.020	0.040	9.	38.	10.	17.	5.	13.
AVG OR GEOM MN (*)					0.020D	0.022D	6.	18.	4.	14.	3. D	10. D
MINIMUM					0.020	0.020	3.	6.	1.	8.	1.	10.
NO OF SAMPLES					9	9	7	7	7	7	7	7

B.O.W./ SITE: BUCKLES CREEK
SAMPLE POINT: AT HIGHWAY NO 108 2 MILES SOUTH OF ELLIOT LAKE 40 1
STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD102

STATION ID: 14-0019-007-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 7 LAT: LONG: U T M: 17 0377150.0 5136600.0 4 REGION: 05 MILEAGE: 45.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
24 01 78 1530			.3		22022		1.0	0.085	0.003	3.700	4.140	0.056	2.210	5.966
27 02 78 1500			.3		22063		1.0	0.097	0.001L	4.300	4.800	0.047	2.770	7.117
27 03 78 1430			.3		22088		0.4	0.120	0.002	4.700	5.000	0.055	2.820	7.575
28 04 78 1300			.3		22110			0.020	0.004	3.100	3.900	0.031	1.800	4.931
23 05 78 1700			.3		22138			0.029	0.002	4.400	4.700	0.063	2.730	7.193
20 06 78 1700			.3		22168			0.034	0.002	3.850	4.150	0.975	2.800	7.625
24 07 78 1700			.3		22199			0.065			4.300			
25 08 78 1700			.3		22230			0.052	0.001L	1.420	6.500	0.062	0.760	2.242
27 09 78 1300			.3		22262			0.010						
27 10 78 1700			.3		22293			0.037	0.001	4.900	5.290	0.058	2.540	7.498
28 11 78 1300			.3		22324	6		0.016	0.001	3.88	4.08	0.065	2.09	6.035
27 12 78 1300			.3		22355	6		0.077	0.004					
MAXIMUM							1.0	0.120	0.004	4.900	6.500	0.975	2.820	7.625
AVG OR GEOM MN (*)							0.8	0.054	0.002D	3.806	4.686	0.157	2.280	6.242
MINIMUM							0.4	0.010	0.001	1.420	3.900	0.031	0.760	2.242
NO OF SAMPLES							3	12	10	9	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78 1530			.3		0.440	6.406	637.0	10.0	627		835	8.70	15.0	393.0
27 02 78 1500			.3		0.500	7.617	65.0	9.2		56	855	7.70	14.0	400.0
27 03 78 1430			.3		0.300	7.875	712.0	12.0	700		880	7.70	16.0	415.0
28 04 78 1300			.3		0.800	5.731	431.0	2.9	428		540	1.90	8.2	241.0
23 05 78 1700			.3		0.300	7.493	674.0	5.1	669		840	2.60	13.0	410.0
20 06 78 1700			.3		0.300	7.925	935.0	3.1	932		1040	2.50	19.0	525.0
24 07 78 1700			.3				950.0	7.1	943		1080	3.20	19.5	489.0
25 08 78 1700			.3		5.080	7.322	235.0	20.0		215	331	5.60	8.7	137.0
27 09 78 1300			.3				777.0	6.0	771		980		18.0	458.0
27 10 78 1700			.3		0.390	7.888	743.0	8.0	735		960	5.10	15.5	450.0
28 11 78 1300			.3		0.200	6.235	566.	4.9	561		760	3.7	11.5	350.
27 12 78 1300			.3				670.0	8.0	662		860	4.00	15.0	410.0
MAXIMUM					5.080	7.925	950.0	20.0	943	215	1080	8.70	19.5	525.0
AVG OR GEOM MN (*)					0.923	7.166	616.3	8.0	703	136	830	4.79	14.5	389.8
MINIMUM					0.200	5.731	65.0	2.9	428	56	331	1.90	8.2	137.0
NO OF SAMPLES					9	9	12	12	10	2	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
24 01 78 1530			.3		2.70	12.4	15	6.42	2.500	399.0	122.00	23.00	60	9.70
27 02 78 1500			.3		2.75	10.2	15	6.52	2.600	417.0	125.00	25.50	40	10.00
27 03 78 1430			.3		2.70	11.4	15	6.57	2.100	405.0	120.00	25.50	35	10.40
28 04 78 1300			.3			2.9	12	7.09	67.000	239.0	75.00	12.50	15	5.20
23 05 78 1700			.3			5.4	11	7.84	1.020	336.0	132.00	18.00	19	9.50
20 06 78 1700			.3			9.5	3	5.79	0.660	425.0	16.50	3.10	20	11.80
24 07 78 1700			.3		2.20	11.4	6	5.92	1.260	546.0	165.00	32.50	18	12.50
25 08 78 1700			.3			3.2	16	6.74	2.900	139.0	41.00	9.00	56	3.65
27 09 78 1300			.3			7.5	16		1.300	434.0	130.00	26.50		11.00
27 10 78 1700			.3			2.0	18	6.85	1.700	498.0	155.00	27.00	43	11.00
28 11 78 1300			.3			5.3	19	6.91	1.2	328.	100.	19.	35	8.5
27 12 78 1300			.3				20	6.90	1.700	424.0	132.00	23.00	35	10.50
MAXIMUM					2.75	12.4	20	7.84	67.000	546.0	165.00	32.50	60	12.50
AVG OR GEOM MN (*)					2.59	7.4	14	6.69	7.162	382.5	109.46	20.38	34	9.48
MINIMUM					2.20	2.0	3	5.79	0.660	139.0	16.50	3.10	15	3.65
NO OF SAMPLES					4	11	12	11	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
24 01 78 1530			.3		11.00	38	0.001	0.670	0.020L	0.030	0.030L	0.005L	0.030	0.550
27 02 78 1500			.3		11.00	54	0.001L	0.530	0.020L	0.040	0.030L	0.005L	0.020	0.600
27 03 78 1430			.3		12.00	18	0.001	0.710	0.040L	0.060	0.030L	0.005L	0.030	0.590
28 04 78 1300			.3		6.30		0.001	0.460	0.100	0.020	0.030L	0.005L	0.030	0.200
23 05 78 1700			.3		10.00		0.001L	0.28	0.02 L	0.04	0.03 L	0.005L	0.01	0.440
20 06 78 1700			.3		13.00									0.685
24 07 78 1700			.3		14.00		0.001	0.58	0.02 L	0.06	0.03 L	0.005L	0.01 L	0.710
25 08 78 1700			.3		6.30									0.570
27 09 78 1300			.3		12.50		0.001	0.620	0.020L	0.040	0.040	0.005L	0.020	0.480
27 10 78 1700			.3		11.00		0.001	0.56	0.02 L	0.03	0.03 L	0.005L	0.01	0.400
28 11 78 1300			.3		11.		0.001	0.500	0.020L	0.030	0.030L	0.005L	0.010	0.29
27 12 78 1300			.3		10.00		0.001	1.200	0.020L	0.080	0.030L	0.005L	0.040	0.360
MAXIMUM					14.00	54	0.001	1.200	0.100	0.080	0.040	0.005	0.040	0.710
AVG OR GEOM MN (*)					10.68	37	0.001D	0.611	0.030D	0.043	0.031D	0.005D	0.021D	0.490
MINIMUM					6.30	18	0.001	0.28	0.020	0.020	0.030	0.005	0.01	0.200
NO OF SAMPLES					12	3	10	10	10	10	10	10	10	12

(CONTD)

STATION ID: 14-0019-007-09

B.O.W./ SITE: BUCKLES CREEK
SAMPLE POINT: AT HIGHWAY NO 108 2 MILES SOUTH OF ELLIOT LAKE 40 1
STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD102

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 7 LAT: LONG: U T M: 17 0377150.0 5136600.0 4 REGION: 05 MILEAGE: 45.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
24 01 78	1530			.3		0.020L	0.020L						
27 02 78	1500			.3		0.020L	0.020L	3.	10.	10.	15.	10.	10. L
27 03 78	1430			.3		0.020L	0.020L	6.	150.	10.	25.	10.	10. L
28 04 78	1300			.3		0.020L	0.030L	3.	10.	5.	10.	5.	10. L
23 05 78	1700			.3		0.02 L	0.02 L	5.	15.	5.	15.	5.	10. L
20 06 78	1700			.3				3.	3.	5.	18.	4.	10. L
24 07 78	1700			.3		0.02	0.02 L						
25 08 78	1700			.3				3.	7.	19.	10.	11.	10. L
27 09 78	1300			.3		0.020	0.020L	4.	3.	8.	16.	7.	10. L
27 10 78	1700			.3		0.02 L	0.02 L						
28 11 78	1300			.3		0.020L	0.020L	4.	6.	8.	14.	5.	10. L
27 12 78	1300			.3		0.020L	0.030L						
MAXIMUM						0.020	0.030	6.	150.	19.	25.	11.	10.
AVG OR GEOM MN (*)						0.020D	0.022D	4.	25.	8.	15.	7.	10. D
MINIMUM						0.020	0.020	3.	3.	5.	10.	4.	10.
NO OF SAMPLES						10	10	8	8	8	8	8	8

STATION ID: 14-0019-009-02

B.O.W./ SITE: SHERIFF CREEK
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 9 LAT: LONG: U T M: 17 0372100.0 5139900.0 4 REGION: 05 MILEAGE: 48.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
23 01 78	1630			.3		22019		0.5	0.117	0.007	1.430	1.660	0.006	0.214	1.650
23 02 78	1730			.3		22056		0.4	0.142	0.001L	1.920	2.480	0.009	0.131	2.060
27 03 78	1530			.3		22086		0.2	0.096	0.001	1.590	1.980	0.008	0.165	1.763
28 04 78	1530			.3		22111			0.047	0.003	0.710	1.060	0.001	0.050	0.761
24 05 78	2000			.3		22151			0.044	0.004	0.470	0.800	0.003	0.240	0.713
20 06 78	1600			.3		22181			0.098	0.008	0.450	0.850	0.008	0.105	0.563
24 07 78	1430			.3		22212			0.092			1.100			
25 08 78	1300			.3		22243			0.029	0.006	0.440	0.810	0.004	0.055	0.499
28 09 78	1230			.3		22275			0.050						
28 10 78	1300			.3		22306			0.049	0.001L	0.640	0.890	0.014	0.351	1.005
30 11 78	1330			.3		22337	6		0.038	0.001L	0.500	0.68	0.007	0.258	0.765
28 12 78	1230			.3		22368	6		0.133	0.001					
MAXIMUM								0.5	0.142	0.008	1.920	2.480	0.014	0.351	2.060
AVG OR GEOM MN (*)								0.4	0.078	0.0030	0.906	1.231	0.007	0.174	1.087
MINIMUM								0.2	0.029	0.001	0.440	0.68	0.001	0.050	0.499
NO OF SAMPLES								3	12	10	9	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 78	1630			.3		0.230	1.880	203.0	22.0	181	278	18.00	30.0	73.0	3.30
23 02 78	1730			.3		0.560	2.620	211.0	16.0	195	300	15.00	32.0		3.50
27 03 78	1530			.3		0.390	2.153	200.0	8.3	192	295	8.20	21.5	90.0	4.25
28 04 78	1530			.3		0.350	1.111	133.0	2.8	130	200	1.90	15.0	53.0	
24 05 78	2000			.3		0.330	1.043	166.0	4.2	162	250	0.90	28.5	59.0	
20 06 78	1600			.3		0.400	0.963	182.0	6.6	175	270	1.90	37.5	63.0	
24 07 78	1430			.3				172.0	3.4	169	260	1.50	31.5	60.0	1.50
25 08 78	1300			.3		0.370	0.869	137.0	1.7	135	207	1.10	37.5	55.0	
28 09 78	1230			.3				173.0	7.2	166	250		32.0	61.0	
28 10 78	1300			.3		0.250	1.255	204.0	6.0	198	305	3.10	33.5	82.0	
30 11 78	1330			.3		0.180	0.945	223.	7.6	215	330	10.	14.5	102.	
28 12 78	1230			.3				205.0	10.0	195	300	10.00	33.0	75.0	
MAXIMUM						0.560	2.620	223.	22.0	215	330	18.00	37.5	102.	4.25
AVG OR GEOM MN (*)						0.340	1.427	184.1	8.0	176	270	6.51	28.9	70.3	3.14
MINIMUM						0.180	0.869	133.0	1.7	130	200	0.90	14.5	53.0	1.50
NO OF SAMPLES						9	9	12	12	12	12	11	12	11	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
23 01 78	1630			.3		25.8	2	5.11	1.800	68.0	20.00	4.50	40	2.20	19.00
23 02 78	1730			.3		16.6	6	5.63	1.800	75.0	22.00	4.80	40	2.50	21.00
27 03 78	1530			.3		25.0	2	4.85	1.700	78.0	23.00	5.00	35	2.10	15.00
28 04 78	1530			.3		13.5	0	4.31	0.430	42.0	12.80	2.50	5	1.20	10.20
24 05 78	2000			.3		14.6	1	6.92	0.670	53.0	15.80	3.20	13	1.80	17.00
20 06 78	1600			.3		11.1	2	6.05	0.600	63.0	18.80	3.95	18	1.80	23.00
24 07 78	1430			.3		8.0	2	5.25	0.630	57.0	16.80	3.60	14	1.00	20.00
25 08 78	1300			.3		2.1	6	6.78	0.480	60.0	17.40	3.90	20	1.55	18.00
28 09 78	1230			.3		7.4	3		0.400	63.0	18.80	4.00		1.95	20.00
28 10 78	1300			.3		16.8	1L	4.82		67.0	20.00	4.25	21	2.25	21.00
30 11 78	1330			.3		46.5	0	3.61	3.7	78.	23.	4.90	56	1.60	8.5
28 12 78	1230			.3			2	4.78	1.900	73.0	22.00	4.50	38	2.40	20.00
MAXIMUM						46.5	6	6.92	3.7	78.0	23.00	5.00	56	2.50	23.00
AVG OR GEOM MN (*)						17.0	2D	5.28	1.283	64.8	19.20	4.09	27	1.86	17.73
MINIMUM						2.1	0	3.61	0.400	42.0	12.80	2.50	5	1.00	8.5
NO OF SAMPLES						11	12	11	11	12	12	12	11	12	12

(C O N T D)

SAMP DTE HOLR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
23 01 78 1630			.3		33	0.001L	2.600	0.020L	0.030	0.030L	0.005L	0.050	0.680	0.030
23 02 78 1730			.3		20	0.001L	1.900	0.020L	0.040	0.030L	0.005L	0.030	0.790	0.050
27 03 78 1530			.3		24	0.001L	3.000	0.040L	0.120	0.030L	0.005L	0.060	0.840	0.020L
28 04 78 1530			.3			0.001L	1.600	0.020L	0.030	0.030L	0.005L	0.060	0.340	0.020L
24 05 78 2000			.3			0.001L	1.0	0.02 L	0.04	0.03 L	0.005L	0.03	0.365	0.02 L
20 06 78 1600			.3										0.370	
24 07 78 1430			.3			0.001	0.52	0.02 L	0.10	0.03 L	0.005L	0.01	0.590	0.02 L
25 08 78 1300			.3										0.102	
28 09 78 1230			.3			0.001	0.670	0.020L	0.030	0.030L	0.005L	0.020	0.400	0.020L
28 10 78 1300			.3				1.2						0.570	
30 11 78 1330			.3			0.001L	3.700	0.020L	0.070	0.030L	0.005L	0.040	0.81	0.020L
28 12 78 1230			.3			0.001L	2.000	0.020L	0.040	0.030L	0.005L	0.040	0.660	0.020L
MAXIMUM					33	0.001	3.700	0.040	0.120	0.030	0.005	0.060	0.840	0.050
AVG OR GEOM MN (*)					26	0.001D	1.819	0.0220	0.056	0.030D	0.005D	0.038	0.543	0.024D
MINIMUM					20	0.001	0.52	0.020	0.030	0.030	0.005	0.01	0.102	0.020
NO OF SAMPLES					3	9	10	9	9	9	9	9	12	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 01 78 1630			.3		0.020L						
23 02 78 1730			.3		0.030	5.	15.	15.	20.	10.	10. L
27 03 78 1530			.3		0.040	4.	170.	20.	70.	20.	60.
28 04 78 1530			.3		0.030L	4.	85.	5.	30.	3.	35.
24 05 78 2000			.3		0.02 L	4.	45.	10.	20.	10.	20.
20 06 78 1600			.3			4.	10.	4.	17.	5.	10. L
24 07 78 1430			.3		0.02 L	6.	6.	3.	13.	2.	10. L
25 08 78 1300			.3			3.	6.	2.	6.	1.	10. L
28 09 78 1230			.3		0.020L	2.	12.	4.	11.	4.	10. L
30 11 78 1330			.3		0.020	16.	200.	9.	60.	12.	95.
28 12 78 1230			.3		0.040						
MAXIMUM					0.040	16.	200.	20.	70.	20.	95.
AVG OR GEOM MN (*)					0.0270	5.	61.	8.	27.	7.	28. D
MINIMUM					0.020	2.	6.	2.	6.	1.	10.
NO OF SAMPLES					9	9	9	9	9	9	9

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR QUIRKE LAKE INLET 59 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD005

STATION ID: 14-0019-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 10 LAT: LONG: U T M: 17 0383100.0 5150450.0 4 REGION: 05 MILEAGE: 49.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
29 01 78 1530			.3		22034		20.80	0.4	0.001L		0.084	0.300	0.002	0.063
21 02 78 1800			.3		22050		14.00	0.2	0.008	0.001L	0.092	1.000	0.005	0.120
27 03 78 1900			.3		22100		12.80	0.2		0.002	0.192	0.320	0.001	0.165
29 04 78 1500			.3		22112		279.00		0.005	0.001	0.056	0.700	0.002	0.135
26 05 78 1930			.3		22154		115.00		0.006	0.001	0.026	0.290	0.004	0.066
18 06 78 1700			.3		22185		27.40		0.003	0.001L	0.028	0.360	0.002	0.045
24 07 78 1100			.3		22216		17.10		0.006			0.420		
24 08 78 1100			.3		22247		7.90		0.009	0.001L	0.080	0.680	0.021	0.190
28 09 78 1030			.3		22279		80.10		0.027					
28 10 78 1100			.3		22310		63.70		0.024		0.039	0.350		
30 11 78 1530			.3		22341	6	52.00		0.008	0.001L	0.052	0.28	0.004	0.166
28 12 78 1630			.3		22372	6	24.30		0.008	0.001				
MAXIMUM							279.00	0.4	0.027	0.002	0.192	1.000	0.021	0.190
AVG OR GEOM MN (*)							59.51	0.3	0.010D	0.001D	0.072	0.470	0.005	0.119
MINIMUM							7.90	0.2	0.001	0.001	0.026	0.28	0.001	0.045
NO OF SAMPLES							12	3	11	8	9	10	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
29 01 78 1530			.3		0.149	0.216	0.365	51.0	4.0	47	72	4.30	0.9	28.0
21 02 78 1800			.3		0.217	0.908	1.125	57.0	5.6	51	79	5.20	0.8	25.5
27 03 78 1900			.3		0.358	0.128	0.486	119.0	5.1	114	175	5.40	1.2	63.0
29 04 78 1500			.3		0.193	0.644	0.837	34.0	1.8	32	50	1.60	0.7	16.0
26 05 78 1930			.3		0.096	0.264	0.360	30.0	2.3	28	43	1.10	0.6	14.5
18 06 78 1700			.3		0.075	0.332	0.407	40.0	4.4	36	55	1.30	0.7	21.5
24 07 78 1100			.3					36.0	3.6	32	50	2.80	0.7	16.0
24 08 78 1100			.3		0.291	0.600	0.891	44.0	2.1	42	64	1.80	0.8	21.0
28 09 78 1030			.3					63.0	12.0	51	78		0.8	26.0
28 10 78 1100			.3			0.311		40.0	1.0	39	60	1.30	0.9	15.5
30 11 78 1530			.3		0.222	0.228	0.450	39.	0.8	38	58	1.5	0.8	18.
28 12 78 1630			.3					185.0	3.0	182	280	1.50	4.1	94.0
MAXIMUM					0.358	0.908	1.125	185.0	12.0	182	280	5.40	4.1	94.0
AVG OR GEOM MN (*)					0.200	0.403	0.615	61.5	3.8	58	89	2.53	1.1	29.9
MINIMUM					0.075	0.128	0.360	30.0	0.8	28	43	1.10	0.6	14.5
NO OF SAMPLES					8	9	8	12	12	12	12	11	12	12

(CONTD)

STATION ID: 14-0019-010-02

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR QUIRKE LAKE INLET 59 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 10 LAT: LONG: U T M: 17 0383100.0 5150450.0 4 REGION: 05 MILEAGE: 49.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
29 01 78 1530			.3		2.15	3.0	1L	6.01	1.800	25.0	8.00	1.15	50	0.40
21 02 78 1800			.3		2.05	5.7	2	5.11	1.800	27.0	8.60	1.25	50	0.50
27 03 78 1900			.3		2.60	8.4	0	4.23	1.640	59.0	20.00	2.10	45	1.10
29 04 78 1500			.3			3.1	3	6.08	0.710	17.0	5.40	0.80	35	0.30
26 05 78 1930			.3			3.5	3	5.89	0.420	14.0	4.60	0.70	41	0.30
18 06 78 1700			.3			2.5	3	6.47	0.670	19.0	5.80	1.00	35	0.40
24 07 78 1100			.3		0.95	2.9	0	6.62	5.000	22.0	6.20	1.55	32	0.40
24 08 78 1100			.3			2.1	5	6.14	0.920	25.0	8.40	0.90	34	0.50
28 09 78 1030			.3			2.0	0		0.410	31.0	10.60	1.00		0.35
28 10 78 1100			.3			2.3	7	5.85	0.640	18.0	6.00	0.80	46	0.35
30 11 78 1530			.3			5.7	0	6.04	0.72	24.	7.	1.5	36	0.40
28 12 78 1630			.3				3	5.46	0.450	101.0	37.00	2.00	20	5.25
MAXIMUM					2.60	8.4	7	6.62	5.000	101.0	37.00	2.10	50	5.25
AVG OR GEOM MN (*)					1.94	3.7	2D	5.81	1.265	31.8	10.63	1.23	39	0.85
MINIMUM					0.95	2.0	0	4.23	0.410	14.0	4.60	0.70	20	0.30
NO OF SAMPLES					4	11	12	11	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
29 01 78 1530			.3		1.10	24	0.001L	0.320	0.020	0.040	0.030L	0.005L	0.010L	0.068
21 02 78 1800			.3		0.90	18	0.001L	0.440	0.020L	0.040	0.030L	0.005L	0.010	0.066
27 03 78 1900			.3		1.30	11	0.001L	1.000	0.040L	0.060	0.030L	0.005L	0.080	0.160
29 04 78 1500			.3		0.90		0.001L	0.210	0.020L	0.030	0.030L	0.005L	0.020	0.068
26 05 78 1930			.3		1.00		0.001L	0.39	0.02 L	0.04	0.03 L	0.005L	0.02	0.043
18 06 78 1700			.3		1.10									0.063
24 07 78 1100			.3		1.10		0.001	0.10	0.04 L	0.02	0.03 L	0.005L	0.01	0.090
24 08 78 1100			.3		1.00									0.057
28 09 78 1030			.3		1.30		0.001	0.480	0.020L	0.020	0.030L	0.005L	0.020	0.038
28 10 78 1100			.3		0.80		0.001L	0.36	0.02 L	0.02	0.03 L	0.005L	0.01	0.049
30 11 78 1530			.3		1.5		0.001	0.330	0.020L	0.030	0.030L	0.005L	0.010L	0.114
28 12 78 1630			.3		4.00		0.001L	0.500	0.020L	0.070	0.030L	0.005L	0.030	0.210
MAXIMUM					4.00	24	0.001	1.000	0.040	0.070	0.030	0.005	0.080	0.210
AVG OR GEOM MN (*)					1.33	18	0.001D	0.413	0.024D	0.037	0.030D	0.0050	0.022D	0.086
MINIMUM					0.80	11	0.001	0.10	0.020	0.02	0.030	0.005	0.010	0.038
NO OF SAMPLES					12	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
29 01 78 1530			.3		0.020L	0.020L						
21 02 78 1800			.3		0.020L	0.020L	1. L	5.	4.	5.	5.	10. L
27 03 78 1900			.3		0.020L	0.040	5.	25.	5.	15.	5.	10. L
29 04 78 1500			.3		0.020L	0.03 L	1.	5.	2.	5.	3.	10. L
26 05 78 1930			.3		0.02 L	0.02 L	1. L	5.	3.	5.	3.	10. L
18 06 78 1700			.3				3.	3.	4.	8.	4.	10. L
24 07 78 1100			.3		0.02 L	0.02 L	1.	4.	2.	4.	1.	10. L
24 08 78 1100			.3				2.	6.	3.	7.	1.	10. L
28 09 78 1030			.3		0.020L	0.020L						
28 10 78 1100			.3		0.02 L	0.02 L						
30 11 78 1530			.3		0.020L	0.020L	1. L	2.	1. L	3.	1. L	10. L
28 12 78 1630			.3		0.020	0.030L						
MAXIMUM					0.020	0.040	5.	25.	5.	15.	5.	10.
AVG OR GEOM MN (*)					0.020D	0.024D	2. D	6.	3. D	6.	2. D	10. D
MINIMUM					0.020	0.020	1.	2.	1.	3.	1.	10.
NO OF SAMPLES					10	10	8	8	8	8	8	8

STATION ID: 14-0019-011-02

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR QUIRKE LAKE INLET 24 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD006

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 11 LAT: LONG: U T M: 17 0376550.0 5151850.0 4 REGION: 05 MILEAGE: 53.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
21 01 78 1700			.3		22013		67.10	0.4	0.005		9.700	9.980	2.050	17.300
22 02 78 1600			.3		22049		48.40	0.4	0.011	0.005	11.800	13.500	2.400	21.000
26 03 78 1230			.3		22080		65.30	0.2	0.003		12.800	13.800	1.530	20.000
29 04 78 0800			.3		22113		239.00		0.003	0.001	3.900	4.500	0.350	6.900
24 05 78 1800			.3		22162		97.90		0.006	0.001L	6.200	6.500	0.825	14.900
19 06 78 1800			.3		22193		87.60		0.004	0.001L	5.050	5.150	0.775	17.700
23 07 78 1600			.3		22224		64.30		0.016			4.100		
24 08 78 1500			.3		22255		49.40		0.005	0.001	2.380	2.400	0.330	15.500
29 09 78 1500			.3		22287		87.00		0.010					
29 10 78 1500			.3		22318		111.00		0.005	0.001L	4.300	5.100	1.500	14.600
30 11 78 1930			.3		22349	6	89.50		0.003	0.001L	4.75	4.98	1.55	12.9
29 12 78 1500			.3		22380	6	68.90		0.001	0.001				
MAXIMUM							239.00	0.4	0.016	0.005	12.800	13.800	2.400	21.000
AVG OR GEOM MN (*)							89.62	0.3	0.006	0.002D	6.764	7.001	1.257	15.644
MINIMUM							48.40	0.2	0.001	0.001	2.380	2.400	0.330	6.900
NO OF SAMPLES							12	3	12	8	9	10	9	9

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
21 01 78 1700			.3		29.050	0.280	29.330	671.0	1.4	670	895	1.30	11.5	348.0
22 02 78 1600			.3		35.200	1.700	36.900	785.0	1.1	784	1050	0.95	13.5	413.0
26 03 78 1230			.3		34.330	1.000	35.330	733.0	1.4	732	950	1.00	15.5	351.0
29 04 78 0300			.3		11.150	0.600	11.750	289.0	0.8	288	410	0.85	7.9	137.0
24 05 78 1300			.3		21.925	0.300	22.225	578.0	1.6	576	750	1.00	14.5	285.0
19 06 78 1300			.3		23.525	0.100	23.625	565.0	0.9	564	720	0.70	12.5	275.0
23 07 78 1500			.3					608.0	1.2	607	740	1.60	12.5	26.4
24 08 78 1500			.3		18.210	0.020	18.230	681.0	0.9	680	770	1.00	9.5	318.0
29 09 78 1500			.3					764.0	2.3	762	920		22.5	363.0
29 10 78 1500			.3		20.400	0.800	21.200	450.0	1.0	449	700	2.10	12.5	240.0
30 11 78 1930			.3		19.200	0.230	19.430	466.	0.8	465	680	2.1	13.	260.
29 12 78 1500			.3					511.0	1.0	510	720	1.90	13.0	273.0
MAXIMUM					35.200	1.700	36.900	785.0	2.3	784	1050	2.10	22.5	413.0
AVG OR GEOM MN (*)					23.666	0.559	24.224	591.8	1.2	591	775	1.32	13.2	274.1
MINIMUM					11.150	0.020	11.750	289.0	0.8	288	410	0.70	7.9	26.4
NO OF SAMPLES					9	9	9	12	12	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
21 01 78 1700			.3		0.85	0.0	22	8.16	0.110	388.0	150.00	3.15	5	25.00
22 02 78 1600			.3		0.80	0.0	33	8.41	0.110	462.0	180.00	3.00		32.00
26 03 78 1230			.3		0.80	0.0	28	8.72	0.100	388.0	150.00	3.30	5	29.00
29 04 78 0800			.3			2.8	12	7.15	0.230	149.0	57.00	1.65	10	10.40
24 05 78 1800			.3			1.8	16	8.07	0.080	280.0	108.00	2.45	9	21.00
19 06 78 1800			.3			3.9	11	7.20	0.060	309.0	120.00	2.35	12	21.10
23 07 78 1600			.3		0.90	4.3	11	6.95	0.090	310.0	120.00	2.50	13	22.50
24 08 78 1500			.3			2.4	12	7.04	0.110	335.0	130.00	2.45	10	24.00
29 09 78 1500			.3			5.8	12		0.120	388.0	150.00	3.25		27.00
29 10 78 1500			.3			3.3	9	6.87	0.280	273.0	106.00	2.00	17	18.00
30 11 78 1930			.3			6.4	12	7.20	0.39		95.		18	11.5
29 12 78 1500			.3				12	6.81	0.160		109.00		4	21.50
MAXIMUM					0.90	6.4	33	8.72	0.39	462.0	180.00	3.30	18	32.00
AVG OR GEOM MN (*)					0.84	2.8	16	7.51	0.153	328.2	122.92	2.61	10	21.92
MINIMUM					0.80	0.0	9	6.81	0.060	149.0	57.00	1.65	4	10.40
NO OF SAMPLES					4	11	12	11	12	10	12	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
21 01 78 1700			.3		7.50	42	0.004	0.36	0.02	0.02	0.03 L	0.005L	0.01 L	0.110
22 02 78 1600			.3			14	0.005	0.660	0.020L	0.040	0.030L	0.005L	0.010L	0.096
26 03 78 1230			.3		12.00	30	0.004	0.660	0.040L	0.110	0.030L	0.005L	0.040	0.093
29 04 78 0800			.3		5.40		0.001	0.230	0.020L	0.060	0.030L	0.005L	0.020	0.073
24 05 78 1800			.3		10.00		0.002	0.29	0.02 L	0.06	0.03 L	0.005L	0.01	0.107
19 06 78 1800			.3											0.098
23 07 78 1600			.3		8.60		0.002	0.19	0.02 L	0.07	0.03 L	0.005L	0.01 L	0.119
24 08 78 1500			.3		6.20									0.122
29 09 78 1500			.3		13.50		0.001	0.370	0.020L	0.040	0.030L	0.005L	0.010L	0.160
29 10 78 1500			.3		7.50		0.001	0.340	0.020L	0.020	0.030L	0.005L	0.010L	0.114
30 11 78 1930			.3		8.0		0.002	0.240	0.020L	0.005L	0.030L	0.005L	0.010L	0.136
29 12 78 1500			.3		9.00		0.002	0.330	0.020L	0.060	0.030L	0.005L	0.020	0.130
MAXIMUM					13.50	42	0.005	0.660	0.040	0.110	0.03	0.005	0.040	0.160
AVG OR GEOM MN (*)					8.77	29	0.002	0.367	0.022D	0.049D	0.030D	0.005D	0.015D	0.113
MINIMUM					5.40	14	0.001	0.19	0.02	0.005	0.03	0.005	0.01	0.073
NO OF SAMPLES					10	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
21 01 78 1700			.3		0.02 L	0.02 L						
22 02 78 1600			.3		0.020L	0.020L	3.	65.	3.	45.	4.	30.
26 03 78 1230			.3		0.020L	0.020L	6.	85.	3.	45.	3.	3.
29 04 78 0800			.3		0.020L	0.03 L	2.	20.	25.	10.	15.	10. L
24 05 78 1800			.3		0.02 L	0.03 L	3.	35.	15.	30.	10.	20.
19 06 78 1800			.3				8.	9.	6.	30.	4.	17.
23 07 78 1600			.3		0.02 L	0.02 L	3.	8.	6.	24.	4.	10. L
24 08 78 1500			.3				3.	4.	5.	19.	6.	10. L
29 09 78 1500			.3		0.020L	0.020L						
29 10 78 1500			.3		0.020L	0.020L						
30 11 78 1930			.3		0.020L	0.020L	4.	39.	7.	35.	4.	17.
29 12 78 1500			.3		0.020	0.030L						
MAXIMUM					0.02	0.03	8.	85.	25.	45.	15.	30.
AVG OR GEOM MN (*)					0.0200	0.0230	4.	32.	8.	29.	6.	14. D
MINIMUM					0.02	0.02	2.	4.	3.	10.	3.	3.
NO OF SAMPLES					10	10	8	8	8	8	8	8

B.O.W./ SITE: CREEK
SAMPLE POINT: NEAR ROAD TO STANROCK TOWNSITE 32 2
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-012-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 12 LAT: LONG: U T M: 17 0380900.0 5147400.0 4 REGION: 05 MILEAGE: 54.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	33 TOTAL P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	18 TOTAL ORGNC N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS
23 05 78 1530			.3		22147	0.330	2.450	4.100	1.830	1.650	7666.0	7.8	7658	4700
19 06 78 2030			.3		22177		3.400	5.400	4.100	2.000	11787.0	27.0	11760	6800
23 07 78 1700			.3		22208	0.450		2.700			4294.0	31.0	4263	4400
24 08 78 1700			.3		22239	1.250	8.400	9.100	1.800	0.700	17714.0	10.0	17704	9400
28 09 78 1400			.3		22271	0.062					1367.0	23.0	1344	1660
28 10 78 1700			.3		22302		6.200	7.900		1.700	15261.0	12.0	15249	8100
MAXIMUM						1.250	8.400	9.100	4.100	2.000	17714.0	31.0	17704	9400
AVG OR GEOM MN (*)						0.523	5.113	5.840	2.577	1.513	9681.5	18.5	9663	5843
MINIMUM						0.062	2.450	2.700	1.800	0.700	1367.0	7.8	1344	1660
NO OF SAMPLES						4	4	5	3	4	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
23 05 78 1530			.3		1.10	22.5	4289.0		4390.0	0	2.41	13750.00	620.0	230.00
19 06 78 2030			.3		18.00	33.0	5000.0		6.1	0	2.33	42500.00	1174.0	335.00
23 07 78 1700			.3		31.00	8.1	2371.0	15.00	2400.0	0	2.30	100.000	486.0	155.00
24 08 78 1700			.3		260.00	32.0	8375.0		8290.0	0	2.28	5900.000	1360.0	380.00
28 09 78 1400			.3			7.2	808.0		909.0	0		145.000	260.0	73.00
28 10 78 1700			.3		1.90	27.5			7990.0	0	2.10	3000.000	1050.0	325.00
MAXIMUM					260.00	33.0	8375.0	15.00	8290.0	0	2.41	42500.00	1360.0	380.00
AVG OR GEOM MN (*)					62.40	21.7	4168.6	15.00	3997.5	0	2.28	10899.17	825.0	249.67
MINIMUM					1.10	7.2	808.0	15.00	6.1	0	2.10	100.000	260.0	73.00
NO OF SAMPLES					5	6	5	1	6	6	5	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
23 05 78 1530			.3		11.00	1700	14.00	16.00	0.14	130.	0.20	1.6	0.03 L	0.01
19 06 78 2030			.3		82.00	12200	26.90							
23 07 78 1700			.3		24.00	750	6.40	4.80	0.10	72.	0.20 L	0.85	0.15 L	0.025L
24 08 78 1700			.3		100.00		39.00	17.00						
28 09 78 1400			.3		19.00		2.40	6.00	0.023	33.000	0.030	0.300	0.030	0.005L
28 10 78 1700			.3		58.00	1787	54.00	41.00	0.55	250.	0.48	2.7	0.53	0.03
MAXIMUM					100.00	12200	54.00	41.00	0.55	250.	0.48	2.7	0.53	0.03
AVG OR GEOM MN (*)					49.00	4109	23.78	16.96	0.203	121.250	0.228D	1.363	0.185D	0.018D
MINIMUM					11.00	750	2.40	4.80	0.023	33.000	0.030	0.300	0.03	0.005
NO OF SAMPLES					6	4	6	5	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 05 78 1530			.3		5.3	50.000	1.3	1.8	2.	4700.	15.	1500.	10.	1800.
19 06 78 2030			.3			74.000			2.	2710.	30.	2200.	15.	1420.
23 07 78 1700			.3		2.5	6.000	0.55	1.0	1. L	2440.	88.	730.	35.	1040.
24 08 78 1700			.3			22.000			1. L	11300.	1620.	3000.	410.	4150.
28 09 78 1400			.3		1.000	0.860	0.240	0.420	1. L	680.	2.	170.	1.	210.
28 10 78 1700			.3		8.6	18.000	2.1	3.3						
MAXIMUM					8.6	74.000	2.1	3.3	2.	11300.	1620.	3000.	410.	4150.
AVG OR GEOM MN (*)					4.350	28.477	1.048	1.630	1. D	4366.	351.	1520.	94.	1724.
MINIMUM					1.000	0.860	0.240	0.420	1.	680.	2.	170.	1.	210.
NO OF SAMPLES					4	6	4	4	5	5	5	5	5	5

B.O.W./ SITE: BUD LAKE CREEK
SAMPLE POINT: AT HIGHWAY NO 108 BUD LAKE 22 1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD112

STATION ID: 14-0019-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 13 LAT: LONG: U T M: 17 0373500.0 5151450.0 4 REGION: 05 MILEAGE: 55.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
21 01 78 1500			.3		22011		0.6	0.001L		19.000	19.000	9.300	56.300	84.600
22 02 78 1200			.3		22047		0.2	0.012	0.007	19.500	19.500	7.500	58.800	85.800
26 03 78 1130			.3		22078		0.4	0.004		22.200	26.000	8.500	55.000	85.700
29 04 78 0900			.3		22115			0.005	0.001L	8.950	9.800	2.350	20.200	31.500
24 05 78 1700			.3		22160					11.800	12.500	3.400	31.100	46.300
19 06 78 1700			.3		22191			0.010		17.200	17.200	4.600	52.400	74.200
23 07 78 1500			.3		22222			0.006			19.500			
24 08 78 1400			.3		22253			0.006	0.014	9.600	11.200	4.350	53.600	67.550
29 09 78 1400			.3		22285			0.007						
29 10 78 1400			.3		22316			0.018		10.000	10.300	7.100	44.400	61.500
30 11 78 1830			.3		22347	6		0.004		11.3	12.0	6.90	43.1	61.300
29 12 78 1430			.3		22378	6		0.005						
MAXIMUM							0.6	0.018	0.014	22.200	26.000	9.300	58.800	85.800
AVG OR GEOM MN (*)							0.4	0.007D	0.007D	14.394	15.700	6.000	46.100	66.494
MINIMUM							0.2	0.001	0.001	8.950	9.800	2.350	20.200	31.500
NO OF SAMPLES							3	11	3	9	10	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
21 01 78 1500			.3		0.000	84.600	2127.0	8.3	2119	2330	6.70	15.5	1117.0	0.85
22 02 78 1200			.3		0.000	85.800	2248.0	11.0	2237	2360	6.40	16.5	1163.0	0.80
26 03 78 1130			.3		3.800	89.500	2156.0	9.0	2147	2260	5.60	16.5	1096.0	0.80
29 04 78 0900			.3		0.850	32.350	795.0	3.2	792	980	3.60	7.2	400.0	
24 05 78 1700			.3		0.700	47.000	1300.0	5.5	1294	1480	5.10	11.5	700.0	
19 06 78 1700			.3		0.000	74.200	2129.0	11.0	2118	2175	6.00	14.5	1188.0	
23 07 78 1500			.3				2088.0	6.3	2082	2120	6.20	15.0	1053.0	1.40
24 08 78 1400			.3		1.600	69.150	2805.0	2.8	2802	2260	4.40	18.0	1178.0	
29 09 78 1400			.3				1297.0	14.0	1283	1380		9.6	648.0	
29 10 78 1400			.3		0.300	61.800	1741.0	10.0	1731	1950	20.00	15.5	812.0	
30 11 78 1830			.3		0.700	62.000	1655.	12.	1643	1900	21.	13.5	850.	
29 12 78 1430			.3				2169.0	8.0	2161	2390	13.00	17.5	1129.0	
MAXIMUM					3.800	89.500	2805.0	14.0	2802	2390	21.	18.0	1188.0	1.40
AVG OR GEOM MN (*)					0.883	67.378	1875.8	8.4	1867	1965	8.91	14.2	944.5	0.96
MINIMUM					0.000	32.350	795.0	2.8	792	980	3.60	7.2	400.0	0.80
NO OF SAMPLES					9	9	12	12	12	12	11	12	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
21 01 78 1500			.3		0.0	42	8.51	1.200	1232.0	485.00	5.00	30	89.00	13.00
22 02 78 1200			.3		0.0	47	9.04	2.300	1290.0	510.00	3.95		98.00	
26 03 78 1130			.3		0.0	57	9.53	0.740	1213.0	480.00	3.50	20	90.00	15.00
29 04 78 0900			.3		0.0	24	8.65	0.640	433.0	170.00	2.00	5	32.00	5.60
24 05 78 1700			.3		6.3	18	6.54	0.520	717.0	281.00	3.75	24	50.00	9.00
19 06 78 1700			.3		7.1	22	7.15	1.440	1146.0	450.00	5.50	28	80.00	
23 07 78 1500			.3		12.8	14	6.63	0.640	1046.0	410.00	5.50	22	74.00	12.00
24 08 78 1400			.3		7.2	15	6.64	0.620	1194.0	470.00	5.00	20	91.00	12.00
29 09 78 1400			.3		4.0	6		2.100	637.0	250.00	3.05		51.00	9.00
29 10 78 1400			.3		12.2	5	5.44	4.300		355.00		80	72.00	22.00
30 11 78 1830			.3		35.5	10	5.98	4.2		370.		73	71.	
29 12 78 1430			.3			20	7.16	2.600		138.00		37	97.00	
MAXIMUM					35.5	57	9.53	4.300	1290.0	510.00	5.50	80	98.00	22.00
AVG OR GEOM MN (*)					7.7	23	7.39	1.775	989.8	364.08	4.14	34	74.58	12.20
MINIMUM					0.0	5	5.44	0.520	433.0	138.00	2.00	5	32.00	5.60
NO OF SAMPLES					11	12	11	12	9	12	9	10	12	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
21 01 78 1500			.3		42	0.009	1.8	0.02 L	0.04	0.03 L	0.005L	0.01	0.156	0.02 L
22 02 78 1200			.3		25	0.009	1.400	0.020L	0.120	0.030L	0.005L	0.030	0.146	0.020L
26 03 78 1130			.3		32	0.011	1.400	0.040L	0.060	0.030L	0.005L	0.040	0.100	0.020L
29 04 78 0900			.3			0.003	0.860	0.020L	0.040	0.030L	0.005L	0.010	0.138	0.020L
24 05 78 1700			.3			0.003	1.0	0.02 L	0.06	0.03 L	0.005L	0.02	0.510	0.02 L
19 06 78 1700			.3										0.410	
23 07 78 1500			.3			0.006	0.83	0.02 L	0.04	0.03 L	0.005L	0.02	0.435	0.02 L
24 08 78 1400			.3										0.450	
29 09 78 1400			.3			0.005	0.980	0.020L	0.020	0.030L	0.005L	0.020	0.310	0.020
29 10 78 1400			.3			0.004	1.000	0.020L	0.060	0.030L	0.005L	0.010	0.390	0.020
30 11 78 1830			.3			0.007	1.100	0.020L	0.050	0.030L	0.005L	0.030	0.33	0.020L
29 12 78 1430			.3			0.008	0.800	0.020L	0.080	0.030L	0.005L	0.020	0.320	0.020L
MAXIMUM					42	0.011	1.8	0.040	0.120	0.03	0.005	0.040	0.510	0.02
AVG OR GEOM MN (*)					33	0.007	1.117	0.022D	0.057	0.030D	0.005D	0.021	0.308	0.020D
MINIMUM					25	0.003	0.800	0.02	0.020	0.03	0.005	0.01	0.100	0.02
NO OF SAMPLES					3	10	10	10	10	10	10	10	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
21 01 78 1500			.3		0.02 L						
22 02 78 1200			.3		0.020L	4.	140.	140.	100.	70.	66.
26 03 78 1130			.3		0.020L	3.	150.	130.	100.	70.	80.
29 04 78 0900			.3		0.03 L	3.	120.	60.	45.	25.	60.
24 05 78 1700			.3		0.02 L	2.	180.	65.	65.	40.	110.
19 06 78 1700			.3			3.	130.	340.	48.	230.	89.
23 07 78 1500			.3		0.02 L	4.	135.	28.	77.	27.	77.
24 08 78 1400			.3			4.	73.	16.	69.	14.	41.
29 09 78 1400			.3		0.020L						
29 10 78 1400			.3		0.030						
30 11 78 1830			.3		0.020	3.	56.	110.	40.	42.	34.
29 12 78 1430			.3		0.030L						
MAXIMUM					0.03	4.	180.	340.	100.	230.	110.
AVG OR GEOM MN (*)					0.0230	3.	123.	111.	68.	64.	69.
MINIMUM					0.02	2.	56.	16.	40.	14.	34.
NO OF SAMPLES					10	8	8	8	8	8	8

STATION ID: 14-0019-014-02

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD 24 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 14 LAT: LONG: U T M: 17 0374060.0 5151050.0 4 REGION: 05 MILEAGE: 55.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
21 01 78	1630			.3		22012		0.6	0.001		8.100	8.100	0.390	10.600	19.090
22 02 78	1630			.3		22048		0.4	0.001	0.001L	10.100	10.800	0.400	12.200	22.700
26 03 78	1200			.3		22079		0.2	0.009		10.600	11.900	0.180	13.500	24.280
29 04 78	0830			.3		22116			0.005	0.001	2.850	3.500	0.073	4.380	7.303
24 05 78	1730			.3		22161			0.003	0.001L	4.000	4.300	0.195	6.970	11.165
19 06 78	1730			.3		22192			0.002		4.600	4.900	0.650	9.900	15.150
23 07 78	1530			.3		22223			0.007			4.300			
24 08 78	1430			.3		22254			0.006	0.001L	1.500	1.590	0.078	2.980	4.558
29 09 78	1430			.3		22286			0.010						
29 10 78	1430			.3		22317			0.005	0.001L	2.840	3.450	0.440	0.385	3.665
30 11 78	1900			.3		22348	6		0.002	0.001L	4.17	4.30	0.650	10.4	15.220
29 12 78	1430			.3		22379	6		0.009	0.001					
MAXIMUM								0.6	0.010	0.001	10.600	11.900	0.650	13.500	24.280
AVG OR GEOM MN (*)								0.4	0.005	0.001D	5.418	5.714	0.340	7.924	13.681
MINIMUM								0.2	0.001	0.001	1.500	1.590	0.073	0.385	3.665
NO OF SAMPLES								3	12	7	9	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
21 01 78	1630			.3		0.000	19.090	351.0	0.9	350		520	0.60	10.5	170.0
22 02 78	1630			.3		0.700	23.400	405.0	1.2	404		620	0.90	13.0	208.0
26 03 78	1200			.3		1.300	25.580	447.0	1.4	446		640	0.70	15.0	215.0
29 04 78	0830			.3		0.650	7.953	178.0	2.1		176	270	1.00	7.0	83.0
24 05 78	1730			.3		0.300	11.465	330.0	0.9	329		440	0.50	13.0	154.0
19 06 78	1730			.3		0.300	15.450	394.0	1.0	393		520	0.50	14.0	170.0
23 07 78	1530			.3				364.0	0.8	363		470	0.80	14.5	148.0
24 08 78	1430			.3		0.090	4.648	127.0	1.1		126	190	0.60	6.3	53.0
29 09 78	1430			.3				435.0	1.0	434		600		20.5	220.0
29 10 78	1430			.3		0.610	4.275	221.0	0.4		221	340	1.00	9.6	105.0
30 11 78	1900			.3		0.130	15.350	248.	0.8		247	380	1.1	12.5	120.
29 12 78	1430			.3				228.	4.		224	345	1.70	12.5	103.0
MAXIMUM						1.300	25.580	447.0	4.	446	247	640	1.70	20.5	220.0
AVG OR GEOM MN (*)						0.453	14.135	310.7	1.3	388	199	445	0.86	12.4	145.8
MINIMUM						0.000	4.275	127.0	0.4	329	126	190	0.50	6.3	53.0
NO OF SAMPLES						9	9	12	12	7	5	12	11	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
21 01 78	1630			.3		0.70	2.8	10	7.67	0.230	179.0	67.00	2.80	5	12.00
22 02 78	1630			.3		0.75	2.4	22	7.83	0.670	216.0	82.00	2.65	5	18.00
26 03 78	1200			.3		0.60	2.5	19	7.80	0.060	225.0	85.00	3.20	5	18.00
29 04 78	0830			.3			2.4	10	7.14	0.030	91.0	34.00	1.45	10	6.10
24 05 78	1730			.3			1.8	11	8.05	0.040	170.0	65.00	1.75	11	13.00
19 06 78	1730			.3			3.2	10	7.24	0.040	198.0	73.00	1.95	18	14.30
23 07 78	1530			.3		0.75	4.8	11	7.06	0.090	173.0	64.00	3.20	10	15.00
24 08 78	1430			.3			1.9	9	7.04	0.080	67.0	25.00	1.20	8	4.55
29 09 78	1430			.3			2.6	12		0.080	207.0	79.00	2.40		16.00
29 10 78	1430			.3			2.1	9	6.86	0.120	100.0	36.00	2.50	6	7.50
30 11 78	1900			.3			4.8	12	7.16	0.10		43.		10	2.5
29 12 78	1430			.3				11	6.75	0.250	126.0	48.00	1.50	5	9.00
MAXIMUM						0.75	4.8	22	8.05	0.670	225.0	85.00	3.20	18	18.00
AVG OR GEOM MN (*)						0.70	2.8	12	7.33	0.149	159.3	58.42	2.24	8	11.33
MINIMUM						0.60	1.8	9	6.75	0.030	67.0	25.00	1.20	5	2.5
NO OF SAMPLES						4	11	12	11	12	11	12	11	11	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
21 01 78	1630			.3		6.30	33	0.001	0.52	0.02 L	0.04	0.03 L	0.005L	0.01 L	0.072
22 02 78	1630			.3			20	0.003	0.420	0.020L	0.030	0.030L	0.005L	0.010L	0.076
26 03 78	1200			.3		11.00	36	0.003	0.740	0.040L	0.040	0.030L	0.005L	0.020	0.067
29 04 78	0830			.3		4.90		0.001	0.200	0.020L	0.040	0.030L	0.005L	0.020	0.033
24 05 78	1730			.3		9.00		0.002	0.37	0.02 L	0.05	0.03 L	0.005L	0.02	0.043
19 06 78	1730			.3											0.032
23 07 78	1530			.3		10.20		0.002	0.26	0.02 L	0.01	0.03 L	0.005L	0.01 L	0.044
24 08 78	1430			.3		4.10									0.058
29 09 78	1430			.3		13.00		0.002	0.500	0.020L	0.040	0.030L	0.005L	0.010	0.056
29 10 78	1430			.3				0.001	0.360	0.020L	0.050	0.030L	0.005L	0.010L	0.045
30 11 78	1900			.3				0.002	0.220	0.020L	0.005L	0.030L	0.005L	0.010L	0.054
29 12 78	1430			.3		8.50		0.001	0.070	0.020L	0.040	0.030L	0.005L	0.010L	0.057
MAXIMUM						13.00	36	0.003	0.740	0.040	0.05	0.03	0.005	0.020	0.076
AVG OR GEOM MN (*)						8.38	30	0.002	0.366	0.022D	0.035D	0.030D	0.005D	0.013D	0.053
MINIMUM						4.10	20	0.001	0.070	0.02	0.005	0.03	0.005	0.01	0.032
NO OF SAMPLES						8	3	10	10	10	10	10	10	10	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
21 01 78 1630			.3		0.02 L	0.02 L						
22 02 78 1630			.3		0.020L	0.020L	1.	10.	10.	25.	5.	10. L
26 03 78 1200			.3		0.020L	0.020L	4.	35.	15.	25.	5.	15.
29 04 78 0830			.3		0.020L	0.03 L	3.	10.	5.	15.	3.	10. L
24 05 78 1730			.3		0.02 L	0.03 L						
19 06 78 1730			.3				8.	7.	12.	21.	7.	10. L
23 07 78 1530			.3		0.02 L	0.02 L	3.	12.	1.	23.	1. L	10. L
24 08 78 1430			.3				2.	4.	1. L	10.	1.	10. L
29 09 78 1430			.3		0.020L	0.020L						
29 10 78 1430			.3		0.030	0.020L						
30 11 78 1900			.3		0.020L	0.020L	2.	32.	2.	17.	2.	16.
29 12 78 1430			.3		0.020L	0.030L						
MAXIMUM					0.030	0.03	8.	35.	15.	25.	7.	16.
AVG OR GEOM MN (*)					0.021D	0.023D	3.	15.	6. D	19.	3. D	11. D
MINIMUM					0.02	0.02	1.	4.	1.	10.	1.	10.
NO OF SAMPLES					10	10	7	7	7	7	7	7

B.O.W./ SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-017-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 17 LAT: LONG: U T M: 17 0374500.0 5149100.0 4 REGION: 05 MILEAGE: 57.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
22 01 78 1630			.3		22016		0.6	0.007		76.000	76.000	2.300	86.500	164.800
22 02 78 0930			.3		22041		0.2	0.038	0.001L	82.500	104.000	1.720	98.200	182.420
28 03 78 1600			.3		22083		1.6	0.044	0.001L	62.000	62.000	0.725	97.800	160.525
05 05 78 1500			.3		22117			0.006	0.001L	46.500	73.000	0.925	72.500	119.925
27 05 78 1500			.3		22144			0.030		39.000	40.000	3.100	68.900	111.000
19 06 78 1900			.3		22174			0.070		40.200	40.700	8.800	76.200	125.200
23 07 78 1600			.3		22205			0.024			42.800			
24 08 78 1530			.3		22236			0.060		19.600	44.000	11.600	86.400	117.600
28 09 78 1600			.3		22268			0.025						
28 10 78 1530			.3		22299			0.012	0.001	43.000	43.000	5.400	64.600	113.000
29 11 78 1500			.3		22330	6		0.008	0.001L	46.5	51.0	4.40	73.1	124.000
28 12 78 1600			.3		22361	6		0.010	0.001					
MAXIMUM							1.6	0.070	0.001	82.500	104.000	11.600	98.200	182.420
AVG OR GEOM MN (*)							0.8	0.028	0.001D	50.589	57.650	4.330	80.467	135.386
MINIMUM							0.2	0.006	0.001	19.600	40.000	0.725	64.600	111.000
NO OF SAMPLES							3	12	6	9	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
22 01 78 1630			.3		0.000	164.800	2841.0	1.5	2839	3210	1.40	76.0	1481.0	0.50
22 02 78 0930			.3		21.500	203.920	2876.0	1.9	2874	3230	2.00	86.0	1975.0	0.40
28 03 78 1600			.3		0.000	160.525	3020.0	21.0	2999	3230	8.50	98.0	1487.0	0.30
05 05 78 1500			.3		26.500	146.425	2599.0	5.1	2594	2780	4.40	81.0	1325.0	
27 05 78 1500			.3		1.000	112.000	2822.0	5.4	2817	3000	3.70	105.0	1398.0	
19 06 78 1900			.3		0.500	125.700	3108.0	8.5	3100	3200	4.40	110.0	1463.0	
23 07 78 1600			.3				3185.0	7.2	3178	3340	4.60	135.0	1564.0	1.00
24 08 78 1530			.3		24.400	142.000	3433.0	2.0	3431	3260	0.80	130.0	1671.0	
28 09 78 1600			.3				2745.0	4.5	2740	3000		118.0	1336.0	
28 10 78 1530			.3		0.000	113.000	2411.0	3.0	2408	2850	2.60	112.0	1300.0	
29 11 78 1500			.3		4.500	128.500	2647.	0.9	2646	3000	0.9	145.	1375.	
28 12 78 1600			.3				2268.0	6.0	2262	2800	4.40	125.0	1225.0	
MAXIMUM					26.500	203.920	3433.0	21.0	3431	3340	8.50	145.	1975.0	1.00
AVG OR GEOM MN (*)					8.711	144.097	2829.6	5.6	2824	3075	3.43	110.1	1466.7	0.55
MINIMUM					0.000	112.000	2268.0	0.9	2262	2780	0.80	76.0	1225.0	0.30
NO OF SAMPLES					9	9	12	12	12	12	11	12	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
22 01 78 1630			.3		0.0	68	8.54	0.650	1524.0	580.00	18.50	5	115.00	50.00
22 02 78 0930			.3		0.0	101	9.36	1.800	1583.0	610.00	14.50	5	128.00	
28 03 78 1600			.3		0.0	74	9.02	0.480	1539.0	590.00	16.00	15	136.00	71.00
05 05 78 1500			.3		0.0	62	8.86	0.060	1298.0	500.00	12.00	5	99.00	54.00
27 05 78 1500			.3		0.0	46	8.70	0.040	1692.0	661.00	10.00	15	104.00	60.00
19 06 78 1900			.3		5.7	45	8.09	0.050	1722.0	660.00	18.00	13	133.00	
23 07 78 1600			.3		6.1	40	8.10	0.130	1575.0	610.00	12.50	6	138.00	85.00
24 08 78 1530			.3		17.0	29	7.53	0.090	1504.0	580.00	13.50	9	143.00	65.00
28 09 78 1600			.3		8.7	33		0.080	1300.0	500.00	12.50		105.00	63.00
28 10 78 1530			.3		6.9	35	7.83	0.060	1131.0	435.00	11.00	15	90.00	
29 11 78 1500			.3		0.	53	8.46	0.21				7	500.	99.
28 12 78 1600			.3			60	8.62	0.390		460.00		9	92.00	
MAXIMUM					17.0	101	9.36	1.800	1722.0	661.00	18.50	15	500.	99.
AVG OR GEOM MN (*)					4.0	54	8.47	0.337	1486.8	562.36	13.85	9	148.58	68.38
MINIMUM					0.0	29	7.53	0.040	1131.0	435.00	10.00	5	90.00	50.00
NO OF SAMPLES					11	12	11	12	10	11	10	11	12	8

(CONTD)

STATION ID: 14-0019-017-09

B.O.W./ SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 17 LAT: LONG: U T M: 17 0374500.0 5149100.0 4 REGION: 05 MILEAGE: 57.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
22 01 78 1630			.3		26	0.010	1.800	0.020L	0.050	0.030L	0.005L	0.010	0.450	0.020L
22 02 78 0930			.3		35	0.016	0.020L	0.020L	0.050	0.030L	0.005L	0.010L	0.220	0.020L
28 03 78 1600			.3		30	0.018	0.980	0.040L	0.050	0.030L	0.005L	0.010L	0.240	0.020L
05 05 78 1500			.3			0.009	0.820	0.020L	0.030	0.030L	0.005L	0.010	0.124	0.020L
27 05 78 1500			.3			0.17 L	1.1	0.02 L	0.0	0.03 L	0.005L	0.02	0.092	0.02 L
19 06 78 1900			.3										0.088	
23 07 78 1600			.3			0.022	0.99	0.02 L	0.08	0.03 L	0.005L	0.01 L	0.099	0.02 L
24 08 78 1530			.3										0.172	
28 09 78 1600			.3			0.014	0.580	0.020L	0.040	0.030L	0.005L	0.010	0.290	0.020
28 10 78 1530			.3			0.001	0.48	0.02 L	0.08	0.03 L	0.005L	0.02	0.260	0.02 L
29 11 78 1500			.3			0.014	0.950	0.020L	0.100	0.030L	0.005L	0.010	0.036	0.020L
28 12 78 1600			.3			0.010	1.000	0.020L	0.080	0.030L	0.005L	0.010L	0.190	0.020L
MAXIMUM					35	0.17	1.800	0.040	0.100	0.030	0.005	0.02	0.450	0.020
AVG OR GEOM MN (*)					30	0.028D	0.872D	0.022D	0.056	0.030D	0.005D	0.012D	0.188	0.020D
MINIMUM					26	0.001	0.020	0.020	0.0	0.030	0.005	0.010	0.036	0.020
NO OF SAMPLES					3	10	10	10	10	10	10	10	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
22 01 78 1630			.3		0.020L						
22 02 78 0930			.3		0.020L	1. L	160.	20.	140.	15.	84.
28 03 78 1600			.3		0.020L	4.	190.	370.	200.	150.	95.
05 05 78 1500			.3		0.030L						
27 05 78 1500			.3		0.02 L	2.	65.	290.	70.	130.	45.
19 06 78 1900			.3			2.					
23 07 78 1600			.3		0.02 L	2.	160.	380.	110.	205.	99.
24 08 78 1530			.3			1.	180.	7.	120.	26.	110.
28 09 78 1600			.3		0.020L	1. L	220.	140.	130.	120.	120.
28 10 78 1530			.3		0.02 L						
29 11 78 1500			.3		0.020L	1.	360.	11.	130.	37.	210.
28 12 78 1600			.3		0.030L						
MAXIMUM					0.030	4.	360.	380.	200.	205.	210.
AVG OR GEOM MN (*)					0.022D	2. D	190.	174.	128.	97.	109.
MINIMUM					0.020	1.	65.	7.	70.	15.	45.
NO OF SAMPLES					10	8	7	7	7	7	7

STATION ID: 14-0019-018-09

B.O.W./ SITE: LONG LAKE OUTLET
SAMPLE POINT: LONG LAKE OUTLET AT BARIUM TREATMENT 20 1
STATION TYPE: INDUSTRIAL PROCESS

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 18 LAT: LONG: U T M: 17 0374450.0 5148700.0 4 REGION: 05 MILEAGE: 57.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
22 01 78 1600			.3		22015		0.6	0.015		124.000		0.883	117.000	241.883
22 02 78 1000			.3		22042		1.0	0.036	0.001L	87.600	121.000	1.500	108.700	197.800
28 03 78 1530			.3		22082		0.8	0.026	0.001	72.000	73.000	0.950	99.100	172.050
05 05 78 1530			.3		22118			0.011	0.001L	63.500	89.000	1.280	101.000	165.780
27 05 78 1530			.3		22145			0.045		53.800	53.800	10.600	108.000	172.600
19 06 78 1930			.3		22175			0.035		62.800	63.000	14.200	104.000	181.000
23 07 78 1630			.3		22206			0.055			43.000			
24 08 78 1600			.3		22237			0.030		70.400	90.000	10.000	74.000	154.400
28 09 78 1530			.3		22269			0.017						
28 10 78 1600			.3		22300			0.036		46.500	49.800	4.050	78.400	128.950
29 11 78 1530			.3		22331	6		0.008	0.001L	61.0	66.0	2.55	84.9	148.450
28 12 78 1530			.3		22362	6		0.006	0.001					
MAXIMUM							1.0	0.055	0.001	124.000	121.000	14.200	117.000	241.883
AVG OR GEOM MN (*)							0.8	0.027	0.001D	71.289	72.067	5.135	97.233	173.657
MINIMUM							0.6	0.006	0.001	46.500	43.000	0.883	74.000	128.950
NO OF SAMPLES							3	12	5	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
22 01 78 1600			.3				3240.0	3.4	3237	3650	2.60	120.0	1636.0	0.10
22 02 78 1000			.3		33.400	231.200	2960.0	13.0	2947	3360	5.70	103.0	1950.0	0.25
28 03 78 1530			.3		1.000	173.050	2919.0	6.3	2913	3310	6.80	108.0	1487.0	0.40
05 05 78 1530			.3		25.500	191.280	3344.0	37.0	3307	3500	58.00	142.0	1566.0	
27 05 78 1530			.3		0.000	172.600	3380.0	12.0	3368	3500	5.60	143.0	1590.0	
19 06 78 1930			.3		0.200	181.200	3559.0	14.0	3545	3600	15.00	128.0	1585.0	
23 07 78 1630			.3				3310.0	18.0	3292	3300	9.50	130.0	1590.0	1.00
24 08 78 1600			.3		19.600	174.000	3138.0	4.3	3134	3200	6.10	120.0	1616.0	
28 09 78 1530			.3				2599.0	5.6	2593	2700		103.0	1244.0	
28 10 78 1600			.3		3.300	132.250	2607.0	5.0	2602	3000	2.50	152.0	1350.0	
29 11 78 1530			.3		5.000	153.450	2616.	2.4		2950	2.5	237.	1375.	
28 12 78 1530			.3				2031.0	11.0	2020	2570	23.00	87.0	1200.0	
MAXIMUM					33.400	231.200	3559.0	37.0	3545	3650	58.00	237.	1950.0	1.00
AVG OR GEOM MN (*)					11.000	176.129	2975.3	11.0	2996	3220	12.48	131.1	1515.8	0.44
MINIMUM					0.000	132.250	2031.0	2.4	2020	2570	2.50	87.0	1200.0	0.10
NO OF SAMPLES					8	8	12	12	11	12	11	12	12	4

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
22 01 78 1600			.3		0.0	123	9.20	0.250	1602.0	620.00	13.00	10	185.00	80.00
22 02 78 1000			.3		0.0	140	9.45	0.780	1489.0	580.00	10.00	15	143.00	
28 03 78 1530			.3		0.0	57	8.72	0.130	1497.0	570.00	18.00	15	124.00	73.00
05 05 78 1530			.3		0.0	60	8.52	11.500	1448.0	560.00	12.00	70G	15.00	95.00
27 05 78 1530			.3		0.0	91	9.24	0.360	1322.0	512.00	10.50	10	168.00	88.00
19 06 78 1930			.3		0.0	62	8.47	1.520	1830.0	700.00	20.00	41	170.00	
23 07 78 1630			.3		1.8	38	8.26	0.520	1573.0	610.00	12.00	21	115.00	85.00
24 08 78 1600			.3		32.0	6	5.54	0.920	1356.0	520.00	14.00	24	104.00	58.00
28 09 78 1530			.3		0.0	42		0.470	1179.0	460.00	7.50		88.00	60.00
28 10 78 1600			.3		0.0	71	9.20	0.200		460.00		13	102.00	
29 11 78 1530			.3		0.	145	9.42	0.17		470.		9	101.	80.
28 12 78 1530			.3			45	8.11	6.000	1082.0	420.00	8.00	60	77.00	
MAXIMUM					32.0	145	9.45	11.500	1830.0	700.00	20.00	70	185.00	95.00
AVG OR GEOM MN (*)					3.1	73	8.56	1.902	1437.8	540.17	12.50	26U	116.00	77.38
MINIMUM					0.0	6	5.54	0.130	1082.0	420.00	7.50	9	15.00	58.00
NO OF SAMPLES					11	12	11	12	10	12	10	11	12	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
22 01 78 1600			.3		33	0.016	3.800	0.020L	0.070	0.030L	0.005L	0.010L	0.136	0.020
22 02 78 1000			.3		31	0.030	0.020L	0.020L	0.060	0.030L	0.005L	0.010L	0.045	0.020L
28 03 78 1530			.3		26	0.020	1.600	0.040L	0.070	0.030L	0.005L	0.050	0.340	0.020L
05 05 78 1530			.3			0.130	2.600	0.020	0.100	0.030L	0.005L	0.060	0.540	0.060
27 05 78 1530			.3			0.024	2.4	0.02 L	0.06	0.03 L	0.005L	0.01	0.060	0.02 L
19 06 78 1930			.3										0.224	
23 07 78 1630			.3			0.007	1.2	0.02 L	0.09	0.03 L	0.005	0.01	0.173	0.02 L
24 08 78 1600			.3										0.600	
28 09 78 1530			.3			0.015	1.400	0.020L	0.040	0.030L	0.005L	0.020	0.182	0.020
28 10 78 1600			.3			0.012	1.0	0.02 L	0.06	0.03 L	0.005L	0.01 L	0.065	0.02 L
29 11 78 1530			.3			0.018	1.200	0.020L	0.120	0.030L	0.005L	0.010L	0.060	0.020L
28 12 78 1530			.3			0.006	1.300	0.020L	0.060	0.030L	0.005L	0.050	0.480	0.020
MAXIMUM					33	0.130	3.800	0.040	0.120	0.030	0.005	0.060	0.600	0.060
AVG OR GEOM MN (*)					30	0.028	1.652D	0.022D	0.073	0.030D	0.005D	0.024D	0.242	0.024D
MINIMUM					26	0.006	0.020	0.020	0.040	0.030	0.005	0.010	0.045	0.020
NO OF SAMPLES					3	10	10	10	10	10	10	10	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
22 01 78 1600			.3		0.020L						
22 02 78 1000			.3		0.020L	173.	540.	35.	590.	25.	43.
28 03 78 1530			.3		0.020L	790.	1300.	200.	1300.	100.	50.
05 05 78 1530			.3		0.030L						
27 05 78 1530			.3		0.02 L	200.	800.	1200.	570.	590.	255.
19 06 78 1930			.3			540.	590.	97.	670.	74.	73.
23 07 78 1630			.3		0.02 L	500.	620.	245.	630.	136.	83.
24 08 78 1600			.3			310.	1650.	330.	470.	250.	770.
28 09 78 1530			.3		0.020L	370.	750.	160.	590.	98.	140.
28 10 78 1600			.3		0.02 L						
29 11 78 1530			.3		0.020L	440.	760.	57.	700.	39.	99.
28 12 78 1530			.3		0.070						
MAXIMUM					0.070	790.	1650.	1200.	1300.	590.	770.
AVG OR GEOM MN (*)					0.026D	415.	876.	290.	690.	164.	189.
MINIMUM					0.020	173.	540.	35.	470.	25.	43.
NO OF SAMPLES					10	8	8	8	8	8	8

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 18 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD002

STATION ID: 14-0019-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 19 LAT: LONG: U T M: 17 0373450.0 5148600.0 4 REGION: 05 MILEAGE: 58.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
22 01 78 1730			.3		22017		37.20	0.4	0.007		1.200	1.200	0.040	1.700
22 02 78 0900			.3		22060		23.90							
28 03 78 1630			.3		22084		30.90	0.2	0.006	0.001L	0.032	0.240	0.002	0.080
05 05 78 1600			.3		22119		107.00		0.006	0.001L	0.020	0.190	0.001	0.090
27 05 78 1600			.3		22146		50.20		0.018	0.007	0.018	0.230	0.003	0.092
19 06 78 2000			.3		22176		57.10		0.011	0.001L	0.038	0.310	0.003	0.075
23 07 78 1700			.3		22207		42.10		0.005			0.300		
24 08 78 1630			.3		22238		28.10		0.012	0.001L	0.026	0.260	0.004	0.005L
28 09 78 1500			.3		22270.		33.70		0.003					
28 10 78 1630			.3		22301		73.50		0.005	0.001	0.020	0.220	0.001	0.059
29 11 78 1600			.3		22332	6	48.30		0.003	0.002	0.032	0.21	0.001	0.104
28 12 78 1500			.3		22363	6	46.80		0.016	0.001				
MAXIMUM							107.00	0.4	0.018	0.007	1.200	1.200	0.040	1.700
AVG OR GEOM MN (*)							48.23	0.3	0.008	0.002D	0.173	0.351	0.007	0.276D
MINIMUM							23.90	0.2	0.003	0.001	0.018	0.190	0.001	0.005
NO OF SAMPLES							12	2	11	8	8	9	8	8

(C O N T D)

STATION ID: 14-0019-019-02

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 18 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 19 LAT: LONG: U T M: 17 0373450.0 5148600.0 4 REGION: 05 MILEAGE: 58.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
22 01 78 1730			.3		2.940	0.000	2.940	24.0	0.5	24	37	0.65	0.6	7.5
28 03 78 1630			.3		0.114	0.208	0.322	26.0	0.4	26	40	1.00	0.6	9.0
05 05 78 1600			.3		0.111	0.170	0.281	30.0	1.5	28	43	0.55	0.8	7.5
27 05 78 1600			.3		0.113	0.212	0.325	25.0	0.7	24	37	0.20	0.8	8.0
19 06 78 2000			.3		0.116	0.272	0.388	27.0	5.1	22	35	1.40	0.8	7.0
23 07 78 1700			.3					34.0	0.9	33	51	0.60	0.7	7.0
24 08 78 1630			.3		0.035	0.234	0.269	28.0	1.6	26	40	11.00	0.7	9.5
28 09 78 1500			.3					31.0	5.5	25	38		0.6	8.0
28 10 78 1630			.3		0.080	0.200	0.280	24.0	0.7	23	35	0.90	0.6	8.5
29 11 78 1600			.3		0.137	0.178	0.315	23.	0.1	23	35	0.7	0.6	8.5
28 12 78 1500			.3					26.0	2.0	24	38	0.60	0.8	9.5
MAXIMUM					2.940	0.272	2.940	34.0	5.5	33	51	11.00	0.8	9.5
AVG OR GEOM MN (*)					0.456	0.184	0.640	27.1	1.7	25	39	1.76	0.7	8.2
MINIMUM					0.035	0.000	0.269	23.	0.1	22	35	0.20	0.6	7.0
NO OF SAMPLES					8	8	8	11	11	11	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
22 01 78 1730			.3		0.50	2.9	11	7.75	0.040	12.0	4.00	0.60	5	0.40
28 03 78 1630			.3		0.50	1.9	9	7.25	0.030	13.0	4.20	0.65	5	0.50
05 05 78 1600			.3			1.4	10	6.80	0.040	14.0	4.40	0.65	5	0.25
27 05 78 1600			.3			1.2	7	7.94	0.030	12.0	4.00	0.60	8	3.00
19 06 78 2000			.3			1.1	7	7.33	0.120	12.0	3.60	0.65	6	0.35
23 07 78 1700			.3		0.50	1.2	7	7.19	0.020	13.0	4.40	0.60	7	0.35
24 08 78 1630			.3			2.2	9	7.46	0.040	17.0	6.00	0.45	6	0.35
28 09 78 1500			.3			1.1	9		0.050	12.0	4.00	0.55		0.30
28 10 78 1630			.3			1.3	7	6.95	0.040	10.0	3.20	0.60	11	0.30
29 11 78 1600			.3			1.9	10	6.68	0.21	12.	3.6	0.65	7	0.30
28 12 78 1500			.3				7	6.79	0.150	12.0	3.80	0.55	4	0.30
MAXIMUM					0.50	2.9	11	7.94	0.21	17.0	6.00	0.65	11	3.00
AVG OR GEOM MN (*)					0.50	1.6	8	7.21	0.070	12.6	4.11	0.60	6	0.58
MINIMUM					0.50	1.1	7	6.68	0.020	10.0	3.20	0.45	4	0.25
NO OF SAMPLES					3	10	11	10	11	11	11	11	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM . MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
22 01 78 1730			.3		0.90	31	0.001L	0.380	0.040	0.060	0.030L	0.005L	0.010	0.032
22 02 78 0900			.3				0.022	0.060	0.060	0.580	0.030L	0.006	1.900	
28 03 78 1630			.3		0.90	22	0.011	45.000	0.060	0.040	0.030L	0.005L	1.300	0.016
05 05 78 1600			.3		1.90		0.001L	0.050L	0.020L	0.020	0.030L	0.005L	0.020	0.011
27 05 78 1600			.3		1.00		0.001L	0.34	0.02 L	0.04	0.03 L	0.005L	0.11	0.028
19 06 78 2000			.3		1.10									0.018
23 07 78 1700			.3		0.90		0.001	0.12	0.02 L	0.08	0.03 L	0.005L	0.01 L	0.012
24 08 78 1630			.3		0.90									0.008
28 09 78 1500			.3		1.50		0.001	0.340	0.020L	0.030	0.030L	0.005L	0.010L	0.012
28 10 78 1630			.3		0.70		0.001	0.26	0.02 L	0.03	0.03 L	0.005L	0.01	0.024
29 11 78 1600			.3		1.5		0.001	0.460	0.020L	0.080	0.030L	0.005L	0.020	0.036
28 12 78 1500			.3		1.10		0.001L	0.210	0.020L	0.020	0.030L	0.005L	0.020	0.046
MAXIMUM					1.90	31	0.022	45.000	0.060	0.580	0.030	0.006	1.900	0.046
AVG OR GEOM MN (*)					1.13	27	0.004D	4.722D	0.0300	0.098	0.030D	0.005D	0.341D	0.022
MINIMUM					0.70	22	0.001	0.050	0.020	0.020	0.030	0.005	0.010	0.008
NO OF SAMPLES					11	2	10	10	10	10	10	10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
22 01 78 1730			.3		0.020L	0.020L						
22 02 78 0900			.3		0.420	0.640	1. L	2.	1. L	3.	1. L	10. L
28 03 78 1630			.3		0.360	0.580						
05 05 78 1600			.3		0.020L	0.030L						
27 05 78 1600			.3		0.02 L	0.02 L	1. L	5.	1.	5.	1.	10. L
19 06 78 2000			.3				1. L	1. L	1. L	4.	1. L	10. L
23 07 78 1700			.3		0.02 L	0.02 L	1. L	1. L	1. L	2.	1. L	10. L
24 08 78 1630			.3				1. L	2.	1. L	4.	1. L	10. L
28 09 78 1500			.3		0.020L	0.020L	1. L	3.	1. L	4.	1. L	10. L
28 10 78 1630			.3		0.02 L	0.02 L						
29 11 78 1600			.3		0.020L	0.020L	1.	1. L	1. L	2.	1. L	10. L
28 12 78 1500			.3		0.020L	0.030L						
MAXIMUM					0.420	0.640	1.	5.	1.	5.	1.	10.
AVG OR GEOM MN (*)					0.094D	0.140D	1. D	2. D	1. D	3.	1. D	10. D
MINIMUM					0.020	0.020	1.	1.	1.	2.	1.	10.
NO OF SAMPLES					10	10	7	7	7	7	7	7

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 25 OCT 79 PAGE 381

B.O.W./ SITE: CREEK
SAMPLE POINT: NEW DAM OVERFLOW STANROCK 32 3
STATION TYPE: RIVER

STATION ID: 14-0019-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 20   LAT: LONG: U T M: 17 0383550.0 5146325.0 4   REGION: 05   MILEAGE: 53.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
27 01 78 1530			.3		22031		0.8	0.026		0.076	1.520	0.012	0.008	0.096
23 02 78 1200			.3		22052		0.2	0.050	0.001L	1.93	2.300	0.350	0.700	2.980
29 03 78 1500			.3		22097		0.5	0.040	0.034	3.700	4.100	0.275	0.225	4.200
23 05 78 1630			.3		22148			0.006		1.320	1.330	0.075	0.300	1.695
19 06 78 2100			.3		22178					1.670	2.150	0.170		
23 07 78 1745			.3		22209			0.045			2.900			
24 08 78 1745			.3		22240			0.025	0.001	2.000	2.750	0.004	0.285	2.289
28 09 78 1430			.3		22272			0.005						
28 10 78 1745			.3		22303				0.040	2.500	2.750	0.042	0.428	2.970
29 11 78 1645			.3		22334	6			0.001L	3.58	3.60	0.016	0.329	3.925
MAXIMUM							0.8	0.050	0.040	3.700	4.100	0.350	0.700	4.200
AVG OR GEOM MN (*)							0.5	0.028	0.015D	2.097	2.600	0.118	0.325	2.594
MINIMUM							0.2	0.005	0.001	0.076	1.330	0.004	0.008	0.096
NO OF SAMPLES							3	7	5	8	9	8	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
27 01 78 1530			.3		1.444	1.540	2512.0	13.0	2499	2680	6.80	30.0	1507.0	12.80
23 02 78 1200			.3		0.370	3.350	2734.0	37.	2697	2690	43.	27.0		13.00
29 03 78 1500			.3		0.400	4.600	2820.0	10.0	2810	2780	8.60	78.0	1487.0	10.70
23 05 78 1630			.3		0.010	1.705	1520.0	6.0	1514	1900	5.60	21.5	964.0	
19 06 78 2100			.3		0.480		1896.0	18.0	1868	2250	9.40	33.5	1188.0	
23 07 78 1745			.3				2019.0	14.0	2005	2090	22.00	44.5	1157.0	4.45
24 08 78 1745			.3		0.750	3.039	2296.0	46.0	2250	2180	16.00	50.0	1350.0	
28 09 78 1430			.3				2338.0	4.6	2333	2150		48.0	1336.0	
28 10 78 1745			.3		0.250	3.220	2031.0	4.0	2029	2100	2.20	37.5	1470.0	
29 11 78 1645			.3		0.020	3.945	2093.	0.3	2093	2100	1.5	41.	1425.	
MAXIMUM					1.444	4.600	2820.0	46.0	2810	2780	43.	78.0	1507.0	13.00
AVG OR GEOM MN (*)					0.466	3.057	2225.9	15.3	2210	2292	12.79	41.1	1320.4	10.24
MINIMUM					0.010	1.540	1520.0	0.3	1514	1900	1.5	21.5	964.0	4.45
NO OF SAMPLES					8	7	10	10	10	10	9	10	9	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
27 01 78 1530			.3		1110.0	1L	2.58	290.000	646.0	225.00	20.50	70G	2.45	7.70
23 02 78 1200			.3		1240.	0	2.65	340.	667.	230.	22.5	10	2.35	7.3
29 03 78 1500			.3		952.0	0	2.85	235.000	1031.0	380.00	20.00	70G	5.10	13.00
23 05 78 1630			.3		425.0	0	2.96	146.000	618.0	231.00	10.00	43	1.90	10.00
19 06 78 2100			.3		430.0	0	2.86	520.000	848.0	320.00	12.00	62	2.65	16.00
23 07 78 1745			.3		160.0	0	3.40	11.000	1148.0	445.00	9.00	22	3.90	17.00
24 08 78 1745			.3		0.0	77	11.78	16.000	1227.0	490.00	1.80	28	5.35	16.00
28 09 78 1430			.3		14.9	0		0.660	1250.0	490.00	6.50		5.40	21.00
28 10 78 1745			.3		8.5	1L	5.26	83.000		470.00		4	4.70	16.00
29 11 78 1645			.3		0.4	18	8.81	0.13		510.		6	4.55	11.
MAXIMUM					1240.	77	11.78	520.000	1250.0	510.	22.5	70	5.40	21.00
AVG OR GEOM MN (*)					434.1	10D	4.79	164.179	929.4	379.10	12.79	35U	3.84	13.50
MINIMUM					0.0	0	2.58	0.13	618.0	225.00	1.80	4	1.90	7.3
NO OF SAMPLES					10	10	9	10	8	10	8	9	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
27 01 78 1530			.3		32	0.018	6.000	0.020	0.550	0.030L	0.005L	1.800	3.500	0.390
23 02 78 1200			.3		12	0.001L	2.000	0.020L	0.050	0.030L	0.005L	0.110	4.2	0.050
29 03 78 1500			.3		32	0.002	0.150	0.040L	0.050	0.030L	0.005L	0.010L	3.600	0.020L
23 05 78 1630			.3			0.002	24.	0.02 L	0.28	0.03 L	0.005L	0.64	2.700	0.17
19 06 78 2100			.3										2.280	
23 07 78 1745			.3			0.001	17.	0.02 L	0.20	0.03 L	0.005L	0.55	1.620	0.12
24 08 78 1745			.3										0.350	
28 09 78 1430			.3			0.001	2.100	0.020L	0.060	0.030L	0.005L	0.150	0.660	0.040
28 10 78 1745			.3			0.007	2.0	0.02 L	0.06	0.03 L	0.005L	0.24	0.880	0.06
29 11 78 1645			.3			0.001	0.680	0.020L	0.040	0.030L	0.005L	0.020	0.095	0.020L
MAXIMUM					32	0.018	24.	0.040	0.550	0.030	0.005	1.800	4.2	0.390
AVG OR GEOM MN (*)					25	0.0040	6.741	0.023D	0.161	0.030D	0.005D	0.4400	1.989	0.109D
MINIMUM					12	0.001	0.150	0.020	0.040	0.030	0.005	0.010	0.095	0.020
NO OF SAMPLES					3	8	8	8	8	8	8	8	10	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
27 01 78 1530			.3		0.600						
23 02 78 1200			.3		0.040	1.	2700.	2.	2000.	1.	575.
29 03 78 1500			.3		0.020L	3.	2300.	4.	730.	2.	580.
23 05 78 1630			.3		0.28	1.	660.	2.	220.	2.	330.
19 06 78 2100			.3			1. L	500.	2.	260.	2.	320.
23 07 78 1745			.3		0.02 L	1.	245.	24.	66.	8.	170.
24 08 78 1745			.3			3.	9.	25.	9.	12.	10. L
28 09 78 1430			.3		0.090	1. L	67.	13.	11.	11.	34.
28 10 78 1745			.3		0.08						
29 11 78 1645			.3		0.020L	1.	4.	1. L	12.	2.	10. L
MAXIMUM					0.600	3.	2700.	25.	2000.	12.	580.
AVG OR GEOM MN (*)					0.1440	2. D	810.	9. D	413.	5.	253. D
MINIMUM					0.020	1.	4.	1.	9.	1.	10.
NO OF SAMPLES					8	8	8	8	8	8	8

STATION ID: 14-0019-022-01

B.O.W./ SITE: BUD LAKE CONTROL
SAMPLE POINT: WEST END OF BUD LAKE TAILINGS 22 4
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 22 LAT: LONG: U T M: 17 0370375.0 5150900.0 4 REGION: 05 MILEAGE: 57.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
21 01 78	1300			.3		22007		0.4		0.002	0.116	0.240	0.008	0.072	0.196
20 02 78	1500			.3		22043		0.2	0.007	0.001L	0.182	0.510	0.007	0.318	0.507
26 03 78	0900			.3		22108		0.2	0.002		0.136	0.360	0.002	0.130	0.268
29 04 78	1100			.3		22120			0.007	0.001	0.130	0.290	0.028	0.170	0.328
24 05 78	1500			.3		22156			0.010	0.002	0.096	0.550	0.008	0.130	0.234
19 06 78	1500			.3		22187			0.005		0.098	0.360	0.006	0.110	0.214
23 07 78	1300			.3		22218			0.003			0.320			
24 08 78	1200			.3		22249			0.012	0.001	0.344	0.640	0.016	0.075	0.435
29 09 78	1200			.3		22281			0.012						
29 10 78	1200			.3		22312			0.015		0.064	0.530	0.012	0.088	0.164
30 11 78	1630			.3		22343	6		0.013	0.003	0.110	0.40	0.014	0.266	0.390
29 12 78	1200			.3		22374	6		0.006	0.001					
MAXIMUM								0.4	0.015	0.003	0.344	0.640	0.028	0.318	0.507
AVG OR GEOM MN (*)								0.3	0.008	0.002D	0.142	0.420	0.011	0.151	0.304
MINIMUM								0.2	0.002	0.001	0.064	0.240	0.002	0.072	0.164
NO OF SAMPLES								3	11	7	9	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
21 01 78	1300			.3		0.124	0.320	28.0	0.7	27	41	1.20	0.9	10.0	2.75
20 02 78	1500			.3		0.328	0.835	31.0	1.5	29	45	0.90	1.1	11.0	2.70
26 03 78	0900			.3		0.224	0.492	31.	1.9	29	45	0.7	1.0	9.0	2.75
29 04 78	1100			.3		0.160	0.488	30.0	3.2	27	42	1.00	1.2	8.0	
24 05 78	1500			.3		0.454	0.688	30.0	1.4	29	45	0.90	1.0	8.5	
19 06 78	1500			.3		0.262	0.476	32.0	3.2	29	44	0.80	0.9	11.0	
23 07 78	1300			.3				28.0	1.6	26	40	1.10	1.0	7.0	1.60
24 08 78	1200			.3		0.296	0.731	34.0	7.3	27	41	0.90	1.1	8.2	
29 09 78	1200			.3				31.0	4.4	27	42		1.1	7.5	
29 10 78	1200			.3		0.466	0.630	31.0	4.0	26	40	1.50	1.3	8.0	
30 11 78	1630			.3		0.290	0.680	29.	1.	28	43	1.1	1.1	9.5	
29 12 78	1200			.3				30.0	2.0	28	44	1.80	1.3	9.0	
MAXIMUM						0.466	0.835	34.0	7.3	29	45	1.80	1.3	11.0	2.75
AVG OR GEOM MN (*)						0.289	0.593	30.4	2.7	28	43	1.08	1.1	8.9	2.45
MINIMUM						0.124	0.320	28.0	0.7	26	40	0.7	0.9	7.0	1.60
NO OF SAMPLES						9	9	12	12	12	12	11	12	12	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
21 01 78	1300			.3		4.6	10	6.81	0.650	11.0	4.40	0.70	40	0.35	1.20
20 02 78	1500			.3		4.9	8	6.32	2.500	15.0	4.80	0.75	40	0.45	1.20
26 03 78	0900			.3		5.9	9	6.51	0.54	15.	4.6	0.75	45	0.55	1.3
29 04 78	1100			.3		2.9	6	6.36	0.340	12.0	4.00	0.55	35	0.35	1.60
24 05 78	1500			.3		3.1	6	7.53	0.140	14.0	4.50	0.60	31	0.35	1.10
19 06 78	1500			.3		3.3	7	6.49	0.130	15.0	4.80	0.65	23	0.40	1.20
23 07 78	1300			.3		1.8	8	7.14	0.220	15.0	4.20	1.05	16	0.45	1.10
24 08 78	1200			.3		4.3	9	6.96	0.230	22.0	3.00	3.60	16	0.55	1.30
29 09 78	1200			.3		1.8	11		0.400	15.0	5.00	0.65		0.40	1.60
29 10 78	1200			.3		3.2	8	6.42	0.380	13.0	4.20	0.60	54	0.40	1.10
30 11 78	1630			.3		3.1	10	6.58	0.76	14.	4.0	1.0	58	0.35	1.5
29 12 78	1200			.3			8	6.74	0.760	14.0	4.60	0.65	50	0.45	1.40
MAXIMUM						5.9	11	7.53	2.500	22.0	5.00	3.60	58	0.55	1.60
AVG OR GEOM MN (*)						3.5	8	6.72	0.588	14.6	4.34	0.96	37	0.42	1.30
MINIMUM						1.8	6	6.32	0.130	11.0	3.00	0.55	16	0.35	1.10
NO OF SAMPLES						11	12	11	12	12	12	12	11	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
21 01 78	1300			.3		50	0.001L	0.29	0.02 L	0.02	0.03 L	0.005L	0.02	0.120	0.02 L
20 02 78	1500			.3		20	0.001L	0.250	0.020L	0.040	0.030L	0.005L	0.030	0.162	0.020L
26 03 78	0900			.3		30	0.001L	0.34	0.04 L	0.08	0.03 L	0.005L	0.06	0.083	0.02 L
29 04 78	1100			.3			0.001L	0.380	0.020L	0.020	0.030L	0.005L	0.030	0.081	0.020L
24 05 78	1500			.3			0.001L	0.36	0.02 L	0.04	0.03 L	0.005L	0.02	0.046	0.02 L
19 06 78	1500			.3										0.034	
23 07 78	1300			.3			0.001	0.11	0.02 L	0.03	0.03 L	0.005L	0.01 L	0.030	0.02 L
24 08 78	1200			.3										0.049	
29 09 78	1200			.3			0.003	0.120	0.020L	0.020	0.030L	0.005L	0.010L	0.052	0.020L
29 10 78	1200			.3			0.001L	0.400	0.020L	0.070	0.030L	0.005L	0.010L	0.108	0.020L
30 11 78	1630			.3			0.001L	0.390	0.020L	0.060	0.030L	0.005L	0.020	0.176	0.020L
29 12 78	1200			.3										0.091	
MAXIMUM						50	0.003	0.400	0.04	0.08	0.03	0.005	0.06	0.176	0.02
AVG OR GEOM MN (*)						33	0.001D	0.293	0.022D	0.042	0.030D	0.005D	0.023D	0.086	0.020D
MINIMUM						20	0.001	0.11	0.02	0.02	0.03	0.005	0.01	0.030	0.02
NO OF SAMPLES						3	9	9	9	9	9	9	9	12	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
21 01 78 1300			.3		0.02 L						
20 02 78 1500			.3		0.020L	1. L	1.	1. L	3.	1. L	10. L
26 03 78 0900			.3		0.02 L						
29 04 78 1100			.3		0.03 L	1. L	2.	1. L	4.	1.	10. L
24 05 78 1500			.3		0.02 L	1. L	1. L	1. L	1.	1. L	10. L
19 06 78 1500			.3			1. L	1. L	1. L	3.	1. L	10. L
23 07 78 1300			.3		0.02 L	1.	1.	1. L	2.	1.	10. L
24 08 78 1200			.3			1. L	2.	1. L	4.	1. L	10. L
29 09 78 1200			.3		0.020L						
29 10 78 1200			.3		0.020L						
30 11 78 1630			.3		0.020L	1. L	1. L	1. L	2.	1. L	10. L
MAXIMUM					0.03	1.	2.	1.	4.	1.	10.
AVG OR GEOM MN (*)					0.021D	1. D	1. D	1. D	2.	1. D	10. D
MINIMUM					0.02	1.	1.	1.	1.	1.	10.
NO OF SAMPLES					9	7	7	7	7	7	7

B.O.W./ SITE: PRONTO LAKE OUTLET
SAMPLE POINT: AT HIGHWAY NO 17 NEAR PRONTO MINE ROAD 60 1
STATION TYPE: LAKE FLOW GAUGE MOE 02CD100

STATION ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 23 LAT: LONG: U T M: 17 0369000.0 5117650.0 4 REGION: 05 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
19 01 78 1600			.3		22002		0.5		0.002	0.490	0.650	0.015	0.075	0.580
29 04 78 1900			.3		22121			0.011	0.001L	0.210	0.480	0.011	0.070	0.291
29 05 78 1600			.3		22135			0.012	0.001L	0.082	0.290	0.038	0.052	0.172
28 06 78 1830			.3		22165			0.002	0.002	0.036	0.200	0.002	0.035	0.073
25 07 78 1830			.3		22196			0.035			0.900			
31 08 78 1430			.3		22227			0.042	0.005	0.080	0.820	0.010	0.010	0.100
26 09 78 1500			.3		22259			0.007						
26 10 78 1430			.3		22290			0.006		0.166	0.460	0.014	0.241	0.421
28 11 78 1830			.3		22321	6		0.002	0.001L	0.460	0.59	0.045	0.235	0.740
26 12 78 1500			.3		22352	6		0.017	0.001					
MAXIMUM							0.5	0.042	0.005	0.490	0.900	0.045	0.241	0.740
AVG OR GEOM MN (*)							0.5	0.015	0.002D	0.218	0.549	0.019	0.103	0.340
MINIMUM							0.5	0.002	0.001	0.036	0.200	0.002	0.010	0.073
NO OF SAMPLES							1	9	7	7	8	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
19 01 78 1600			.3		0.160	0.740	644.0	5.6	638	810	4.50	12.5	376.0	1.45
29 04 78 1900			.3		0.270	0.561	437.0	3.0	434	580	1.30	12.0	224.0	
29 05 78 1600			.3		0.208	0.380	532.0	2.2	530	670	1.70	11.5	304.0	
28 06 78 1830			.3		0.164	0.237	750.0	3.1	747	880	5.60	14.0	410.0	
25 07 78 1830			.3				439.0	7.8	431	570	4.80	52.0	116.0	3.95
31 08 78 1430			.3		0.740	0.840	394.0	26.0	368	510	10.00	59.0	97.0	
26 09 78 1500			.3				597.0	2.6	594	790		26.5	340.0	
26 10 78 1430			.3		0.294	0.715	823.0	5.0	818	990	3.50	9.0	487.0	
28 11 78 1830			.3		0.130	0.870	910.	3.1	907	1080	2.0	18.5	600.	
26 12 78 1500			.3				611.0	4.0	607	800	4.70	39.0	310.0	
MAXIMUM					0.740	0.870	910.	26.0	907	1080	10.00	59.0	600.	3.95
AVG OR GEOM MN (*)					0.281	0.620	613.7	6.2	607	768	4.23	25.4	326.4	2.70
MINIMUM					0.130	0.237	394.0	2.2	368	510	1.30	9.0	97.0	1.45
NO OF SAMPLES					7	7	10	10	10	10	9	10	10	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
19 01 78 1600			.3		1.8	34	7.58	0.550	688.0	260.00	9.50	15	2.25	8.40
29 04 78 1900			.3		0.0	48	10.08	0.120	279.0	110.00	0.95	15	1.35	7.50
29 05 78 1600			.3		0.0	31	8.61	0.330	337.0	135.00	1.85	33	1.60	7.00
28 06 78 1830			.3		4.0	19	7.43	5.500	480.0	185.00	4.50	34	3.50	9.60
25 07 78 1830			.3		15.0	98	7.16	2.950	227.0	81.00	6.00	189	0.75	29.00
31 08 78 1430			.3		9.1	65	7.20	1.950	172.0	60.00	5.50	251	1.00	31.00
26 09 78 1500			.3		5.0	40		0.390	400.0	148.00	7.50		2.45	16.00
26 10 78 1430			.3		2.4	31	7.36	0.270	557.0	210.00	8.00	13	3.80	11.00
28 11 78 1830			.3		2.0	26	8.64	0.38		200.		11	3.70	10.
26 12 78 1500			.3			61	7.08	1.100	396.0	138.00	12.50	60	1.85	20.50
MAXIMUM					15.0	98	10.08	5.500	688.0	260.00	12.50	251	3.80	31.00
AVG OR GEOM MN (*)					4.4	45	7.90	1.354	392.9	152.70	6.26	69	2.23	15.00
MINIMUM					0.0	19	7.08	0.120	172.0	60.00	0.95	11	0.75	7.00
NO OF SAMPLES					9	10	9	10	9	10	9	9	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
19 01 78 1600			.3		42	0.001L	0.96	0.02 L	0.07	0.3 L	0.005L	0.01	0.100	0.04
29 04 78 1900			.3			0.001	1.700	0.020L	0.030	0.030L	0.005L	0.010	0.012	0.020L
29 05 78 1600			.3			0.001L	0.67	0.02 L	0.02	0.03 L	0.005L	0.01 L	0.038	0.02 L
28 06 78 1830			.3			0.001	0.32	0.02 L	0.06	0.03 L	0.005L	0.01 L	0.099	0.02 L
25 07 78 1830			.3										0.400	
31 08 78 1430			.3										0.148	
26 09 78 1500			.3			0.001	0.360	0.070	0.020	0.030L	0.005L	0.030	0.048	0.020
26 10 78 1430			.3			0.001	0.44	0.02 L	0.02	0.03 L	0.005L	0.01 L	0.029	0.02 L
28 11 78 1830			.3										0.040	
26 12 78 1500			.3			0.001	0.230	0.020L	0.050	0.030L	0.005L	0.010	0.370	0.020L
MAXIMUM					42	0.001	1.700	0.070	0.07	0.3	0.005	0.030	0.400	0.04
AVG OR GEOM MN (*)					42	0.001D	0.669	0.0270	0.039	0.0690	0.0050	0.013D	0.128	0.023D
MINIMUM					42	0.001	0.230	0.02	0.02	0.030	0.005	0.01	0.012	0.020
NO OF SAMPLES					1	7	7	7	7	7	7	7	10	7

(C O N T D)

B.O.W./ SITE: PRONTO LAKE OUTLET
SAMPLE POINT: AT HIGHWAY NO 17 NEAR PRONTO MINE ROAD 60 1
STATION TYPE: LAKE FLOW GAUGE MOE 02CD100
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STATION ID: 14-0019-023-01
STORET CODE: 02
002
8040

STN NO: 23 LAT: LONG: U T M: 17 0369000.0 5117650.0 4 REGION: 05 MILEAGE: 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
19 01 78 1600			.3		0.04						
29 04 78 1900			.3		0.030L						
29 05 78 1600			.3		0.02 L	3.	30.	1.	15.	2.	15.
28 06 78 1830			.3		0.02 L	2.	30.	1. L	9.	7.	18.
25 07 78 1830			.3			2.	110.	4.	20.	4.	69.
31 08 78 1430			.3			3.	64.	10.	14.	6.	33.
26 09 78 1500			.3		0.020L						
26 10 78 1430			.3		0.02 L						
28 11 78 1830			.3			3.	12.	1.	13.	2.	10. L
26 12 78 1500			.3		0.030L						
MAXIMUM					0.04	3.	110.	10.	20.	7.	69.
AVG OR GEOM MN (*)					0.026D	3.	49.	3. D	14.	4.	29. D
MINIMUM					0.02	2.	12.	1.	9.	2.	10.
NO OF SAMPLES					7	5	5	5	5	5	5

B.O.W./ SITE: BUD LAKE TAILINGS
SAMPLE POINT: BUD LAKE TAILINGS UPSTREAM FROM BARIUM TREATMENT 22 5
STATION TYPE: LAKE
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STATION ID: 14-0019-024-01
STORET CODE: 02
002
8040

STN NO: 24 LAT: LONG: U T M: 17 0371200.0 5151250.0 4 REGION: 05 MILEAGE: 56.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L
21 01 78 1330			.3		22008		0.5	0.012	23.600	23.800	13.000	69.700	106.300	0.200
22 02 78 1130			.3		22044		0.2	0.010	20.500	20.800	13.000	72.000	105.500	0.300
26 03 78 0930			.3		22075		0.2	0.014	27.400	32.200	9.000	74.000	110.400	4.800
29 04 78 1030			.3		22122			0.030	28.400	32.500	8.800	66.700	103.900	4.100
24 05 78 1530			.3		22157				23.400	23.400	8.700	69.800	101.900	0.000
19 06 78 1530			.3		22188			0.030	23.000	23.700	9.200	71.800	104.000	0.700
23 07 78 1350			.3		22219			0.022		20.000				
24 08 78 1250			.3		22250			0.010	13.500	15.200	11.200	80.800	105.500	1.700
29 09 78 1250			.3		22282			0.035						
29 10 78 1250			.3		22313			0.022	14.300	16.800	13.600	75.400	103.300	2.500
30 11 78 1700			.3		22344	6		0.016	17.8	18.5	13.0	79.5	110.300	0.700
29 12 78 1250			.3		22375	6		0.004						
MAXIMUM							0.5	0.035	28.400	32.500	13.600	80.800	110.400	4.800
AVG OR GEOM MN (*)							0.3	0.019	21.322	22.690	11.056	73.300	105.678	1.667
MINIMUM							0.2	0.004	13.500	15.200	8.700	66.700	101.900	0.000
NO OF SAMPLES							3	11	9	10	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L
21 01 78 1330			.3		106.500	2599.0	14.0	2585	2690	1.20	16.0	1403.0	0.30	0.0
22 02 78 1130			.3		105.800	2572.0	6.3	2566	2650	0.85	15.0	2325.0	0.45	0.0
26 03 78 0930			.3		115.200	2547.0	7.9	2539	2580	0.80	16.5	1333.0	0.85	0.0
29 04 78 1030			.3		108.000	2338.0	2.3	2336	2350	1.70	14.0	1163.0		0.0
24 05 78 1530			.3		101.900	2493.0	3.0	2490	2500	1.20	14.5	1373.0		0.0
19 06 78 1530			.3		104.700	2791.0	3.9	2787	2700	2.90	15.0	1390.0		0.0
23 07 78 1350			.3			2971.0	22.0	2949	2700	15.00	19.5	1387.0	0.40	0.0
24 08 78 1250			.3		107.200	3213.0	4.4	3209	2690	1.50	17.0	1425.0		0.0
29 09 78 1250			.3			3071.0	3.3	3068	2660		17.5	1367.0		0.0
29 10 78 1250			.3		105.800	2268.0	3.0	2265	2700	2.50	17.0	1800.0		0.0
30 11 78 1700			.3		111.000	2468.	0.5	2467	2750	1.4	17.	1450.		0.
29 12 78 1250			.3			2596.0	2.0	2594	2700	0.35	17.5	1428.0		
MAXIMUM					115.200	3213.0	22.0	3209	2750	15.00	19.5	2325.0	0.85	0.0
AVG OR GEOM MN (*)					107.344	2660.6	6.1	2655	2639	2.67	16.4	1487.0	0.50	0.0
MINIMUM					101.900	2268.0	0.5	2265	2350	0.35	14.0	1163.0	0.30	0.0
NO OF SAMPLES					9	12	12	12	12	11	12	12	4	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
21 01 78 1330			.3		65	9.64	0.030	1463.0	580.00	3.55	5	115.00	16.00	90
22 02 78 1130			.3		85	10.12	0.470	1532.0	610.00	2.20	5	110.00		20
26 03 78 0930			.3		122	10.50	0.050	1403.0	560.00	1.25	5	107.00	17.00	40
29 04 78 1030			.3		105	10.00	0.090	1133.0	490.00	2.25	5	98.00	15.00	
24 05 78 1530			.3		60	9.52	0.030	1688.0	671.00	3.10	9	105.00	15.00	
19 06 78 1530			.3		53	9.01	0.300	1566.0	620.00	4.30	21	113.00		
23 07 78 1350			.3		59	9.36	0.200	1540.0	610.00	4.00	17	100.00	16.00	
24 08 78 1250			.3		44	9.30	0.140	1533.0	610.00	2.45	13	124.00	14.00	
29 09 78 1250			.3		46		0.310	1440.0	570.00	4.00		113.00		
29 10 78 1250			.3		6	8.83	0.220		535.00		16	102.00		
30 11 78 1700			.3		51	8.77	0.06		550.		5	60.		
29 12 78 1250			.3		45	8.83	0.010		140.00		3	130.00		
MAXIMUM					122	10.50	0.470	1688.0	671.00	4.30	21	130.00	17.00	90
AVG OR GEOM MN (*)					62	9.44	0.159	1477.6	545.50	3.01	9	106.42	15.50	50
MINIMUM					6	8.77	0.010	1133.0	140.00	1.25	3	60.	14.00	20
NO OF SAMPLES					12	11	12	9	12	9	11	12	6	3

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
21 01 78 1330			.3		0.012	1.8	0.02	0.04	0.03 L	0.005L	0.01 L	0.006	0.02 L	0.02 L
22 02 78 1130			.3		0.014	1.200	0.020L	0.060	0.030L	0.005L	0.010	0.034	0.020L	0.020L
26 03 78 0930			.3		0.009	1.100	0.020	0.060	0.030L	0.005L	0.030	0.012	0.020L	0.020L
29 04 78 1030			.3		0.009	1.900	0.020L	0.050	0.030L	0.005L	0.020	0.011	0.020L	0.03 L
24 05 78 1530			.3		0.010L	2.2	0.02 L	0.06	0.03 L	0.005L	0.01	0.005	0.02 L	0.03 L
19 06 78 1530			.3									0.016		
23 07 78 1350			.3		0.017	3.2	0.02 L	0.08	0.03 L	0.005L	0.01 L	0.014	0.02 L	0.02 L
24 08 78 1250			.3									0.026		
29 09 78 1250			.3		0.018	2.400	0.020L	0.060	0.030L	0.005L	0.010L	0.024	0.020L	0.020L
29 10 78 1250			.3		0.009	2.000	0.020L	0.050	0.030L	0.005L	0.010	0.020	0.020	0.020L
30 11 78 1700			.3		0.015	1.800	0.020L	0.090	0.030L	0.005L	0.010	0.013	0.020L	0.020L
29 12 78 1250			.3		0.003	1.400	0.020L	0.050	0.030L	0.005L	0.010L	0.010	0.020L	0.030L
MAXIMUM					0.018	3.2	0.02	0.090	0.03	0.005	0.030	0.034	0.02	0.03
AVG OR GEOM MN (*)					0.012D	1.900	0.020D	0.060	0.030D	0.005D	0.013D	0.016	0.020D	0.023D
MINIMUM					0.003	1.100	0.02	0.04	0.03	0.005	0.01	0.005	0.02	0.02
NO OF SAMPLES					10	10	10	10	10	10	10	12	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
22 02 78 1130			.3		81.					
26 03 78 0930			.3		740.	670.	20.	560.	11.	10. L
29 04 78 1030			.3		490.	1800.	40.	1300.	20.	10. L
24 05 78 1530			.3		500.	1300.	20.	1220.	10.	30.
19 06 78 1530			.3		720.	930.	34.	830.	27.	50.
23 07 78 1350			.3		5.	50.	2085.	83.	783.	20.
24 08 78 1250			.3		650.	980.	130.	780.	40.	27.
30 11 78 1700			.3		220.	300.	700.	250.	170.	36.
MAXIMUM					740.	1800.	2085.	1300.	783.	50.
AVG OR GEOM MN (*)					426.	861.	432.	717.	151.	26. D
MINIMUM					5.	50.	20.	83.	10.	10.
NO OF SAMPLES					8	7	7	7	7	7

B.O.W./ SITE: ELLIOT LAKE STATION ID: 14-0019-027-01
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
STATION TYPE: LAKE
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE HURON 002
TERM STREAM: SERPENT RIVER 8040

STN NO: 27 LAT: LONG: U T M: 17 0372000.0 5138450.0 4 REGION: 05 MILEAGE: 47.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
23 02 78 1800			.3		22057		0.2	0.020	0.002	0.006	0.190	0.001	0.294	0.301
27 03 78 1500			.3		22102		0.2	0.010	0.001L	0.050	0.320	0.002	0.315	0.367
28 04 78 1500			.3		22123			0.014	0.001	0.052	0.350	0.002	0.220	0.274
24 05 78 2030			.3		22152			0.059	0.001	0.092	0.600	0.008	0.267	0.367
20 06 78 1630			.3		22182			0.012	0.001	0.040	0.240	0.004	0.185	0.229
24 07 78 1500			.3		22213			0.043			0.460			
25 08 78 1430			.3		22244			0.008	0.001L	0.072	0.470	0.002	0.305	0.379
28 09 78 1200			.3		22276			0.006						
28 10 78 1430			.3		22307			0.011	0.001L	0.042	0.350	0.004	0.256	0.302
30 11 78 1400			.3		22338	6		0.009	0.001L	0.050	0.29	0.003	0.287	0.340
28 12 78 1200			.3		22369	6		0.021	0.001					
MAXIMUM							0.2	0.059	0.002	0.092	0.600	0.006	0.315	0.379
AVG OR GEOM MN (*)							0.2	0.019	0.001D	0.051	0.363	0.003	0.266	0.320
MINIMUM							0.2	0.006	0.001	0.006	0.190	0.001	0.185	0.229
NO OF SAMPLES							2	11	9	8	9	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
23 02 78 1800			.3		0.184	0.485	76.0	1.1	75	115	0.90	11.0	25.5	1.05
27 03 78 1500			.3		0.270	0.637	75.0	0.6	74	114	0.80	11.5	25.5	1.05
28 04 78 1500			.3		0.298	0.572	57.0	1.7	55	84	1.00	8.7	18.0	
24 05 78 2030			.3		0.508	0.875	113.0	34.0	79	121	3.10	13.0	25.5	
20 06 78 1630			.3		0.200	0.429	78.0	13.0	65	100	1.60	10.0	27.0	
24 07 78 1500			.3				94.0	3.9	90	139	1.00	19.5	23.5	1.25
25 08 78 1430			.3		0.398	0.777	107.0	4.1	103	158	1.40	26.0	23.5	
28 09 78 1200			.3				68.0	2.4	66	102		11.0	22.0	
28 10 78 1430			.3		0.308	0.610	76.0	3.0	73	112	1.60	13.0	25.0	
30 11 78 1400			.3		0.240	0.580	72.	0.6	71	109	1.6	11.5	26.	
28 12 78 1200			.3				89.0	4.0	85	130	2.20	13.5	29.5	
MAXIMUM					0.508	0.875	113.0	34.0	103	158	3.10	26.0	29.5	1.25
AVG OR GEOM MN (*)					0.301	0.621	82.3	6.2	76	117	1.52	13.5	24.6	1.12
MINIMUM					0.184	0.429	57.0	0.6	55	84	0.80	8.7	18.0	1.05
NO OF SAMPLES					8	8	11	11	11	11	10	11	11	3

(C O N T D)

B.O.W./ SITE: ELLIOT LAKE
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
STATION TYPE: LAKE
STATION ID: 14-0019-027-01
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STORET CODE: 02 002 8040
STN NO: 27 LAT: LONG: U T M: 17 0372000.0 5138450.0 4 REGION: 05 MILEAGE: ·47.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
23 02 78 1800			.3		5.5	6	5.90	0.290	32.0	9.40	1.95	10	0.95	8.40
27 03 78 1500			.3		4.9	5	6.29	0.080	30.0	9.00	1.85	10	1.00	7.30
28 04 78 1500			.3		1.7	3	6.47	0.120	21.0	6.40	1.25	10	0.55	5.60
24 05 78 2030			.3		2.6	7	7.67	0.800	29.0	9.00	1.70	17	1.00	9.00
20 06 78 1630			.3		1.2	5	7.40	0.300	26.0	7.80	1.60	16	0.85	6.70
24 07 78 1500			.3		2.2	14	6.85	0.230	32.0	9.80	1.80	9	1.05	11.00
25 08 78 1430			.3		1.9	8	6.87	0.200	34.0	10.60	1.90	11	1.15	12.00
28 09 78 1200			.3		1.7	7		0.080	26.0	7.80	1.55		0.80	7.20
28 10 78 1430			.3		1.7	7	6.46	0.170	27.0	8.20	1.70	19	0.80	7.60
30 11 78 1400			.3		2.1	6	6.21	0.09	27.	8.0	1.65	11	0.85	6.9
28 12 78 1200			.3			7	6.57	0.450	34.0	10.20	2.00	12	1.30	8.50
MAXIMUM					5.5	14	7.67	0.800	34.0	10.60	2.00	19	1.30	12.00
AVG OR GEOM MN (*)					2.5	7	6.67	0.255	28.9	8.75	1.72	13	0.94	8.20
MINIMUM					1.2	3	5.90	0.080	21.0	6.40	1.25	9	0.55	5.60
NO OF SAMPLES					10	11	10	11	11	11	11	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
23 02 78 1800			.3		16	0.001L	0.120	0.020L	0.050	0.030L	0.005L	0.030	0.142	0.020L
27 03 78 1500			.3		22	0.001	0.060	0.040L	0.020	0.030L	0.005L	0.010	0.128	0.020L
28 04 78 1500			.3			0.001L	0.370	0.020L	0.020	0.030L	0.005L	0.020	0.110	0.020L
24 05 78 2030			.3			0.001L	0.57	0.02 L	0.03	0.03 L	0.005L	0.03	0.184	0.02 L
20 06 78 1630			.3										0.157	
24 07 78 1500			.3			0.001	0.30	0.02 L	0.09	0.03 L	0.005L	0.01 L	0.102	0.02 L
25 08 78 1430			.3										0.042	
28 09 78 1200			.3			0.001	0.360	0.020L	0.010	0.030L	0.005L	0.020	0.028	0.020L
28 10 78 1430			.3			0.001L	0.30	0.02 L	0.03	0.03 L	0.005L	0.02	0.110	0.02 L
30 11 78 1400			.3			0.001L	0.090	0.020L	0.030	0.030L	0.005L	0.010L	0.150	0.020L
28 12 78 1200			.3			0.001L	0.390	0.020L	0.060	0.030L	0.005L	0.020	0.180	0.020L
MAXIMUM					22	0.001	0.57	0.040	0.09	0.030	0.005	0.030	0.184	0.020
AVG OR GEOM MN (*)					19	0.001D	0.284	0.022D	0.038	0.030D	0.005D	0.019D	0.121	0.020D
MINIMUM					16	0.001	0.060	0.020	0.010	0.030	0.005	0.010	0.028	0.020
NO OF SAMPLES					2	9	9	9	9	9	9	9	11	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ·	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 02 78 1800			.3		0.020L		5.	1. L	10.	1.	10. L
27 03 78 1500			.3		0.020L	1. L	10.	1.	10.	1.	10. L
28 04 78 1500			.3		0.030L	1. L	5.	2.	5.	2.	10. L
24 05 78 2030			.3		0.02 L	1.	5.	3.	10.	4.	10. L
20 06 78 1630			.3			1. L	2.	1. L	5.	2.	10. L
24 07 78 1500			.3		0.02 L						
25 08 78 1430			.3			1.	1.	1. L	2.	1. L	10. L
28 09 78 1200			.3		0.020L	1. L	2.	1. L	4.	1. L	10. L
28 10 78 1430			.3		0.02 L						
30 11 78 1400			.3		0.020L	1. L	4.	1. L	6.	1. L	10. L
28 12 78 1200			.3		0.030L						
MAXIMUM					0.030	1.	10.	3.	10.	4.	10.
AVG OR GEOM MN (*)					0.022D	1. D	4.	1. D	6.	1. D	10. D
MINIMUM					0.020	1.	1.	1.	2.	1.	10.
NO OF SAMPLES					9	7	8	8	8	8	8

B.O.W./ SITE: SHERIFF CREEK
SAMPLE POINT: ABOVE OLD TAILINGS SPILL MILLEKIN MINE
STATION TYPE: RIVER
STATION ID: 14-0019-028-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STORET CODE: 02 002 8040
STN NO: 28 LAT: LONG: U T M: 17 0374750.0 5140100.0 4 REGION: 05 MILEAGE: 50.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2·N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
23 01 78 1600			.3		22018		0.4			0.330	0.380	0.001L	0.175	0.506
23 02 78 1700			.3		22055		0.2	0.001L		0.230	0.440	0.007	0.343	0.580
27 03 78 1600			.3		22085		0.2	0.001L		0.232	0.350	0.007	0.375	0.614
28 04 78 1700			.3		22124			0.004	0.001L	0.086	0.250	0.006	0.105	0.197
24 05 78 1930			.3		22150			0.006		0.088	0.320	0.006	0.175	0.269
20 06 78 1530			.3		22180			0.016	0.001	0.232	0.390	0.030	0.500	0.762
24 07 78 1400			.3		22211			0.022			0.580			
25 08 78 1330			.3		22242			0.004	0.001L	0.162	0.320	0.002	0.205	0.369
28 09 78 1300			.3		22274			0.014						
28 10 78 1330			.3		22305			0.005	0.002	0.243	0.470	0.073	0.367	0.683
30 11 78 1300			.3		22336	6		0.010		0.290	0.66	0.046	0.539	0.875
28 12 78 1300			.3		22367	6		0.011	0.001					
MAXIMUM							0.4	0.022	0.002	0.330	0.66	0.073	0.539	0.875
AVG OR GEOM MN (*)							0.3	0.009D	0.001D	0.210	0.416	0.020D	0.309	0.539
MINIMUM							0.2	0.001	0.001	0.086	0.250	0.001	0.105	0.197
NO OF SAMPLES							3	11	5	9	10	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
23 01 78 1600			.3		0.050	0.556	223.0	18.0	205		483	33.00	2.1	130.0
23 02 78 1700			.3		0.210	0.790	217.0	17.0	200		510	36.00	1.5	
27 03 78 1600			.3		0.118	0.732	218.0	15.0	203		455	18.00	3.3	132.0
28 04 78 1700			.3		0.164	0.361	216.0	11.0		205	315	14.00	0.6	82.0
24 05 78 1930			.3		0.232	0.501	240.0	3.2		237	365	5.80	1.3	103.0
20 06 78 1530			.3		0.158	0.920	331.0	1.5	330		540	5.30	5.7	188.0
24 07 78 1400			.3				293.0	6.0	287		560	6.80	1.4	203.0
25 08 78 1330			.3		0.158	0.527	237.0	0.9		236	363	4.20	3.0	129.0
28 09 78 1300			.3				521.0	17.0	504		980		3.3	338.0
28 10 78 1330			.3		0.227	0.910	327.0	10.0	317		690	2.30	2.6	230.0
30 11 78 1300			.3		0.370	1.245	305.	42.	263		455	40.	1.6	150.
28 12 78 1300			.3				252.0	33.0	219		510	42.00	2.6	140.0
MAXIMUM					0.370	1.245	521.0	42.	504	237	980	42.00	5.7	338.0
AVG OR GEOM MN (*)					0.187	0.727	281.7	14.6	281	226	519	18.86	2.4	165.9
MINIMUM					0.050	0.361	216.0	0.9	200	205	315	2.30	0.6	82.0
NO OF SAMPLES					9	9	12	12	9	3	12	11	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
23 01 78 1600			.3		4.80	85.1	1L	3.22	11.000	81.0	24.00	5.00	40	1.15
23 02 78 1700			.3		5.10	43.9	0	3.10	10.000	77.0	22.40	5.20	30	1.20
27 03 78 1600			.3		4.50	81.9	0	3.37	10.800	78.0	23.00	5.00	25	1.10
28 04 78 1700			.3			57.4	0	3.40	7.800	38.0	11.40	2.40	25	0.55
24 05 78 1930			.3			68.1	0	3.49	7.300	48.0	14.50	2.90	13	0.85
20 06 78 1530			.3			78.1	0	3.47	4.700	127.0	37.00	8.50	26	1.70
24 07 78 1400			.3		7.10	113.0	0	3.12	8.200	89.0	25.00	6.50	11	1.10
25 08 78 1330			.3			37.4	0	3.76	0.850	97.0	28.00	6.50	11	1.30
28 09 78 1300			.3			282.0	0		35.000	143.0	40.00	10.50		1.75
28 10 78 1330			.3			161.0	0	3.14	26.000	108.0	31.00	7.50	24	1.40
30 11 78 1300			.3			119.1	0	3.04	23.	73.	22.	4.5	92	1.20
28 12 78 1300			.3				0	3.09	18.000	74.0	22.00	4.75	95	1.20
MAXIMUM					7.10	282.0	1	3.76	35.000	143.0	40.00	10.50	95	1.75
AVG OR GEOM MN (*)					5.38	102.5	0D	3.29	13.554	86.1	25.03	5.77	36	1.21
MINIMUM					4.50	37.4	0	3.04	0.850	38.0	11.40	2.40	11	0.55
NO OF SAMPLES					4	11	12	11	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
23 01 78 1600			.3		2.60	33	0.001L	7.200	0.020L	0.040	0.030L	0.005L	0.040	0.930
23 02 78 1700			.3		2.00	14	0.001L	4.800	0.020L	0.060	0.030L	0.005L	0.060	1.100
27 03 78 1600			.3		2.50	34	0.001L	5.600	0.040L	0.080	0.030L	0.005L	0.060	0.105
28 04 78 1700			.3		1.00		0.001L	3.600	0.020L	0.060	0.030L	0.005L	0.140	0.380
24 05 78 1930			.3		1.70		0.001L	3.5	0.02 L	0.07	0.03 L	0.005L	0.03	0.590
20 06 78 1530			.3		5.30									2.300
24 07 78 1400			.3		2.20		0.001	8.2	0.02 L	0.10	0.03 L	0.005L	0.09	1.420
25 08 78 1330			.3		3.10									1.340
28 09 78 1300			.3		4.30		0.001	16.000	0.020L	0.090	0.040	0.005L	0.090	0.220
28 10 78 1330			.3		2.70		0.001	12.	0.02 L	0.13	0.03 L	0.005L	0.07	1.600
30 11 78 1300			.3		2.5		0.001	6.100	0.020L	0.050	0.030L	0.005L	0.030	1.1
28 12 78 1300			.3		2.70		0.002	5.500	0.020L	0.060	0.030L	0.005L	0.040	1.200
MAXIMUM					5.30	34	0.002	16.000	0.040	0.13	0.040	0.005	0.140	2.300
AVG OR GEOM MN (*)					2.72	27	0.001D	7.250	0.0220	0.074	0.0310	0.0050	0.065	1.024
MINIMUM					1.00	14	0.001	3.5	0.020	0.040	0.030	0.005	0.03	0.105
NO OF SAMPLES					12	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 01 78 1600			.3		0.050	0.050						
23 02 78 1700			.3		0.050	0.050	3.	360.	15.	120.	15.	168.
27 03 78 1600			.3		0.030	0.070	4.	400.	10.	110.	5.	185.
28 04 78 1700			.3		0.020L	0.030L	2.	250.	10.	70.	5.	130.
24 05 78 1930			.3		0.04	0.06	3.	270.	3.	65.	2.	145.
20 06 78 1530			.3				9.	130.	1.	120.	4.	370.
24 07 78 1400			.3		0.06	0.02 L	9.	539.	4.	115.	4.	300.
25 08 78 1330			.3				8.	110.	2.	82.	5.	26.
28 09 78 1300			.3		0.110	0.140	10.	650.	5.	160.	5.	320.
28 10 78 1330			.3		0.07	0.12						
30 11 78 1300			.3		0.050	0.050	6.	200.	4.	58.	6.	96.
28 12 78 1300			.3		0.040	0.080						
MAXIMUM					0.110	0.140	10.	650.	15.	160.	15.	370.
AVG OR GEOM MN (*)					0.052D	0.067D	6.	323.	6.	100.	5.	193.
MINIMUM					0.020	0.02	2.	110.	1.	58.	2.	26.
NO OF SAMPLES					10	10	9	9	9	9	9	9

B.O.W./ SITE: DUNLOP LAKE
SAMPLE POINT: DUNLOP LAKE IN BAY A 18 1
STATION TYPE: LAKE

STATION ID: 14-0019-030-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 30 LAT: LONG: U T M: 17 0372900.0 5149000.0 4 REGION: 05 MILEAGE: 58.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	805 WATER TEMP. DEG C	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L
24 05 78 0900			.3		21800		0.003	0.001L	0.012	0.160	0.002	0.105	0.119	0.148
31 10 78 1350			.3		21828	8.0	0.003	0.001L	0.024	0.220	0.002	0.103	0.129	0.196
MAXIMUM						8.0	0.003	0.001	0.024	0.220	0.002	0.105	0.129	0.196
AVG OR GEOM MN (*)						8.0	0.003	0.001D	0.018	0.190	0.002	0.104	0.124	0.172
MINIMUM						8.0	0.003	0.001	0.012	0.160	0.002	0.103	0.119	0.148
NO OF SAMPLES						1	2	2	2	2	2	2	2	2

(C O N T D)

```
 B.O.W./ SITE: DUNLOP LAKE                                                                       STATION ID:  14-0019-030-01
 SAMPLE POINT: DUNLOP LAKE IN BAY A  18 1
 STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                       002
                                                         TERM STREAM: SERPENT RIVER                                    8040

STN NO:     30    LAT:               LONG:               U T M: 17 0372900.0 5149000.0 4    REGION: 05           MILEAGE:   58.30

                                          23         5        6      107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL    SUSP.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS   SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L     MG/L  MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 0900               .3         0.267      24.0      1.1        23        34      0.30       0.8       8.0
31 10 78 1350               .3         0.325                                     34      0.80       0.7       8.0      0.50       1.8

                       MAXIMUM         0.325      24.0      1.1        23        34      0.80       0.8       8.0      0.50       1.8
             AVG OR GEOM MN (*)        0.296      24.0      1.1        23        34      0.55       0.7       8.0      0.50       1.8
                       MINIMUM         0.267      24.0      1.1        23        34      0.30       0.7       8.0      0.50       1.8

                NO OF SAMPLES              2         1        1         1         2         2         2         2         1         1

                                          52        55      208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH    TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB     IRON  HARDNESS   CALCIUM   NESIUM      HAZEN         K        NA   ARSENIC
               FEET      MTRS           MG/L               MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 0900               .3                    6.56                                                                        0.001L
31 10 78 1350               .3             7      6.80    0.040      11.0      3.60      0.55         8      0.30      0.80    0.001L

                       MAXIMUM             7      6.80    0.040      11.0      3.60      0.55         8      0.30      0.80     0.001
             AVG OR GEOM MN (*)            7      6.68    0.040      11.0      3.60      0.55         8      0.30      0.80    0.001D
                       MINIMUM             7      6.56    0.040      11.0      3.60      0.55         8      0.30      0.80     0.001

                NO OF SAMPLES              1         2        1         1         1         1         1         1         1         2

                                         203       221      225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM   COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS           MG/L      MG/L     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 0900               .3         0.100    0.020L    0.030    0.030L    0.005L    0.010L              0.020L    0.020L     1.  L
31 10 78 1350               .3        0.050L    0.020L    0.030    0.030L    0.005L    0.010L     0.022    0.020L    0.020L     1.  L

                       MAXIMUM         0.100     0.020    0.030     0.030     0.005     0.010     0.022     0.020     0.020     1.
             AVG OR GEOM MN (*)       0.075D    0.020D    0.030    0.030D    0.005D    0.010D     0.022    0.020D    0.020D     1.  D
                       MINIMUM         0.050     0.020    0.030     0.030     0.005     0.010     0.022     0.020     0.020     1.

                NO OF SAMPLES              2         2        2         2         2         2         1         2         2         2

                                         452       453      454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A" GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS     DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L    PCI/L     PCI/L      UG/L

24 05 78 0900               .3            1.     1.  L       5.     1.  L    10.  L
31 10 78 1350               .3         1.  L     1.  L       2.     1.  L    10.  L




                       MAXIMUM            1.        1.       5.        1.       10.
             AVG OR GEOM MN (*)        1.  D     1.  D       3.     1.  D    10.  D
                       MINIMUM            1.        1.       2.        1.       10.

                NO OF SAMPLES              2         2        2         2         2


 B.O.W./ SITE: QUIRKE LAKE                                                                       STATION ID:  14-0019-031-01
 SAMPLE POINT: SOUTH WEST OF STANROCK MINE 25 4
 STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                       002
                                                         TERM STREAM: SERPENT RIVER                                    8040

STN NO:     31    LAT:               LONG:               U T M: 17 0379400.0 5147075.0 4    REGION: 05           MILEAGE:   53.10

                                         934       805       33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER    TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.        P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N
               FEET      MTRS                   DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L

24 05 78 1400               .3         21801              0.002    0.001L     2.700     3.300     0.045     7.330    10.075     0.600
31 10 78 1325               .3         21827       8.0    0.003    0.001L     2.720     3.050     0.069     7.980    10.769     0.330

                       MAXIMUM                     8.0    0.003     0.001     2.720     3.300     0.069     7.980    10.769     0.600
             AVG OR GEOM MN (*)                    8.0    0.003    0.001D     2.710     3.175     0.057     7.655    10.422     0.465
                       MINIMUM                     8.0    0.002     0.001     2.700     3.050     0.045     7.330    10.075     0.330

                NO OF SAMPLES                        1        2         2         2         2         2         2         2         2

                                          23         5        6      107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL    SUSP.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS   SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L     MG/L  MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1400               .3        10.675     251.0      1.3       250       385      0.40       5.6     146.0
31 10 78 1325               .3        11.099                                    415      0.90       6.5     152.0      1.40       4.9

                       MAXIMUM        11.099     251.0      1.3       250       415      0.90       6.5     152.0      1.40       4.9
             AVG OR GEOM MN (*)       10.887     251.0      1.3       250       400      0.65       6.1     149.0      1.40       4.9
                       MINIMUM        10.675     251.0      1.3       250       385      0.40       5.6     146.0      1.40       4.9

                NO OF SAMPLES              2         1        1         1         2         2         2         2         1         1

                                          52        55      208        76        72        74        68        67       265       203
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH    TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB     IRON  HARDNESS   CALCIUM   NESIUM      HAZEN         K   ARSENIC  ALUMINUM
               FEET      MTRS           MG/L               MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1400               .3                    5.29                                                             0.001L     0.440
31 10 78 1325               .3             3      5.60    0.080     148.0     56.00      2.10         3      9.80     0.001     0.380

                       MAXIMUM             3      5.60    0.080     148.0     56.00      2.10         3      9.80     0.001     0.440
             AVG OR GEOM MN (*)            3      5.45    0.080     148.0     56.00      2.10         3      9.80    0.001D     0.410
                       MINIMUM             3      5.29    0.080     148.0     56.00      2.10         3      9.80     0.001     0.380

                NO OF SAMPLES              1         2        1         1         1         1         1         1         2         2
```

(C O N T D)

```
                                         221       225       229       215       249       201       238       217       451       452
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM  GROSS"A"
DY MO YR LMT   DIST BRG DEPTH       CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS      DISS
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L     PCI/L

24 05 78 1400              .3         0.020L     0.020    0.030L    0.005L     0.020              0.020L    0.020L        6.       75.
31 10 78 1325              .3         0.020L     0.020     0.030    0.005L    0.010L     0.330    0.020L    0.020L        4.       44.

                      MAXIMUM          0.020     0.020     0.030     0.005     0.020     0.330     0.020     0.020        6.       75.
           AVG OR GEOM MN (*)         0.020D     0.020    0.030D    0.005D    0.015D     0.330    0.020D    0.020D        5.       59.
                      MINIMUM          0.020     0.020     0.030     0.005     0.010     0.330     0.020     0.020        4.       44.

                NO OF SAMPLES              2         2         2         2         2         1         2         2         2         2

                                         453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH         UNDISS      DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1400              .3             3.       60.        5.       17.
31 10 78 1325              .3             4.       24.        4.       18.

                      MAXIMUM             4.       60.        5.       18.
           AVG OR GEOM MN (*)             3.       42.        4.       17.
                      MINIMUM             3.       24.        4.       17.

                NO OF SAMPLES              2         2         2         2


B.O.W./ SITE: QUIRKE LAKE                                                                 STATION ID:   14-0019-032-01
SAMPLE POINT: NORTH EAST OF CAN MET MINE 25 7
STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                      002
                                                        TERM STREAM: SERPENT RIVER                                   8040

STN NO:    32     LAT:              LONG:               U T M: 17 0382650.0 5149100.0 4    REGION: 05         MILEAGE:   50.40

                                         934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N   ORGNC N
               FEET      MTRS                    DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1400              .3          21802               0.003    0.001L     2.000     2.300     0.036     5.460     7.496     0.300
31 10 78 1315              .3          21825       8.0    0.001L    0.001L     2.640     2.900     0.053     7.600    10.293     0.260

                      MAXIMUM                      8.0     0.003     0.001     2.640     2.900     0.053     7.600    10.293     0.300
           AVG OR GEOM MN (*)                      8.0    0.002D    0.001D     2.320     2.600     0.045     6.530     8.895     0.280
                      MINIMUM                      8.0     0.001     0.001     2.000     2.300     0.036     5.460     7.496     0.260

                NO OF SAMPLES                        1         2         2         2         2         2         2         2         2

                                          23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1400              .3          7.796     197.0       1.9       195       300      0.80       4.3     111.0
31 10 78 1315              .3         10.553                                     400      0.70       6.2     145.0      1.40       3.7




                      MAXIMUM         10.553     197.0       1.9       195       400      0.80       6.2     145.0      1.40       3.7
           AVG OR GEOM MN (*)          9.175     197.0       1.9       195       350      0.75       5.3     128.0      1.40       3.7
                      MINIMUM          7.796     197.0       1.9       195       300      0.70       4.3     111.0      1.40       3.7

                NO OF SAMPLES              2         1         1         1         2         2         2         2         1         1

                                          52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS           MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1400              .3                     5.73                                                                          0.001L
31 10 78 1315              .3              3      7.20     0.060     143.0     54.00      2.05         2      9.00      4.00     0.001

                      MAXIMUM              3      7.20     0.060     143.0     54.00      2.05         2      9.00      4.00     0.001
           AVG OR GEOM MN (*)              3      6.47     0.060     143.0     54.00      2.05         2      9.00      4.00    0.001D
                      MINIMUM              3      5.73     0.060     143.0     54.00      2.05         2      9.00      4.00     0.001

                NO OF SAMPLES              1         2         1         1         1         1         1         1         1         2

                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1400              .3          0.340    0.020L     0.030    0.030L    0.005L     0.020              0.020L    0.020L        4.
31 10 78 1315              .3          0.600    0.020L     0.020    0.030L    0.005L     0.020     0.320    0.020L    0.020L        4.

                      MAXIMUM          0.600     0.020     0.030     0.030     0.005     0.020     0.320     0.020     0.020        4.
           AVG OR GEOM MN (*)          0.470    0.020D     0.025    0.030D    0.005D     0.020     0.320    0.020D    0.020D        4.
                      MINIMUM          0.340     0.020     0.020     0.030     0.005     0.020     0.320     0.020     0.020        4.

                NO OF SAMPLES              2         2         2         2         2         2         1         2         2         2

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1400              .3            20.        4.       25.       10.     10. L
31 10 78 1315              .3            38.        3.       24.        5.       16.

                      MAXIMUM            38.        4.       25.       10.       16.
           AVG OR GEOM MN (*)            29.        3.       24.        7.     13. D
                      MINIMUM            20.        3.       24.        5.       10.

                NO OF SAMPLES              2         2         2         2         2
```

```
 B.O.W./ SITE: QUIRKE LAKE                                                               STATION ID:  14-0019-033-01
 SAMPLE POINT: SOUTH EAST CORNER 25 6
 STATION TYPE: LAKE                                 MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                    MINOR BASIN: LAKE HURON                                       002
                                                    TERM STREAM: SERPENT RIVER                                    8040

STN NO:     33    LAT:              LONG:            U T M: 17 0382500.0 5147450.0 4    REGION: 05          MILEAGE:   51.60

                                         934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                    DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1400              .3          21803               0.003    0.001L     3.050     3.100     0.050     7.700    10.800     0.050
31 10 78 1300              .3          21824       8.0     0.020    0.001L     2.660     3.000     0.052     7.800    10.512     0.340

                      MAXIMUM                      8.0     0.020     0.001     3.050     3.100     0.052     7.800    10.800     0.340
           AVG OR GEOM MN (*)                      8.0     0.012    0.001D     2.855     3.050     0.051     7.750    10.656     0.195
                      MINIMUM                      8.0     0.003     0.001     2.660     3.000     0.050     7.700    10.512     0.050

                NO OF SAMPLES                        1         2         2         2         2         2         2         2         2

                                          23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1400              .3         10.850     255.0       1.1       254       390      0.50       5.6     138.0
31 10 78 1300              .3         10.852                                     410      0.80       6.3     152.0      1.40       4.2

                      MAXIMUM         10.852     255.0       1.1       254       410      0.80       6.3     152.0      1.40       4.2
           AVG OR GEOM MN (*)         10.851     255.0       1.1       254       400      0.65       6.0     145.0      1.40       4.2
                      MINIMUM         10.850     255.0       1.1       254       390      0.50       5.6     138.0      1.40       4.2

                NO OF SAMPLES              2         1         1         1         2         2         2         2         1         1

                                          52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS           MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1400              .3                     7.98                                                                          0.001
31 10 78 1300              .3              2      5.32     0.110     146.0     55.00      2.10         4      9.50      5.00     0.001

                      MAXIMUM              2      7.98     0.110     146.0     55.00      2.10         4      9.50      5.00     0.001
           AVG OR GEOM MN (*)              2      6.65     0.110     146.0     55.00      2.10         4      9.50      5.00     0.001
                      MINIMUM              2      5.32     0.110     146.0     55.00      2.10         4      9.50      5.00     0.001

                NO OF SAMPLES              1         2         1         1         1         1         1         1         1         2

                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1400              .3          0.390    0.020L     0.040    0.030L    0.005L     0.020              0.020L    0.020L        5.
31 10 78 1300              .3          0.510    0.020L     0.020    0.030L    0.005L     0.030     0.330    0.020L    0.020L        5.




                      MAXIMUM          0.510     0.020     0.040     0.030     0.005     0.030     0.330     0.020     0.020        5.
           AVG OR GEOM MN (*)          0.450    0.020D     0.030    0.030D    0.005D     0.025     0.330    0.020D    0.020D        5.
                      MINIMUM          0.390     0.020     0.020     0.030     0.005     0.020     0.330     0.020     0.020        5.

                NO OF SAMPLES              2         2         2         2         2         2         1         2         2         2

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1400              .3            45.        4.       35.       10.       16.
31 10 78 1300              .3            41.        3.       25.        4.       15.

                      MAXIMUM            45.        4.       35.       10.       16.
           AVG OR GEOM MN (*)            43.        3.       30.        7.       15.
                      MINIMUM            41.        3.       25.        4.       15.

                NO OF SAMPLES              2         2         2         2         2


 B.O.W./ SITE: QUIRKE LAKE                                                               STATION ID:  14-0019-034-01
 SAMPLE POINT: EAST OF DENISON MINE 25 2
 STATION TYPE: LAKE                                 MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                    MINOR BASIN: LAKE HURON                                       002
                                                    TERM STREAM: SERPENT RIVER                                    8040

STN NO:     34    LAT:              LONG:            U T M: 17 0377800.0 5149100.0 4    REGION: 05          MILEAGE:   53.30

                                         934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                    DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1400              .3          21804               0.002    0.001L     2.950     3.200     0.055     7.440    10.445     0.250
31 10 78 1335              .3          21826       8.0    0.001L    0.001L     2.720     3.150     0.070     8.030    10.820     0.430

                      MAXIMUM                      8.0     0.002     0.001     2.950     3.200     0.070     8.030    10.820     0.430
           AVG OR GEOM MN (*)                      8.0    0.002D    0.001D     2.835     3.175     0.063     7.735    10.633     0.340
                      MINIMUM                      8.0     0.001     0.001     2.720     3.150     0.055     7.440    10.445     0.250

                NO OF SAMPLES                        1         2         2         2         2         2         2         2         2

                                          23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1400              .3         10.695     248.0       1.1       247       380      0.60       5.5     133.0
31 10 78 1335              .3         11.250                                     415      0.80       6.5     150.0      1.40       3.9

                      MAXIMUM         11.250     248.0       1.1       247       415      0.80       6.5     150.0      1.40       3.9
           AVG OR GEOM MN (*)         10.973     248.0       1.1       247       398      0.70       6.0     141.5      1.40       3.9
                      MINIMUM         10.695     248.0       1.1       247       380      0.60       5.5     133.0      1.40       3.9

                NO OF SAMPLES              2         1         1         1         2         2         2         2         1         1
```

(C O N T D)

```
                                      52        55       208       76         72        74         68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ  TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG     COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH      AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM      HAZEN         K        NA   ARSENIC
               FEET      MTRS        MG/L                MG/L      MG/L      MG/L      MG/L      UNITS      MG/L      MG/L      MG/L
24 05 78 1400              .3                  8.66                                                                          0.001L
31 10 78 1335              .3           2      7.05     0.070     148.0     56.00      2.10          5      9.80      5.00     0.001

                      MAXIMUM           2      8.66     0.070     148.0     56.00      2.10          5      9.80      5.00     0.001
            AVG OR GEOM MN (*)          2      7.86     0.070     148.0     56.00      2.10          5      9.80      5.00     0.001D
                      MINIMUM           2      7.05     0.070     148.0     56.00      2.10          5      9.80      5.00     0.001

               NO OF SAMPLES            1         2         1         1         1         1          1         1         1         2
                                     203       221       225       229       215       249        201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL      TOTAL     TOTAL     TOTAL     RADIUM
DY MO YR LMT   DIST BRG DEPTH    ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC         MN    NICKEL    COBALT  226 DISS
               FEET      MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L      MG/L      MG/L     PCI/L
24 05 78 1400              .3       0.410    0.020L     0.040    0.030L    0.005L     0.020               0.020L    0.020L     4.
31 10 78 1335              .3       0.520    0.020L     0.020    0.030L    0.005L    0.010L      0.330    0.020L    0.020L     5.

                      MAXIMUM       0.520     0.020     0.040     0.030     0.005     0.020      0.330     0.020     0.020     5.
            AVG OR GEOM MN (*)      0.465    0.020D     0.030    0.030D    0.005D    0.015D      0.330    0.020D    0.020D     5.
                      MINIMUM       0.410     0.020     0.020     0.030     0.005     0.010      0.330     0.020     0.020     4.

               NO OF SAMPLES            2         2         2         2         2         2          1         2         2         2
                                     452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH        DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS       PCI/L     PCI/L     PCI/L     PCI/L      UG/L
24 05 78 1400              .3         50.        5.       35.       10.       17.
31 10 78 1335              .3         43.        3.       26.        4.       18.

                      MAXIMUM         50.        5.       35.       10.       18.
            AVG OR GEOM MN (*)        46.        4.       30.        7.       17.
                      MINIMUM         43.        3.       26.        4.       17.

               NO OF SAMPLES            2         2         2         2         2


B.O.W./ SITE: WHISKEY LAKE
SAMPLE POINT: SOUTH END NEAR RUM POINT 29 4                                      STATION ID:  14-0019-035-01
STATION TYPE: LAKE
                                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                   MINOR BASIN: LAKE HURON                                        002
                                                   TERM STREAM: SERPENT RIVER                                     8040

STN NO:    35     LAT:               LONG:         U T M: 17 0396300.0 5140000.0 4    REGION: 05         MILEAGE:  36.90

                                     934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N          N  ORGNC  N
               FEET      MTRS                DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L
25 05 78 0900              .3       21806               0.001L    0.001L     1.500     1.500     0.005     5.040     6.545     0.000
31 10 78 1130              .3       21819       6.0     0.001L    0.001L     1.430     1.430     0.022     5.180     6.632     0.000



                      MAXIMUM                   6.0     0.001     0.001      1.500     1.500     0.022     5.180     6.632     0.000
            AVG OR GEOM MN (*)                  6.0     0.001D    0.001D     1.465     1.465     0.014     5.110     6.589     0.000
                      MINIMUM                   6.0     0.001     0.001      1.430     1.430     0.005     5.040     6.545     0.000

               NO OF SAMPLES                      1         2         2          2         2         2         2         2         2
                                      23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ  TOTAL N     TOTAL     SUSP.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS        MG/L      MG/L      MG/L  MG/L         UMHOS     UNITS                MG/L  SI MG/L       MG/L
25 05 78 0900              .3       6.545     177.0       1.1       176       270      0.40       3.6     100.0
31 10 78 1130              .3       6.632                                     275      0.60       3.7     102.0      1.40       3.8

                      MAXIMUM       6.632     177.0       1.1       176       275      0.60       3.7     102.0      1.40       3.8
            AVG OR GEOM MN (*)      6.589     177.0       1.1       176       273      0.50       3.6     101.0      1.40       3.8
                      MINIMUM       6.545     177.0       1.1       176       270      0.40       3.6     100.0      1.40       3.8

               NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1
                                      52        55       208       76         72        74         68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ  TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG     COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH      AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM      HAZEN         K        NA   ARSENIC
               FEET      MTRS        MG/L                MG/L      MG/L      MG/L      MG/L      UNITS      MG/L      MG/L      MG/L
25 05 78 0900              .3                  5.31                                                                          0.001L
31 10 78 1130              .3           2      5.38     0.020     100.0     37.00      1.75          2      6.00      2.70     0.001

                      MAXIMUM           2      5.38     0.020     100.0     37.00      1.75          2      6.00      2.70     0.001
            AVG OR GEOM MN (*)          2      5.35     0.020     100.0     37.00      1.75          2      6.00      2.70     0.001D
                      MINIMUM           2      5.31     0.020     100.0     37.00      1.75          2      6.00      2.70     0.001

               NO OF SAMPLES            1         2         1         1         1         1          1         1         1         2
                                     203       221       225       229       215       249        201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL      TOTAL     TOTAL     TOTAL     RADIUM
DY MO YR LMT   DIST BRG DEPTH    ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC         MN    NICKEL    COBALT  226 DISS
               FEET      MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L      MG/L      MG/L     PCI/L
25 05 78 0900              .3       0.370    0.020L    0.010L    0.030L    0.005L     0.020               0.020L    0.020L     6.
31 10 78 1130              .3       0.720    0.020L     0.040    0.030L    0.005L     0.030      0.350    0.020L    0.020L     4.

                      MAXIMUM       0.720     0.020     0.040     0.030     0.005     0.030      0.350     0.020     0.020     6.
            AVG OR GEOM MN (*)      0.545    0.020D    0.025D    0.030D    0.005D     0.025      0.350    0.020D    0.020D     5.
                      MINIMUM       0.370     0.020     0.010     0.030     0.005     0.020      0.350     0.020     0.020     4.

               NO OF SAMPLES            2         2         2         2         2         2          1         2         2         2
                                     452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH        DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS       PCI/L     PCI/L     PCI/L     PCI/L      UG/L
25 05 78 0900              .3         30.        2.       40.        4.     10. L
31 10 78 1130              .3         37.        1.       24.        2.      11.

                      MAXIMUM         37.        2.       40.        4.      11.
            AVG OR GEOM MN (*)        33.        1.       32.        3.     10. D
                      MINIMUM         30.        1.       24.        2.      10.

               NO OF SAMPLES            2         2         2         2         2
```

```
 B.O.W./ SITE: MCCABE LAKE                                                                  STATION ID:  14-0019-036-01
 SAMPLE POINT: CENTRE OF LAKE 35 1
 STATION TYPE: LAKE                                     MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                    002
                                                        TERM STREAM: SERPENT RIVER                                 8040

STN NO:     36    LAT:             LONG:                U T M: 17 0379825.0 5142000.0 4    REGION: 05         MILEAGE:   43.20

                                       934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                  DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1000              .3        21805               0.004    0.001L     0.069     0.260     0.002     0.205     0.276     0.191
31 10 78 1145              .3        21820       7.0    0.001L    0.001L     0.038     0.190     0.002     0.228     0.268     0.152

                      MAXIMUM                    7.0     0.004     0.001     0.069     0.260     0.002     0.228     0.276     0.191
           AVG OR GEOM MN (*)                    7.0    0.003D    0.001D     0.054     0.225     0.002     0.217     0.272     0.172
                      MINIMUM                    7.0     0.001     0.001     0.038     0.190     0.002     0.205     0.268     0.152

                NO OF SAMPLES                      1         2         2         2         2         2         2         2         2

                                        23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1000              .3        0.467     138.0       0.6       137       209      0.90       0.1      84.0
31 10 78 1145              .3        0.420                                     225      0.70       1.2      95.0      1.20       1.5

                      MAXIMUM        0.467     138.0       0.6       137       225      0.90       1.2      95.0      1.20       1.5
           AVG OR GEOM MN (*)        0.444     138.0       0.6       137       217      0.80       0.6      89.5      1.20       1.5
                      MINIMUM        0.420     138.0       0.6       137       209      0.70       0.1      84.0      1.20       1.5

                NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1

                                        52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ   TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH       AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS         MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1000              .3                   6.49                                                                        0.001L
31 10 78 1145              .3            8      6.51     0.040      93.0     34.00      2.00         6      1.25      1.60    0.001L

                      MAXIMUM            8      6.51     0.040      93.0     34.00      2.00         6      1.25      1.60     0.001
           AVG OR GEOM MN (*)            8      6.50     0.040      93.0     34.00      2.00         6      1.25      1.60    0.001D
                      MINIMUM            8      6.49     0.040      93.0     34.00      2.00         6      1.25      1.60     0.001

                NO OF SAMPLES            1         2         1         1         1         1         1         1         1         2

                                       203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH     ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1000              .3        0.110    0.020L     0.020    0.030L    0.005L    0.010L              0.020L    0.020L        7.
31 10 78 1145              .3        0.320    0.020L     0.020    0.030L    0.005L    0.010L     0.037    0.020L    0.020L        7.




                      MAXIMUM        0.320     0.020     0.020     0.030     0.005     0.010     0.037     0.020     0.020        7.
           AVG OR GEOM MN (*)        0.215    0.020D     0.020    0.030D    0.005D    0.010D     0.037    0.020D    0.020D        7.
                      MINIMUM        0.110     0.020     0.020     0.030     0.005     0.010     0.037     0.020     0.020        7.

                NO OF SAMPLES            2         2         2         2         2         2         1         2         2         2

                                       452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH         DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS        PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1000              .3          20.        1.       15.        2.     10. L
31 10 78 1145              .3          18.      1. L       13.      1. L     10. L

                      MAXIMUM          20.        1.       15.        2.       10.
           AVG OR GEOM MN (*)          19.      1. D       14.      1. D     10. D
                      MINIMUM          18.        1.       13.        1.       10.

                NO OF SAMPLES            2         2         2         2         2


 B.O.W./ SITE: CAMP LAKE                                                                    STATION ID:  14-0019-037-01
 SAMPLE POINT: AT SOUTH END 55 1
 STATION TYPE: LAKE                                     MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                    002
                                                        TERM STREAM: SERPENT RIVER                                 8040

STN NO:     37    LAT:             LONG:                U T M: 17 0388850.0 5120950.0 4    REGION: 05         MILEAGE:   10.40

                                       934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                  DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1000              .3        21807               0.004    0.001L     0.327     0.550     0.005     1.790     2.122     0.223
31 10 78 1030              .3        21816       6.0     0.004     0.001     0.480     0.660     0.007     2.490     2.977     0.180

                      MAXIMUM                    6.0     0.004     0.001     0.480     0.660     0.007     2.490     2.977     0.223
           AVG OR GEOM MN (*)                    6.0     0.004    0.0010     0.404     0.605     0.006     2.140     2.550     0.202
                      MINIMUM                    6.0     0.004     0.001     0.327     0.550     0.005     1.790     2.122     0.180

                NO OF SAMPLES                      1         2         2         2         2         2         2         2         2

                                        23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1000              .3        2.345     100.0       2.2        98       150      1.00       3.3      49.0
31 10 78 1030              .3        3.157                                     180      1.10       3.7      61.0      1.40       2.3

                      MAXIMUM        3.157     100.0       2.2        98       180      1.10       3.7      61.0      1.40       2.3
           AVG OR GEOM MN (*)        2.751     100.0       2.2        98       165      1.05       3.5      55.0      1.40       2.3
                      MINIMUM        2.345     100.0       2.2        98       150      1.00       3.3      49.0      1.40       2.3

                NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1
```

(C O N T D)

```
                                                52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ           TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH               AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS                 MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1000              .3                           6.12                                                                        0.001L
31 10 78 1030              .3                    4      6.28     0.050      65.0     22.00      1.75        12      3.30      2.70    0.001L

                      MAXIMUM                    4      6.28     0.050      65.0     22.00      1.75        12      3.30      2.70     0.001
           AVG OR GEOM MN (*)                    4      6.20     0.050      65.0     22.00      1.75        12      3.30      2.70    0.001D
                      MINIMUM                    4      6.12     0.050      65.0     22.00      1.75        12      3.30      2.70     0.001

                NO OF SAMPLES                    1         2         1         1         1         1         1         1         1         2

                                               203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ             TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH             ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS                 MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1000              .3                0.400    0.020L    0.010L    0.030L    0.005L     0.020              0.020L    0.020L        4.
31 10 78 1030              .3                0.300    0.020L     0.040    0.030L    0.005L     0.020     0.190    0.020L    0.020L        4.

                      MAXIMUM                0.400     0.020     0.040     0.030     0.005     0.020     0.190     0.020     0.020        4.
           AVG OR GEOM MN (*)                0.350    0.020D    0.025D    0.030D    0.005D     0.020     0.190    0.020D    0.020D        4.
                      MINIMUM                0.300     0.020     0.010     0.030     0.005     0.020     0.190     0.020     0.020        4.

                NO OF SAMPLES                    2         2         2         2         2         2         1         2         2         2

                                               452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ          GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH                 DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS                PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1000              .3                  15.        2.       15.        3.     10. L
31 10 78 1030              .3                  13.        3.       13.        2.     10. L

                      MAXIMUM                  15.        3.       15.        3.       10.
           AVG OR GEOM MN (*)                  14.        2.       14.        2.     10. D
                      MINIMUM                  13.        2.       13.        2.       10.

                NO OF SAMPLES                    2         2         2         2         2


 B.O.W./ SITE: SERPENT HARBOUR                                                                  STATION ID:  14-0019-038-01
 SAMPLE POINT: NEAR HOSPITAL POINT 08 2
 STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                         002
                                                         TERM STREAM: SERPENT RIVER                                      8040

STN NO:     38    LAT:                  LONG:            U T M: 17 0370700.0 5117275.0 4    REGION: 05

                                               934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ            SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH                   NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N              N  ORGNC  N
               FEET      MTRS                          DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L            MG/L      MG/L

24 05 78 0900              .3                21808               0.006     0.001     0.262     0.570     0.005     1.340     1.607     0.308
31 10 78 1000              .3                21815       8.0     0.011     0.007     0.058     0.270     0.006     0.549     0.613     0.212




                      MAXIMUM                            8.0     0.011     0.007     0.262     0.570     0.006     1.340     1.607     0.308
           AVG OR GEOM MN (*)                            8.0     0.009     0.004     0.160     0.420     0.006     0.945     1.110     0.260
                      MINIMUM                            8.0     0.006     0.001     0.058     0.270     0.005     0.549     0.613     0.212

                NO OF SAMPLES                              1         2         2         2         2         2         2         2         2

                                                23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ           TOTAL N     TOTAL     SUSP.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                         SOLIDS    SOLIDS  O-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS                 MG/L      MG/L      MG/L  MG/L         UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 0900              .3                1.915      80.0       2.0        78       120      1.00       2.8      38.5
31 10 78 1000              .3                0.825                                     144      1.10       4.2      21.5      1.40       2.6

                      MAXIMUM                1.915      80.0       2.0        78       144      1.10       4.2      38.5      1.40       2.6
           AVG OR GEOM MN (*)                1.370      80.0       2.0        78       132      1.05       3.5      30.0      1.40       2.6
                      MINIMUM                0.825      80.0       2.0        78       120      1.00       2.8      21.5      1.40       2.6

                NO OF SAMPLES                    2         1         1         1         2         2         2         2         1         1

                                                52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ           TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH               AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS                 MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 0900              .3                           6.27                                                                        0.001L
31 10 78 1000              .3                   44      7.30     0.060      62.0     18.20      4.00        14      1.05      3.10     0.001

                      MAXIMUM                   44      7.30     0.060      62.0     18.20      4.00        14      1.05      3.10     0.001
           AVG OR GEOM MN (*)                   44      6.79     0.060      62.0     18.20      4.00        14      1.05      3.10    0.001D
                      MINIMUM                   44      6.27     0.060      62.0     18.20      4.00        14      1.05      3.10     0.001

                NO OF SAMPLES                    1         2         1         1         1         1         1         1         1         2

                                               203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ             TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH             ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS                 MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 0900              .3                0.240    0.020L    0.010L    0.030L    0.005L     0.020              0.020L    0.020L        2.
31 10 78 1000              .3                0.190    0.020L     0.040    0.030L    0.005L     0.010     0.026     0.020    0.020L     1.  L

                      MAXIMUM                0.240     0.020     0.040     0.030     0.005     0.020     0.026     0.020     0.020        2.
           AVG OR GEOM MN (*)                0.215    0.020D    0.025D    0.030D    0.005D     0.015     0.026    0.020D    0.020D     2.  D
                      MINIMUM                0.190     0.020     0.010     0.030     0.005     0.010     0.026     0.020     0.020        1.

                NO OF SAMPLES                    2         2         2         2         2         2         1         2         2         2

                                               452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ          GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH                 DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS                PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 0900              .3                  10.        1.       10.        2.     10. L
31 10 78 1000              .3                1.  L        2.        3.        2.     10. L

                      MAXIMUM                  10.        2.       10.        2.       10.
           AVG OR GEOM MN (*)                5.  D        1.        6.        2.     10. D
                      MINIMUM                   1.        1.        3.        2.       10.

                NO OF SAMPLES                    2         2         2         2         2
 B.O.W./ SITE: MCCARTHY LAKE                                                                    STATION ID:  14-0019-039-01
 SAMPLE POINT: AT WEST END 53 1
 STATION TYPE: LAKE                                                  MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                                     MINOR BASIN: LAKE HURON                                  002
                                                                     TERM STREAM: SERPENT RIVER                               8040

STN NO:     39     LAT:                LONG:                          U T M: 17 0385700.0 5131475.0 4    REGION: 05          MILEAGE:   25.40

                                       934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N              N  ORGNC  N
               FEET      MTRS                  DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L            MG/L      MG/L

24 05 78 1100              .3        21809               0.006     0.001     0.062     0.170     0.003     0.310     0.375     0.108
31 10 78 1110              .3        21818       7.0     0.006    0.001L     0.044     0.280     0.002     0.148     0.194     0.236

                      MAXIMUM                    7.0     0.006     0.001     0.062     0.280     0.003     0.310     0.375     0.236
           AVG OR GEOM MN (*)                    7.0     0.006    0.001D     0.053     0.225     0.003     0.229     0.285     0.172
                      MINIMUM                    7.0     0.006     0.001     0.044     0.170     0.002     0.148     0.194     0.108

                NO OF SAMPLES                      1         2         2         2         2         2         2         2         2

                                        23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL N     TOTAL     SUSP.  CALCUL         COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS  D-SOLIDS         25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS         MG/L      MG/L      MG/L  MG/L           UMHOS     UNITS                MG/L  SI MG/L       MG/L

24 05 78 1100              .3        0.483      74.0       1.5        72       110      0.40       5.6      32.5
31 10 78 1110              .3        0.430                                     117      0.90       6.2      33.5      0.60       1.8

                      MAXIMUM        0.483      74.0       1.5        72       117      0.90       6.2      33.5      0.60       1.8
           AVG OR GEOM MN (*)        0.457      74.0       1.5        72       114      0.65       5.9      33.0      0.60       1.8
                      MINIMUM        0.430      74.0       1.5        72       110      0.40       5.6      32.5      0.60       1.8

                NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1

                                        52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ   TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH       AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS         MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1100              .3                   6.52                                                                          0.001L
31 10 78 1110              .3           10      6.82     0.070      39.0     12.00      2.30        18      1.40      4.30     0.001

                      MAXIMUM           10      6.82     0.070      39.0     12.00      2.30        18      1.40      4.30     0.001
           AVG OR GEOM MN (*)           10      6.67     0.070      39.0     12.00      2.30        18      1.40      4.30    0.001D
                      MINIMUM           10      6.52     0.070      39.0     12.00      2.30        18      1.40      4.30     0.001

                NO OF SAMPLES            1         2         1         1         1         1         1         1         1         2

                                       203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH     ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1100              .3        0.120    0.020L     0.040    0.030L    0.005L     0.010              0.020L    0.020L     1.  L
31 10 78 1110              .3        0.300    0.020L     0.030    0.030L    0.005L     0.010     0.074    0.020L    0.020L     1.  L




                      MAXIMUM        0.300     0.020     0.040     0.030     0.005     0.010     0.074     0.020     0.020     1.
           AVG OR GEOM MN (*)        0.210    0.020D     0.035    0.030D    0.005D     0.010     0.074    0.020D    0.020D     1.  D
                      MINIMUM        0.120     0.020     0.030     0.030     0.005     0.010     0.074     0.020     0.020     1.

                NO OF SAMPLES            2         2         2         2         2         2         1         2         2         2

                                       452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH         DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS        PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1100              .3          5.        1.        6.        1.      10. L
31 10 78 1110              .3          1. L      1. L      3.        1. L    10. L

                      MAXIMUM          5.        1.        6.        1.      10.
           AVG OR GEOM MN (*)          3. D      1. D      4.        1. D    10. D
                      MINIMUM          1.        1.        3.        1.      10.

                NO OF SAMPLES            2         2         2         2         2


 B.O.W./ SITE: MCCARTHY LAKE                                                                    STATION ID:  14-0019-040-01
 SAMPLE POINT: AT SOUTH END 53 3
 STATION TYPE: LAKE                                                  MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                                     MINOR BASIN: LAKE HURON                                  002
                                                                     TERM STREAM: SERPENT RIVER                               8040

STN NO:     40     LAT:                LONG:                          U T M: 17 0388450.0 5129100.0 4    REGION: 05          MILEAGE:   22.80

                                       934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N              N  ORGNC  N
               FEET      MTRS                  DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L            MG/L      MG/L

24 05 78 1100              .3        21810               0.005    0.001L     0.353     0.630     0.006     1.740     2.099     0.277
31 10 78 1050              .3        21817       6.0     0.007     0.001     0.560     0.730     0.009     2.690     3.259     0.170

                      MAXIMUM                    6.0     0.007     0.001     0.560     0.730     0.009     2.690     3.259     0.277
           AVG OR GEOM MN (*)                    6.0     0.006    0.001D     0.457     0.680     0.008     2.215     2.679     0.224
                      MINIMUM                    6.0     0.005     0.001     0.353     0.630     0.006     1.740     2.099     0.170

                NO OF SAMPLES                      1         2         2         2         2         2         2         2         2

                                        23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL N     TOTAL     SUSP.  CALCUL         COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS  D-SOLIDS         25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS         MG/L      MG/L      MG/L  MG/L           UMHOS     UNITS                MG/L  SI MG/L       MG/L

24 05 78 1100              .3        2.376     103.0       1.7       101       153      1.00       3.3      49.0
31 10 78 1050              .3        3.429                                     190      1.00       3.7      64.0      1.40       2.3

                      MAXIMUM        3.429     103.0       1.7       101       190      1.00       3.7      64.0      1.40       2.3
           AVG OR GEOM MN (*)        2.903     103.0       1.7       101       172      1.00       3.5      56.5      1.40       2.3
                      MINIMUM        2.376     103.0       1.7       101       153      1.00       3.3      49.0      1.40       2.3

                NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1
```

(CONTD)

```
                                          52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS           MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1100              .3                     6.28                                                                        0.001L
31 10 78 1050              .3              6      6.42     0.060      65.0     23.00      1.75        10      3.40      3.20    0.001L

                      MAXIMUM              6      6.42     0.060      65.0     23.00      1.75        10      3.40      3.20    0.001
           AVG OR GEOM MN (*)              6      6.35     0.060      65.0     23.00      1.75        10      3.40      3.20    0.001D
                      MINIMUM              6      6.28     0.060      65.0     23.00      1.75        10      3.40      3.20    0.001

                NO OF SAMPLES              1         2         1         1         1         1         1         1         1         2

                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1100              .3          0.320    0.020L    0.010L    0.030L    0.005L     0.020              0.020L    0.020L     1.  L
31 10 78 1050              .3          0.400    0.020L     0.020    0.030L    0.005L     0.030     0.230    0.020L    0.020L     3.

                      MAXIMUM          0.400     0.020     0.020     0.030     0.005     0.030     0.230     0.020     0.020     3.
           AVG OR GEOM MN (*)          0.360    0.020D    0.015D    0.030D    0.005D     0.025     0.230    0.020D    0.020D     2.  D
                      MINIMUM          0.320     0.020     0.010     0.030     0.005     0.020     0.230     0.020     0.020     1.

                NO OF SAMPLES              2         2         2         2         2         2         1         2         2         2

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1100              .3            15.        3.       15.        4.    10.  L
31 10 78 1050              .3             9.        4.       13.        2.    10.  L

                      MAXIMUM            15.        4.       15.        4.    10.
           AVG OR GEOM MN (*)            12.        3.       14.        3.    10.  D
                      MINIMUM             9.        3.       13.        2.    10.

                NO OF SAMPLES              2         2         2         2         2


B.O.W./ SITE: HOUGH LAKE                                                                  STATION ID:  14-0019-041-01
SAMPLE POINT: CENTRE OF LAKE
STATION TYPE: LAKE                                   MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                       002
                                                     TERM STREAM: SERPENT RIVER                                    8040
STN NO:      41     LAT:              LONG:          U T M: 17 0385300.0 5140350.0 4     REGION: 05       MILEAGE:   35.30

                                         934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N              N  ORGNC  N
               FEET      MTRS                    DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L           MG/L      MG/L

24 05 78 1000              .3          21811               0.003    0.001L     0.239     0.330     0.001     0.195     0.435     0.091
31 10 78 1205              .3          21821       6.0     0.002    0.001L     0.194     0.250    0.001L     0.245     0.440     0.056



                      MAXIMUM                      6.0     0.003     0.001     0.239     0.330     0.001     0.245     0.440     0.091
           AVG OR GEOM MN (*)                      6.0     0.003    0.001D     0.217     0.290    0.001D     0.220     0.438     0.074
                      MINIMUM                      6.0     0.002     0.001     0.194     0.250     0.001     0.195     0.435     0.056

                NO OF SAMPLES                        1         2         2         2         2         2         2         2         2

                                          23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL     SUSP.  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS           MG/L      MG/L      MG/L  MG/L         UMHOS     UNITS                MG/L  SI MG/L       MG/L

24 05 78 1000              .3          0.526     114.0       0.4       114       175      0.30       1.4      70.0
31 10 78 1205              .3          0.496                                     180      0.90       1.5      70.0      1.80      12.8

                      MAXIMUM          0.526     114.0       0.4       114       180      0.90       1.5      70.0      1.80      12.8
           AVG OR GEOM MN (*)          0.511     114.0       0.4       114       178      0.60       1.5      70.0      1.80      12.8
                      MINIMUM          0.496     114.0       0.4       114       175      0.30       1.4      70.0      1.80      12.8

                NO OF SAMPLES              2         1         1         1         2         2         2         2         1         1

                                          52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS           MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1000              .3                     4.64                                                                        0.001L
31 10 78 1205              .3              0      4.31     0.140      61.0     21.00      2.00         2      0.90      1.60    0.001L

                      MAXIMUM              0      4.64     0.140      61.0     21.00      2.00         2      0.90      1.60    0.001
           AVG OR GEOM MN (*)              0      4.48     0.140      61.0     21.00      2.00         2      0.90      1.60    0.001D
                      MINIMUM              0      4.31     0.140      61.0     21.00      2.00         2      0.90      1.60    0.001

                NO OF SAMPLES              1         2         1         1         1         1         1         1         1         2

                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1000              .3          1.200    0.020L    0.010L    0.030L    0.005L     0.060              0.020L    0.020L     10.
31 10 78 1205              .3          1.400    0.020L     0.060    0.030L    0.005L     0.070     0.340    0.020L    0.020L     14.

                      MAXIMUM          1.400     0.020     0.060     0.030     0.005     0.070     0.340     0.020     0.020     14.
           AVG OR GEOM MN (*)          1.300    0.020D    0.035D    0.030D    0.005D     0.065     0.340    0.020D    0.020D     12.
                      MINIMUM          1.200     0.020     0.010     0.030     0.005     0.060     0.340     0.020     0.020     10.

                NO OF SAMPLES              2         2         2         2         2         2         1         2         2         2

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS          PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1000              .3            35.        5.       40.        4.    10.  L
31 10 78 1205              .3            54.     1.  L       33.     1.  L    11.

                      MAXIMUM            54.        5.       40.        4.    11.
           AVG OR GEOM MN (*)            44.     3.  D       36.     2.  D    10.  D
                      MINIMUM            35.        1.       33.        1.    10.

                NO OF SAMPLES              2         2         2         2         2
```

B.O.W./ SITE: FRESH WATER CANAL
SAMPLE POINT: FRESH WATER CANAL BEFORE NORDIC TREATMENT PLANT N 17
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER
STATION ID: 14-0019-042-02
STORET CODE: 02
002
8040

STN NO: 42 LAT: LONG: U T M: 17 0377800.0 5137500.0 4 REGION: 05 MILEAGE: 45.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
24 01 78	1630			.3		22024		8.0			30.500	33.500	0.001	5.900	36.401
27 02 78	1600			.3		22062		0.4			44.000	48.300	0.034	18.600	62.634
27 03 78	1330			.3		22090		1.2			49.000	49.000	0.060	15.700	64.760
28 04 78	1400			.3		22125			0.007	0.001L	15.200	17.000	0.075	5.020	20.295
23 05 78	1800			.3		22140			0.016		19.600	20.500	0.050	6.580	26.230
20 06 78	1800			.3		22170			0.032	0.001L	24.000	25.000	0.059	4.890	28.949
24 07 78	1800			.3		22201			0.016			40.700			
25 08 78	1800			.3		22232			0.014			11.000	0.060	12.700	
27 09 78	1400			.3		22264			0.012						
27 10 78	1800			.3		22295			0.018		19.800	20.000	0.082	7.970	27.852
28 11 78	1400			.3		22326	6		0.002	0.001L	28.0	29.2	0.033	10.5	38.533
27 12 78	1400			.3		22357	6		0.056	0.002					
MAXIMUM								8.0	0.056	0.002	49.000	49.000	0.082	18.600	64.760
AVG OR GEOM MN (*)								3.2	0.019	0.001D	28.763	29.420	0.050	9.762	38.207
MINIMUM								0.4	0.002	0.001	15.200	11.000	0.001	4.890	20.295
NO OF SAMPLES								3	9	4	8	10	9	9	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
24 01 78	1630			.3		3.000	39.401	2568.0	15.0	2553	2620	24.00	39.0	1675.0	6.20
27 02 78	1600			.3		4.300	66.934	2572.0	68.0	2504	2860	82.00	38.0	1575.0	5.90
27 03 78	1330			.3		0.000	64.760	2677.0	84.0	2593	2850	79.00	41.5	1590.0	6.00
28 04 78	1400			.3		1.800	22.095	1693.0	50.0	1643	1950	47.00	22.0	1024.0	
23 05 78	1800			.3		0.900	27.130	2123.0	38.0	2085	2350	27.00	30.0	1301.0	
20 06 78	1800			.3		1.000	29.949	2634.0	31.0	2603	2800	41.00	39.0	1524.0	
24 07 78	1800			.3				2726.0	30.0	2696	2930	17.00	30.5	1615.0	9.30
25 08 78	1800			.3			23.760	3151.0	50.0	3101	3000	25.00	43.0	1700.0	
27 09 78	1400			.3				2203.0	13.0	2190	2550		22.5	1405.0	
27 10 78	1800			.3		0.200	28.052	2060.0	47.0	2013	2300	48.00	28.0	1300.0	
28 11 78	1400			.3		1.200	39.733	2363.	45.	2318	2450	51.	31.	1475.	
27 12 78	1400			.3				757.0	7.0	750	950	3.40	15.0	493.0	
MAXIMUM						4.300	66.934	3151.0	84.0	3101	3000	82.00	43.0	1700.0	9.30
AVG OR GEOM MN (*)						1.550	37.979	2293.9	39.8	2254	2468	40.40	31.6	1389.8	6.85
MINIMUM						0.000	22.095	757.0	7.0	750	950	3.40	15.0	493.0	5.90
NO OF SAMPLES						8	9	12	12	12	12	11	12	12	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
24 01 78	1630			.3		147.0	1L	4.77	76.000	1449.0	320.00	158.00	70G	41.00	28.00
27 02 78	1600			.3		173.0	0	3.14	63.000	1462.0	330.00	155.00		42.00	56.00
27 03 78	1330			.3		205.0	0	3.35	63.000	1412.0	310.00	155.00	4	43.00	30.00
28 04 78	1400			.3		243.1	0	3.17	87.000	862.0	200.00	88.00	70G	24.00	16.00
23 05 78	1800			.3		312.0	0	3.51	52.000	1023.0	225.00	112.00	38	5.90	21.00
20 06 78	1800			.3		208.0	0	3.10	35.000	1367.0	316.00	150.00	21	43.70	14.00
24 07 78	1800			.3		350.0	0	2.91	70.000	1310.0	330.00	118.00	44	24.00	22.00
25 08 78	1800			.3		215.0	0	3.24	59.000	1487.0	340.00	155.00	28	45.00	22.00
27 09 78	1400			.3		590.0	0		350.000	890.0	195.00	98.00		23.00	16.00
27 10 78	1800			.3		237.0	0	3.13	104.000	940.0	190.00	113.00	88	15.00	45.00
28 11 78	1400			.3		271.	0	3.38	0.116	1139.	250.	125.		28.5	25.
27 12 78	1400			.3			20	6.89	1.300	477.0	148.00	26.00	22	10.50	10.00
MAXIMUM						590.0	20	6.89	350.000	1487.0	340.00	158.00	88	45.00	56.00
AVG OR GEOM MN (*)						268.3	20	3.69	80.035	1151.5	262.83	121.08	43U	28.80	25.42
MINIMUM						147.0	0	2.91	0.116	477.0	148.00	26.00	4	5.90	10.00
NO OF SAMPLES						11	12	11	12	12	12	12	9	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
24 01 78	1630			.3		42	0.002	6.800	0.020L	0.060	0.030L	0.005L	0.140	6.300	0.160
27 02 78	1600			.3		20	0.001	4.700	0.040L	0.060	0.030L	0.005L	0.130	6.600	0.130
27 03 78	1330			.3		24	0.001	5.100	0.040L	0.010	0.030L	0.005L	0.120	6.700	0.130
28 04 78	1400			.3			0.001	12.000	0.020L	0.120	0.030L	0.005L	0.140	5.100	0.180
23 05 78	1800			.3			0.001	12.	0.02 L	0.11	0.03 L	0.005L	0.17	6.800	0.22
20 06 78	1800			.3										8.600	
24 07 78	1800			.3			0.002	14.	0.02 L	0.15	0.20	0.005L	0.15	5.750	0.20
25 08 78	1800			.3										9.000	
27 09 78	1400			.3			0.001	11.000	0.030	0.140	0.070	0.005L	0.140	5.200	0.250
27 10 78	1800			.3			0.001	8.1	0.02 L	0.09	0.03 L	0.005L	0.13	6.000	0.10
28 11 78	1400			.3			0.002	9.400	0.020L	0.090	0.030L	0.005L	0.120	6.3	0.120
27 12 78	1400			.3			0.001L	0.480	0.020L	0.030	0.030L	0.005L	0.010L	0.350	0.020L
MAXIMUM						42	0.002	14.	0.040	0.15	0.20	0.005	0.17	9.000	0.250
AVG OR GEOM MN (*)						29	0.001D	8.358	0.025D	0.086	0.051D	0.005D	0.125D	6.058	0.151D
MINIMUM						20	0.001	0.480	0.020	0.010	0.030	0.005	0.010	0.350	0.020
NO OF SAMPLES						3	10	10	10	10	10	10	10	12	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
24 01 78 1630			.3		0.260						
27 02 78 1600			.3		0.200	11.	150.	10.	190.	5.	10. L
27 03 78 1330			.3		0.220	9.	220.	10.	215.	10.	90.
28 04 78 1400			.3		0.260	19.	400.	20.	190.	10.	130.
23 05 78 1800			.3		0.28	22.	280.	5.	140.	3.	190.
20 06 78 1800			.3			16.	68.	2.	110.	2.	78.
24 07 78 1800			.3		0.02 L	47.	750.	6.	370.	16.	270.
25 08 78 1800			.3			15.	220.	1.	120.	1.	86.
27 09 78 1400			.3		0.260	24.	1060.	2.	360.	4.	320.
27 10 78 1800			.3		0.15						
28 11 78 1400			.3		0.180	18.	320.	9.	140.	9.	120.
27 12 78 1400			.3		0.030L						
MAXIMUM					0.28	47.	1060.	20.	370.	16.	320.
AVG OR GEOM MN (*)					0.186D	20.	385.	7.	203.	6.	143. D
MINIMUM					0.02	9.	68.	1.	110.	1.	10.
NO OF SAMPLES					10	9	9	9	9	9	9

B.O.W./ SITE: NORTH NORDIC LAKE
SAMPLE POINT: NORDIC LAKE OUTLET AT EFFLUENT CANAL N 19
STATION TYPE: LAKE

STATION ID: 14-0019-043-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 43 LAT: LONG: U T M: 17 0377700.0 5137100.0 4 REGION: 05 MILEAGE: 44.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
24 01 78 1600			.3		22023		1.0	0.081	0.003	4.300	4.350	0.064	2.530	6.894
27 02 78 1200			.3		22061		1.0	0.086	0.001	5.500	5.500	0.063	3.050	8.613
27 03 78 1400			.3		22089		0.2	0.102	0.002	4.250	6.850	0.062	2.920	7.232
28 04 78 1330			.3		22126			0.015	0.001	4.550	4.900	0.040	2.210	6.800
23 05 78 1730			.3		22139			0.021	0.001	6.450	6.750	0.088	3.910	10.448
20 06 78 1730			.3		22169			0.026	0.001	6.500	6.600	0.042	2.860	9.402
24 07 78 1730			.3		22200			0.079			6.300			
25 08 78 1730			.3		22231			0.045	0.001L	1.340	1.850	0.041	0.700	2.081
27 09 78 1330			.3		22263			0.024						
27 10 78 1730			.3		22294			0.025	0.001L	8.200	8.200	0.089	3.960	12.249
28 11 78 1330			.3		22325	6		0.014	0.001	5.24	5.35	0.083	2.62	7.943
27 12 78 1330			.3		22356	6		0.060						
MAXIMUM							1.0	0.102	0.003	8.200	8.200	0.089	3.960	12.249
AVG OR GEOM MN (*)							0.7	0.048	0.001D	5.148	5.665	0.064	2.751	7.962
MINIMUM							0.2	0.014	0.001	1.340	1.850	0.040	0.700	2.081
NO OF SAMPLES							3	12	9	9	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78 1600			.3		0.050	6.944	703.0	10.0	693		4720	1.80	14.5	414.0
27 02 78 1200			.3		0.000	8.613	809.0	7.0	802		995	6.00	14.5	494.0
27 03 78 1400			.3		2.600	9.832	735.0	11.0	724		340	7.50	15.0	439.0
28 04 78 1330			.3		0.350	7.150	618.0	3.3	615		790	2.10	9.9	385.0
23 05 78 1730			.3		0.300	10.748	892.0	3.4	889		1050	2.50	14.0	548.0
20 06 78 1730			.3		0.100	9.502	1079.0	3.2	1076		1230	2.70	19.0	638.0
24 07 78 1730			.3				1125.0	9.8	1115		1250	5.00	18.5	705.0
25 08 78 1730			.3		0.510	2.591	230.0	15.0		215	330	4.90	7.2	145.0
27 09 78 1330			.3				451.0	8.2	443		600		14.0	241.0
27 10 78 1730			.3		0.000	12.249	1102.0	5.0	1097		1320	2.90	18.0	725.0
28 11 78 1330			.3		0.110	8.053	705.	4.5	700		890	3.5	12.5	462.
27 12 78 1330			.3				2398.0	40.0	2358		2675	3.90	32.0	1521.0
MAXIMUM					2.600	12.249	2398.0	40.0	2358	215	4720	7.50	32.0	1521.0
AVG OR GEOM MN (*)					0.447	8.409	903.9	10.0	956	215	1349	3.89	15.8	559.8
MINIMUM					0.000	2.591	230.0	3.2	443	215	330	1.80	7.2	145.0
NO OF SAMPLES					9	9	12	12	11	1	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
24 01 78 1600			.3		2.70	565.4	1L	2.51	2.000	440.0	135.00	25.00	5	10.50
27 02 78 1200			.3		2.65	10.7	15	6.56	1.400	488.0	150.00	27.50	30	12.00
27 03 78 1400			.3		2.55	5.0	14	6.02	1.740	438.0	130.00	27.50	25	10.60
28 04 78 1330			.3			2.2	12	7.42	0.400	372.0	118.00	20.50	20	8.20
23 05 78 1730			.3			5.0	9	7.62	0.650	458.0	174.00	24.50	18	2.20
20 06 78 1730			.3			6.4	7	6.60	0.550	502.0	195.00	36.50	12	14.40
24 07 78 1730			.3		2.00	10.2	8	6.11	1.600	647.0	195.00	0.39	30	15.00
25 08 78 1730			.3			5.8	13	6.55	2.100	139.0	40.00	9.50	40	3.65
27 09 78 1330			.3			9.7	14		1.200	251.0	75.00	15.50		6.00
27 10 78 1730			.3			5.2	16	7.94	1.000	612.0	180.00	39.50	26	1.55
28 11 78 1330			.3			6.0	19	6.55	1.3		130.		28	10.
27 12 78 1330			.3				0	3.04	105.000	1204.0	276.00	125.00	11	1.65
MAXIMUM					2.70	565.4	19	7.94	105.000	1204.0	276.00	125.00	40	15.00
AVG OR GEOM MN (*)					2.48	57.4	11D	6.08	9.912	504.6	149.83	31.95	22	7.98
MINIMUM					2.00	2.2	0	2.51	0.400	139.0	40.00	0.39	5	1.55
NO OF SAMPLES					4	11	12	11	12	11	12	11	11	12

(C O N T D)

B.O.W./ SITE: NORTH NORDIC LAKE
SAMPLE POINT: NORDIC LAKE OUTLET AT EFFLUENT CANAL N 19
STATION TYPE: LAKE

STATION ID: 14-0019-043-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 43 LAT: LONG: U T M: 17 0377700.0 5137100.0 4 REGION: 05 MILEAGE: 44.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
24 01 78 1600			.3		11.00	35	0.001	0.380	0.020L	0.030	0.030L	0.005L	0.010	0.580
27 02 78 1200			.3		12.00	26	0.001L	0.440	0.020L	0.020	0.030L	0.005L	0.010	0.580
27 03 78 1400			.3		12.00	20	0.001	0.740	0.040L	0.060	0.030L	0.005L	0.040	0.580
28 04 78 1330			.3		7.40		0.001	0.350	0.020L	0.020	0.030L	0.005L	0.020	0.300
23 05 78 1730			.3		10.00		0.001L	0.26	0.02 L	0.06	0.03 L	0.005L	0.02	0.490
20 06 78 1730			.3		11.00									0.765
24 07 78 1730			.3		14.00		0.001	0.53	0.02 L	0.04	0.03 L	0.005L	0.01 L	0.740
25 08 78 1730			.3		5.40									0.470
27 09 78 1330			.3		10.00		0.001	0.760	0.020L	0.030	0.030L	0.005L	0.040	0.460
27 10 78 1730			.3		13.50		0.001	0.41	0.02 L	0.03	0.03 L	0.005L	0.02	0.470
28 11 78 1330			.3		10.		0.001	0.600	0.020L	0.050	0.030L	0.005L	0.020	0.33
27 12 78 1330			.3				0.001	6.800	0.020L	0.100	0.030L	0.005L	0.120	6.400
MAXIMUM					14.00	35	0.001	6.800	0.040	0.100	0.030	0.005	0.120	6.400
AVG OR GEOM MN (*)					10.57	27	0.001D	1.127	0.022D	0.044	0.030D	0.005D	0.031D	1.014
MINIMUM					5.40	20	0.001	0.26	0.020	0.020	0.030	0.005	0.010	0.300
NO OF SAMPLES					11	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
24 01 78 1600			.3		0.030	0.020L						
27 02 78 1200			.3		0.020L	0.020L	2.	10.	10.	20.	5.	10. L
27 03 78 1400			.3		0.020L	0.020L	7.	10.	10.	20.	10.	10. L
28 04 78 1330			.3		0.020L	0.030L	3.	15.	5.	15.	5.	10. L
23 05 78 1730			.3		0.02 L	0.02 L	4.	10.	10.	15.	5.	10. L
20 06 78 1730			.3				2.	8.	13.	77.	9.	10. L
24 07 78 1730			.3		0.04	0.02 L	2.	5.	17.	16.	8.	10. L
25 08 78 1730			.3				4.	10.	17.	15.	7.	10. L
27 09 78 1330			.3		0.020	0.020L	2.	11.	6.	15.	5.	10. L
27 10 78 1730			.3		0.02 L	0.02 L						
28 11 78 1330			.3		0.020L	0.020L	6.	8.	9.	11.	5.	10. L
27 12 78 1330			.3		0.120	0.180						
MAXIMUM					0.120	0.180	7.	15.	17.	77.	10.	10.
AVG OR GEOM MN (*)					0.033D	0.037D	4.	9.	10.	22.	6.	10. D
MINIMUM					0.020	0.020	2.	5.	5.	11.	5.	10.
NO OF SAMPLES					10	10	9	9	9	9	9	9

B.O.W./ SITE: WESTNER LAKE
SAMPLE POINT: AT SKI CLUB ROAD N 15
STATION TYPE: LAKE

STATION ID: 14-0019-044-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 44 LAT: LONG: U T M: 17 0374975.0 5137700.0 4 REGION: 05 MILEAGE: 47.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
23 01 78 1730			.3		22021		0.5			0.490	0.630	0.001L	0.135	0.626
23 02 78 1830			.3		22058		0.2	0.003	0.001L	0.600	0.740	0.002	0.203	0.805
27 03 78 1430			.3		22087		0.2	0.001L	0.001L	0.680	0.760	0.002	0.235	0.917
28 04 78 1600			.3		22127			0.008	0.001L	0.116	0.280	0.001	0.230	0.347
24 05 78 1900			.3		22149			0.005	0.001	0.126	0.320	0.003	0.137	0.266
20 06 78 1500			.3		22179			0.010	0.001	0.042	0.270	0.003	0.050	0.095
24 07 78 1500			.3		22210			0.024			0.620			
25 08 78 1400			.3		22241			0.912	0.002	0.166	1.120	0.006	0.020	0.192
28 09 78 1330			.3		22273			0.004						
28 10 78 1400			.3		22304			0.007	0.001L	0.271	0.390	0.002	0.178	0.451
29 11 78 1730			.3		22335	6		0.006		0.650	0.72	0.004	0.226	0.880
28 12 78 1330			.3		22366	6		0.003	0.001					
MAXIMUM							0.5	0.912	0.002	0.680	1.120	0.006	0.235	0.917
AVG OR GEOM MN (*)							0.3	0.089D	0.001D	0.349	0.585	0.003D	0.157	0.509
MINIMUM							0.2	0.001	0.001	0.042	0.270	0.001	0.020	0.095
NO OF SAMPLES							3	11	8	9	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
23 01 78 1730			.3		0.140	0.766	245.0	5.3		240	369	5.20	33.5	109.0
23 02 78 1830			.3		0.140	0.945	233.0	4.4		229	353	2.80	34.0	108.0
27 03 78 1430			.3		0.080	0.997	307.0	10.0	297		450	4.30	59.0	111.0
28 04 78 1600			.3		0.164	0.511	138.0	1.6		136	210	1.30	29.5	40.5
24 05 78 1900			.3		0.194	0.460	219.0	1.0		218	335	0.70	26.0	101.0
20 06 78 1500			.3		0.228	0.323	246.0	2.1		244	375	0.50	53.0	88.0
24 07 78 1500			.3				278.0	4.6		273	420	3.10	80.0	55.0
25 08 78 1400			.3		0.954	1.146	252.0	9.2		243	374	13.00	85.0	41.5
28 09 78 1330			.3				234.0	3.0		231	355		62.0	58.0
28 10 78 1400			.3		0.119	0.570	219.0	1.0		218	335	0.80	28.5	105.0
29 11 78 1730			.3		0.070	0.950	263.	0.4		263	405	0.9	13.5	150.
28 12 78 1330			.3				288.0	5.0		283	435	3.80	22.5	148.0
MAXIMUM					0.954	1.146	307.0	10.0	297	283	450	13.00	85.0	150.
AVG OR GEOM MN (*)					0.232	0.741	243.5	4.0	297	234	368	3.31	43.9	92.9
MINIMUM					0.070	0.323	138.0	0.4	297	136	210	0.50	13.5	40.5
NO OF SAMPLES					9	9	12	12	1	11	12	11	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
23 01 78 1730			.3		4.50	34.3	1L	4.03	1.500	98.0	26.00	8.00	30	1.85
23 02 78 1830			.3		4.75	17.9	2	4.89	0.600	106.0	30.00	7.50	10	1.95
27 03 78 1430			.3		4.40	12.5	2	5.14	0.440	122.0	35.00	8.50	5	2.30
28 04 78 1600			.3			6.0	1	4.93	0.170	45.0	13.60	3.00	5	1.25
24 05 78 1900			.3			0.0	D	4.10	0.350	87.0	25.00	6.00	7	1.90
20 06 78 1500			.3			12.5	0	4.64	0.230	87.0	25.00	6.00	11	1.95
24 07 78 1500			.3		1.20	5.5	2	6.07	4.000	74.0	21.40	4.90	67	2.05
25 08 78 1400			.3			6.7	6	6.05	4.400	60.0	16.80	4.50	168	2.20
28 09 78 1330			.3			2.6	16		0.540	71.0	20.00	5.00		2.75
28 10 78 1400			.3			0.8	0	4.48	0.120	97.0	28.00	6.50	10	2.40
29 11 78 1730			.3			54.7	0	3.67	1.6	103.	29.	7.5	7	2.30
28 12 78 1330			.3				0	3.70	1.800	113.0	32.00	8.00	12	2.90
MAXIMUM					4.75	54.7	16	6.07	4.400	122.0	35.00	8.50	168	2.90
AVG OR GEOM MN (*)					3.71	14.0	3D	4.70	1.313	88.6	25.15	6.28	30	2.15
MINIMUM					1.20	D.0	0	3.67	0.120	45.0	13.60	3.00	5	1.25
NO OF SAMPLES					4	11	12	11	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
23 01 78 1730			.3		20.00	26	0.001L	3.400	0.020L	0.020	0.030L	0.005L	0.040	1.200
23 02 78 1830			.3		21.00	20	0.001L	0.880	0.020L	0.010L	0.030L	0.005L	0.050	1.300
27 03 78 1430			.3		34.00	24	0.001	1.300	0.040L	0.010	0.030L	0.005L	0.050	1.140
28 04 78 1600			.3		17.00		0.001L	0.780	0.020L	0.020	0.030L	0.005L	0.040	0.330
24 05 78 1900			.3		16.00		0.001L	2.9	D.02 L	0.03	0.03 L	0.005L	0.04	0.740
20 06 78 1500			.3		31.00									0.855
24 07 78 1500			.3		46.00		0.002	0.30	0.04 L	0.05	0.03 L	0.005L	0.02	0.620
25 08 78 1400			.3		39.00									0.550
28 09 78 1330			.3		36.00		0.001	0.640	0.020L	0.030	0.030L	0.005L	0.020	0.152
28 10 78 1400			.3		18.00		0.001L	1.9	0.02 L	0.02	0.03 L	0.005L	0.04	0.920
29 11 78 1730			.3		8.5		0.001	6.400	0.020L	0.040	0.030L	0.005L	0.080	1.1
28 12 78 1330			.3		14.50		0.001L	5.700	0.020L	0.050	0.030L	0.005L	0.080	1.200
MAXIMUM					46.00	26	0.002	6.400	0.040	0.05	0.030	0.005	0.080	1.300
AVG OR GEOM MN (*)					25.08	23	0.001D	2.420	0.024D	0.028D	0.030D	0.005D	0.046	0.842
MINIMUM					8.5	20	0.001	0.30	0.020	0.010	0.030	0.005	0.02	0.152
NO OF SAMPLES					12	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 01 78 1730			.3		0.040	0.040						
23 02 78 1830			.3		0.040	0.020L	2.	35.	2.	20.	2.	10. L
27 03 78 1430			.3		0.040	0.060	2.	15.	2.	15.	1.	10. L
28 04 78 1600			.3		0.020L	0.030L	1.	5.	1. L	10.	1. L	10. L
24 05 78 1900			.3		0.04	0.03	3.	15.	2.	15.	1.	10. L
20 06 78 1500			.3				3.	8.	1. L	14.	1. L	10. L
24 07 78 1500			.3		0.02 L	0.02 L	1.	3.	1.	5.	2.	10. L
25 08 78 1400			.3				1.	7.	1. L	9.	1. L	10. L
28 09 78 1330			.3		0.020L	0.020L	1. L	1.	1.	6.	1.	10. L
28 10 78 1400			.3		0.02 L	0.02 L						
29 11 78 1730			.3		0.050	0.070	5.	43.	1. L	22.	1.	11.
28 12 78 1330			.3		0.060	0.080						
MAXIMUM					0.060	0.080	5.	43.	2.	22.	2.	11.
AVG OR GEOM MN (*)					0.0350	0.0390	2. D	14.	1. D	12.	1. D	10. D
MINIMUM					0.020	0.020	1.	1.	1.	5.	1.	10.
NO OF SAMPLES					10	10	9	9	9	9	9	9

B.O.W./ SITE: PRONTO DITCH
SAMPLE POINT: OUTLET BELOW PRONTO TREATMENT PLANT PR 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-046-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 46 LAT: LONG: U T M: 17 0367950.0 5117950.0 4 REGION: 05 MILEAGE: 1.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	1 5-DAY BOD MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
18 01 78 1530			.3		22001	0.4	0.001L	0.650	0.850	0.003	0.082	0.735	0.200	0.935
MAXIMUM						0.4	0.001	0.650	0.850	0.003	0.082	0.735	0.200	0.935
AVG OR GEOM MN (*)						0.4	0.001D	0.650	0.850	0.003	0.082	0.735	0.200	0.935
MINIMUM						0.4	0.001	0.650	0.850	0.003	0.082	0.735	0.200	0.935
NO OF SAMPLES						1	1	1	1	1	1	1	1	1

(C O N T D)

```
 B.O.W./ SITE: PRONTO DITCH                                                                    STATION ID:  14-0019-046-09
SAMPLE POINT: OUTLET BELOW PRONTO TREATMENT PLANT PR 4
STATION TYPE: INDUSTRIAL PROCESS                          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                        002
                                                          TERM STREAM: SERPENT RIVER                                     8040

STN NO:     46     LAT:              LONG:                U T M: 17 0367950.0 5117950.0 4    REGION: 05            MILEAGE:    1.10

                                         5         6         7        14        16        56        59       280        95        52
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL     SUSP.     DISS.     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK
DY MO YR LMT    DIST BRG DEPTH       SOLIDS    SOLIDS    SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB
                FEET        MTRS       MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L

19 01 78 1530                 .3     1101.0     215.0       886      1485     87.00      14.5     467.0      1.45       0.0       366

                       MAXIMUM       1101.0     215.0       886      1485     87.00      14.5     467.0      1.45       0.0       366
              AVG OR GEOM MN (*)     1101.0     215.0       886      1485     87.00      14.5     467.0      1.45       0.0       366
                       MINIMUM       1101.0     215.0       886      1485     87.00      14.5     467.0      1.45       0.0       366

                 NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                        55       208        76        72        74        67        66        41       255       203
SAMP DTE HOUR   STN  STN SAMP  PJ        PH     TOTAL    CALCUL     TOTAL  TOT. MAG   PTSSIUM    SODIUM       COD     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH       AT LAB      IRON  HARDNESS   CALCIUM    NESIUM         K        NA             ARSENIC  ALUMINUM
                FEET        MTRS                 MG/L      MG/L      MG/L    . MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 01 78 1530                 .3      11.35    31.000     600.0    240.00      0.15      3.10      9.90        38    0.001L       7.4

                       MAXIMUM        11.35    31.000     600.0    240.00      0.15      3.10      9.90        38    0.001        7.4
              AVG OR GEOM MN (*)      11.35    31.000     600.0    240.00      0.15      3.10      9.90        38    0.001D       7.4
                       MINIMUM        11.35    31.000     600.0    240.00      0.15      3.10      9.90        38    0.001        7.4

                 NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                       221       225       229       215       249       201       238       217
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH     CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
                FEET        MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 01 78 1530                 .3     0.02 L    0.54      0.03 L    0.005L    0.09      0.860     0.06      0.41

                       MAXIMUM       0.02      0.54      0.03      0.005     0.09      0.860     0.06      0.41
              AVG OR GEOM MN (*)     0.02 D    0.54      0.03 D    0.005D    0.09      0.860     0.06      0.41
                       MINIMUM       0.02      0.54      0.03      0.005     0.09      0.860     0.06      0.41

                 NO OF SAMPLES            1         1         1         1         1         1         1         1
```

```
 B.O.W./ SITE: PRONTO DITCH                                                                    STATION ID:  14-0019-047-02
SAMPLE POINT: AT FEED TO PRONTO TREATMENT PLANT PR 2
STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                        002
                                                          TERM STREAM: SERPENT RIVER                                     8040

STN NO:     47     LAT:              LONG:                U T M: 17 0368350.0 5118300.0 4    REGION: 05            MILEAGE:    1.40

                                       934         1        19        20        21        22        17        18        23         5
SAMP DTE HOUR   STN  STN SAMP  PJ    SAMPLE     5-DAY  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT    DIST BRG DEPTH           NO       BOD  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS
                FEET        MTRS                 MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L

19 01 78 1500                 .3      22000       0.6     0.650     0.800     0.006    0.005L     0.661     0.150     0.811     752.0

                       MAXIMUM                    0.6     0.650     0.800     0.006    0.005      0.661     0.150     0.811     752.0
              AVG OR GEOM MN (*)                  0.6     0.650     0.800     0.006    0.005D     0.661     0.150     0.811     752.0
                       MINIMUM                    0.6     0.650     0.800     0.006    0.005      0.661     0.150     0.811     752.0

                 NO OF SAMPLES                      1         1         1         1         1         1         1         1         1

                                         6         7        14        16        56        59       280        95        52        55
SAMP DTE HOUR   STN  STN SAMP  PJ     SUSP.     DISS.     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH
DY MO YR LMT    DIST BRG DEPTH       SOLIDS    SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB
                FEET        MTRS       MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L

19 01 78 1500                 .3        5.6       746      1255      5.40      12.0     475.0      7.70     191.0        1L      3.01

                       MAXIMUM          5.6       746      1255      5.40      12.0     475.0      7.70     191.0        1       3.01
              AVG OR GEOM MN (*)        5.6       746      1255      5.40      12.0     475.0      7.70     191.0        1D      3.01
                       MINIMUM          5.6       746      1255      5.40      12.0     475.0      7.70     191.0        1       3.01

                 NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                       208        76        72        74        68        67        66        41       265       203
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH         IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA             ARSENIC  ALUMINUM
                FEET        MTRS       MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L

19 01 78 1500                 .3     27.000     328.0     86.00     27.50        20      3.15     10.00        34    0.001L       9.8

                       MAXIMUM       27.000     328.0     86.00     27.50        20      3.15     10.00        34    0.001        9.8
              AVG OR GEOM MN (*)     27.000     328.0     86.00     27.50        20      3.15     10.00        34    0.001D       9.8
                       MINIMUM       27.000     328.0     86.00     27.50        20      3.15     10.00        34    0.001        9.8

                 NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                       221       225       229       215       249       201       238       217
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH     CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
                FEET        MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 01 78 1500                 .3     0.02 L    0.84      0.03 L    0.005L    0.16      1.200     0.08      0.72

                       MAXIMUM       0.02      0.84      0.03      0.005     0.16      1.200     0.08      0.72
              AVG OR GEOM MN (*)     0.02 D    0.84      0.03 D    0.005D    0.16      1.200     0.08      0.72
                       MINIMUM       0.02      0.84      0.03      0.005     0.16      1.200     0.08      0.72

                 NO OF SAMPLES            1         1         1         1         1         1         1         1
```

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 25 OCT 79 PAGE 401

B.O.W./ SITE: CROTCH LAKE
SAMPLE POINT: FEED TO TREATEMENT PLANT NEAR CROTCH LAKE CL 1
STATION TYPE: LAKE

STATION ID: 14-0019-048-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 48 LAT: LONG: U T M: 17 0376000.0 5141575.0 4 REGION: 05 MILEAGE: 46.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
23 02 78 1700			.3		22053		15.0	0.010		2.850	3.400	0.100	0.387	3.337
31 03 78 1500			.3		22094		28.0		0.003	4.950	5.550	0.400	0.180	5.530
30 06 78 1600			.3		22184				0.003	9.900	15.500	2.150		
24 07 78 1700			.3		22215			0.125			24.000			
25 08 78 1600			.3		22246			0.760		22.800	23.500	1.700		
28 09 78 1100			.3		22278			0.175						
28 10 78 1600			.3		22309			0.168	0.012	2.150	2.720			
30 11 78 1500			.3		22340	6		0.020	0.018		9.5	0.073	0.012	
28 12 78 1100			.3		22371	6		0.012						
MAXIMUM							28.0	0.760	0.018	22.800	24.000	2.150	0.387	5.530
AVG OR GEOM MN (*)							21.5	0.181	0.009	8.530	12.024	0.885	0.193	4.434
MINIMUM							15.0	0.010	0.003	2.150	2.720	0.073	0.012	3.337
NO OF SAMPLES							2	7	4	5	7	5	3	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
23 02 78 1700			.3		0.550	3.887	1791.0	55.0	1736	2170	33.00	5.2		6.50
31 03 78 1500			.3		0.600	6.130	3237.0	18.0	3219	2680	26.00	9.2	1692.0	7.30
30 06 78 1600			.3		5.600		6993.0	45.0	6948	4550	18.00	13.0	3250.0	
24 07 78 1700			.3				17565.0	169.0	17396	9100	85.00	32.5	8350.0	40.00
25 08 78 1600			.3		0.700		19788.0	41.0	19747	8700	40.00	41.5	8625.0	
28 09 78 1100			.3				1514.0	17.0	1497	1900		4 9	916.0	
28 10 78 1600			.3		0.570		1525.0	58.0	1467	1650	45.00	5.0	875.0	
30 11 78 1500			.3			9.585	6907.	90.	6817	4800	6.9	11.	3600.	
28 12 78 1100			.3				1270.0	203.0	1067	1800	71.00	4.6	656.0	
MAXIMUM					5.600	9.585	19788.0	203.0	19747	9100	85.00	41.5	8625.0	40.00
AVG OR GEOM MN (*)					1.604	6.534	6732.2	77.3	6655	4150	40.61	14.1	3495.5	17.93
MINIMUM					0.550	3.887	1270.0	17.0	1067	1650	6.9	4.6	656.0	6.50
NO OF SAMPLES					5	3	9	9	9	9	8	9	8	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L
23 02 78 1700			.3		824.0	0	2.82	310.000	363.0	96.00	30.00		10.90	7.00
31 03 78 1500			.3		1430.0	0	2.90	680.000	472.0	110.00	48.00	4	16.00	12.00
30 06 78 1600			.3		2286.0	0	2.56	7600.000	965.0	230.00	95.00	7600	22.50	3.80
24 07 78 1700			.3		7900.0	0	2.62	200.000	1958.0	470.00	190.00	4760	47.00	39.00
25 08 78 1600			.3		7770.0	0	2.82	6000.000	2183.0	490.00	233.00		49.00	43.00
28 09 78 1100			.3		928.0	0		225.000	297.0	91.00	17.00		6.40	6.00
28 10 78 1600			.3		815.0	0	2.57	235.000	313.0	84.00	25.00	1129	9.20	8.00
30 11 78 1500			.3		3177.	0	3.02	1360.	733.	170.	75.	384	2.45	14.5
28 12 78 1100			.3			0	2.69	195.000	328.0	105.00	16.00		7.00	6.50
MAXIMUM					7900.0	0	3.02	7600.000	2183.0	490.00	233.00	7600	49.00	43.00
AVG OR GEOM MN (*)					3141.3	0	2.75	1867.222	845.8	205.11	81.00	2775	18.94	15.53
MINIMUM					815.0	0	2.56	195.000	297.0	84.00	16.00	4	2.45	3.80
NO OF SAMPLES					8	9	8	9	9	9	9	5	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
23 02 78 1700			.3		12	0.015	4.800	0.020L	0.100	0.120	0.005L	0.070	4.400	0.230
31 03 78 1500			.3		70	0.036	16.000	0.040	0.200	0.080	0.005L	0.050	5.400	0.400
30 06 78 1600			.3			0.028	17.	0.07	0.22	0.03 L	0.005L	0.14	10.400	0.67
24 07 78 1700			.3			0.25	53.	0.40	0.50	0.15 L	0.025L	0.25	19.400	1.8
25 08 78 1600			.3										22.000	
28 09 78 1100			.3			0.038	10.000	0.020	0.120	0.190	0.005L	0.070	2.400	0.190
28 10 78 1600			.3			0.022	8.0	0.02 L	0.08	0.09	0.005L	0.05	3.200	0.15
30 11 78 1500			.3			0.093	18.000	0.060	0.140	0.150	0.005L	0.100	8.8	0.600
28 12 78 1100			.3			0.015	7.200	0.020	0.080	0.130	0.005L	0.080	2.600	0.130
MAXIMUM					70	0.25	53.	0.40	0.50	0.190	0.025	0.25	22.000	1.8
AVG OR GEOM MN (*)					41	0.062	16.750	0.081D	0.180	0.118D	0.008D	0.101	8.733	0.521
MINIMUM					12	0.015	4.800	0.020	0.08	0.03	0.005	0.050	2.400	0.130
NO OF SAMPLES					2	8	8	8	8	8	8	8	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
23 02 78 1700			.3		0.200	12.	720.	15.	460.	15.	135.
31 03 78 1500			.3		0.350	40.	1800.	10.	600.	5.	380.
30 06 78 1600			.3		0.63		603.	41.	406.	19.	430.
24 07 78 1700			.3		2.0	1.	2000.	402.	990.	387.	440.
25 08 78 1600			.3			1. L	620.	180.	12.	150.	420.
28 09 78 1100			.3		0.190	95.	1060.	10.	410.	13.	180.
28 10 78 1600			.3		0.18						
30 11 78 1500			.3		0.520	62.	1140.	9.	470.	46.	300.
28 12 78 1100			.3		0.160						
MAXIMUM					2.0	95.	2000.	402.	990.	387.	440.
AVG OR GEOM MN (*)					0.529	35. D	1134.	95.	478.	90.	326.
MINIMUM					0.160	1.	603.	9.	12.	5.	135.
NO OF SAMPLES					8	6	7	7	7	7	7

STATION ID: 14-0019-049-02

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT QUIRKE LAKE OUTLET 26 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 49 LAT: LONG: U T M: 17 0385725.0 5149050.0 4 REGION: 05 MILEAGE: 48.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
29 01 78 1630			.3		22035		124.00	0.5	0.001L	0.001L	1.170	1.320	0.014	3.010
21 02 78 1700			.3		22051		78.50	0.2	0.001L	0.001L	1.790	1.860	0.034	4.860
27 03 78 1800			.3		22101		81.80	0.2	0.001	0.001	0.940	1.150	0.001	2.500
29 04 78 1700			.3		22129		295.00		0.005	0.001	2.010	2.320	2.030	3.470
26 05 78 1800			.3		22155		391.00		0.004	0.001	2.600	4.500	0.048	8.290
18 06 78 1800			.3		22186		162.00		0.007	0.001	2.950	2.950	0.046	7.580
23 07 78 1000			.3		22217		105.00		0.002			3.300		
24 08 78 1000			.3		22248		57.00		0.010	0.001L	2.800	2.900	0.053	7.850
28 09 78 1700			.3		22280		132.00		0.006					
28 10 78 1000			.3		22311		259.00		0.013		2.440	2.440	0.044	3.460
30 11 78 1600			.3		22342	6	171.00		0.033	0.001	2.42	2.70	0.029	7.97
28 12 78 1700			.3		22373	6	126.00		0.008	0.001				
MAXIMUM							391.00	0.5	0.033	0.001	2.950	4.500	2.030	8.290
AVG OR GEOM MN (*)							165.19	0.3	0.0080	0.001D	2.124	2.544	0.255	5.443
MINIMUM							57.00	0.2	0.001	0.001	0.940	1.150	0.001	2.500
NO OF SAMPLES							12	3	12	9	9	10	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
29 01 78 1630			.3		4.194	0.150	4.344	142.0	3.9	138	213	2.90	2.6	76.0
21 02 78 1700			.3		6.684	0.070	6.754	193.0	1.4	192	295	2.60	3.8	115.0
27 03 78 1800			.3		3.441	0.210	3.651	125.0	3.1	122	182	2.50	2.3	60.0
29 04 78 1700			.3		7.510	0.310	7.820	207.0	2.3	205	315	1.20	4.3	112.0
26 05 78 1800			.3		10.938	1.900	12.838	241.0	1.2	240	370	0.50	2.0	5.4
18 06 78 1800			.3		10.576	0.000	10.576	255.0	1.8	253	390	0.90	5.7	140.0
23 07 78 1000			.3					265.0	2.5	263	405	0.50	6.1	164.0
24 08 78 1000			.3		10.703	0.100	10.803	268.0	2.0	266	410	1.10	6.5	151.0
28 09 78 1700			.3					243.0	2.3	241	370		5.8	137.0
28 10 78 1000			.3		5.944	0.000	5.944	251.0	1.0	250	385	2.10	5.7	135.0
30 11 78 1600			.3		10.419	0.280	10.699	271.	1.1	270	415	0.9	6.0	147.
28 12 78 1700			.3					174.0	2.0	172	265	1.80	4.1	93.0
MAXIMUM					10.938	1.900	12.838	271.	3.9	270	415	2.90	6.5	164.0
AVG OR GEOM MN (*)					7.823	0.336	8.159	219.6	2.1	218	335	1.55	4.6	111.3
MINIMUM					3.441	0.000	3.651	125.0	1.0	122	182	0.50	2.0	5.4
NO OF SAMPLES					9	9	9	12	12	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
29 01 78 1630			.3		2.00	3.7	2	5.76	0.780	74.0	27.00	1.70	30	4.05
21 02 78 1700			.3		1.70	6.2	4	5.98	0.270	113.0	42.00	2.00	15	6.20
27 03 78 1800			.3		2.10	5.1	2	5.20	0.540	62.0	22.00	1.65	25	3.10
29 04 78 1700			.3			4.4	3	5.41	0.220	115.0	43.00	1.90	15	7.10
26 05 78 1800			.3		135.00	3.9	5	5.79	0.150	143.0	54.00	2.10	4	8.70
18 06 78 1800			.3			5.4	2	5.64	0.090	149.0	56.00	2.20	7	9.20
23 07 78 1000			.3		1.35	4.7	2	6.00	0.900	159.0	58.00	3.45	70	9.80
24 08 78 1000			.3			4.0	3	5.54	0.280	161.0	61.00	2.20	4	10.20
28 09 78 1700			.3			2.7	4		0.110	141.0	53.00	2.00		8.40
28 10 78 1000			.3			3.7	2	5.96	0.110	138.0	52.00	2.00	8	9.00
30 11 78 1600			.3			3.9	5	5.19	0.09	160.	60.	2.0	5	11.
28 12 78 1700			.3				6	6.69	0.210	102.0	38.00	1.65	10	5.25
MAXIMUM					135.00	6.2	6	6.69	0.900	161.0	61.00	3.45	70	11.
AVG OR GEOM MN (*)					28.43	4.3	3	5.74	0.313	126.4	47.17	2.07	17	7.67
MINIMUM					1.35	2.7	2	5.19	0.090	62.0	22.00	1.65	4	3.10
NO OF SAMPLES					5	11	12	11	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
29 01 78 1630			.3		2.30	21	0.001L	0.690	0.020L	0.020	0.030L	0.005L	0.030	0.200
21 02 78 1700			.3		2.80	18	0.001L	0.250	0.020L	0.100	0.030L	0.005L	0.030	0.260
27 03 78 1800			.3		1.90	29	0.001	0.500	0.040L	0.040	0.030L	0.005L	0.020	0.160
29 04 78 1700			.3		3.00		0.001	0.350	0.020L	0.050	0.030L	0.005L	0.030	0.290
26 05 78 1800			.3		3.90		0.001L	0.59	0.02 L	0.03	0.03 L	0.005L	0.02	0.365
18 06 78 1800			.3		4.10									0.370
23 07 78 1000			.3		4.20		0.001	0.40	0.02 L	0.10	0.03 L	0.005L	0.01 L	0.355
24 08 78 1000			.3		4.20									0.350
28 09 78 1700			.3		4.00		0.001	0.560	0.020L	0.030	0.030L	0.005L	0.010	0.280
28 10 78 1000			.3		5.00		0.001L	0.55	0.02 L	0.04	0.03 L	0.005L	0.02	0.330
30 11 78 1600			.3		4.5		0.001	0.610	0.020L	0.070	0.030L	0.005L	0.020	0.38
28 12 78 1700			.3		4.50		0.001	0.430	0.020L	0.030	0.030L	0.005L	0.030	0.200
MAXIMUM					5.00	29	0.001	0.690	0.040	0.100	0.030	0.005	0.030	0.38
AVG OR GEOM MN (*)					3.70	23	0.001D	0.493	0.022D	0.051	0.030D	0.005D	0.022D	0.295
MINIMUM					1.90	18	0.001	0.250	0.020	0.020	0.030	0.005	0.01	0.160
NO OF SAMPLES					12	3	10	10	10	10	10	10	10	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
29 01 78 1630			.3		0.020L	0.020L						
21 02 78 1700			.3		0.020L	0.020L	3.	15.	5.	20.	5.	10. L
27 03 78 1800			.3		0.020L	0.020L	3.	20.	5.	25.	15.	10. L
29 04 78 1700			.3		0.020L		3.	55.	10.	30.	5.	15.
26 05 78 1800			.3		0.02 L	0.02 L	3.	40.	3.	30.	3.	15.
18 06 78 1800			.3				6.	17.	3.	24.	6.	18.
23 07 78 1000			.3		0.02 L	0.02 L	4.	35.	4.	20.	7.	15.
24 08 78 1000			.3				4.	13.	4.	19.	9.	10. L
28 09 78 1700			.3		0.020L	0.020L						
28 10 78 1000			.3		0.02	0.02 L						
30 11 78 1600			.3		0.020L	0.020L	3.	50.	3.	25.	7.	20.
28 12 78 1700			.3		0.020L	0.030L						
MAXIMUM					0.020	0.030	6.	55.	10.	30.	15.	20.
AVG OR GEOM MN (*)					0.020D	0.021D	4.	30.	4.	24.	7.	14. D
MINIMUM					0.020	0.020	3.	13.	3.	19.	3.	10.
NO OF SAMPLES					10	9	8	8	8	8	8	8

B.O.W./ SITE: BUD LAKE TAILINGS
SAMPLE POINT: AT DAM "D" BUD LAKE TAILINGS
STATION TYPE: LAKE

STATION ID: 14-0019-050-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 50 LAT: LONG: U T M: 17 0372650.0 5151625.0 4 REGION: 05 MILEAGE: 55.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L
21 01 78 1400			.3		22009		0.5	0.002	26.100	26.100	12.000	64.400	102.500	0.000
22 02 78 1145			.3		22045		0.6	0.005	20.400	22.800	11.500	128.500	160.400	2.400
26 03 78 1030			.3		22076		0.2	0.010	26.400	31.700	8.500	65.500	100.400	5.300
29 04 78 1000			.3		22130			0.018	27.800	32.500	7.800	59.200	94.800	4.700
24 05 78 1600			.3		22158				22.600	23.500	8.000	62.500	93.100	0.900
19 06 78 1600			.3		22189			0.005	24.000	25.200	8.100	65.400	97.500	1.200
23 07 78 1400			.3		22220			0.026		0.250				
24 08 78 1300			.3		22251			0.025	18.900	18.900	9.600	70.400	98.900	0.000
29 09 78 1300			.3		22283			0.075						
29 10 78 1300			.3		22314			0.010	15.300	16.500	12.600	68.400	96.300	1.200
30 11 78 1730			.3		22345	6		0.014	18.7	18.6	12.4	77.6	108.700	0.100
29 12 78 1300			.3		22376	6		0.010						
MAXIMUM							0.6	0.075	27.800	32.500	12.600	128.500	160.400	5.300
AVG OR GEOM MN (*)							0.4	0.018	22.244	21.605	10.056	73.544	105.844	1.756
MINIMUM							0.2	0.002	15.300	0.250	7.800	59.200	93.100	0.000
NO OF SAMPLES							3	11	9	10	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L
21 01 78 1400			.3		102.500	2587.0	39.0	2548	2660	25.00	18.5	1377.0	0.40	0.0
22 02 78 1145			.3		162.800	2525.0	30.0	2495	2610	26.00	17.5	1975.0	0.65	0.0
26 03 78 1030			.3		105.700	2465.0	24.0	2441	2500	16.00	17.0	1282.0	0.70	0.0
29 04 78 1000			.3		99.500	2285.0	19.0	2266	2330	25.00	16.5	1205.0		0.0
24 05 78 1600			.3		94.000	2533.0	8.5	2525	2550	13.00	17.5	1325.0		0.0
19 06 78 1600			.3		98.700	2749.0	19.0	2730	2700	24.00	17.0	1366.0		7.4
23 07 78 1400			.3			2826.0	19.0	2807	2700	27.00	18.5	1342.0	1.25	11.2
24 08 78 1300			.3		98.900	3187.0	32.0	3155	2680	37.50	17.0	1425.0		7.8
29 09 78 1300			.3			2960.0	26.0	2934	2620		17.5	1390.0		18.7
29 10 78 1300			.3		97.500	2117.0	21.0	2096	2900	37.00	19.0	1700.0		6.6
30 11 78 1730			.3		108.600	2546.	17.	2529	2750	34.	19.5	1300.		47.0
29 12 78 1300			.3			2605.0	18.0	2587	2700	20.00	19.5	1376.0		
MAXIMUM					162.800	3187.0	39.0	3155	2900	37.50	19.5	1975.0	1.25	47.0
AVG OR GEOM MN (*)					107.578	2615.4	22.7	2593	2642	25.86	17.9	1421.9	0.75	9.0
MINIMUM					94.000	2117.0	8.5	2096	2330	13.00	16.5	1205.0	0.40	0.0
NO OF SAMPLES					9	12	12	12	12	11	12	12	4	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
21 01 78 1400			.3		47	9.29	2.500			6.00	70G	100.00	15.00	54
22 02 78 1145			.3		72	9.80	2.800	1567.0	620.00	4.55	70G	103.00		22
26 03 78 1030			.3		82	9.74	2.150	1388.0	550.00	3.60	45	104.00	17.00	40
29 04 78 1000			.3		60	9.24	3.100	1267.0	500.00	4.40	70G	96.00	14.00	
24 05 78 1600			.3		47	8.71	2.600	1753.0	694.00	5.00	70	101.00	15.00	
19 06 78 1600			.3		27	7.68	3.200	1675.0	660.00	6.50	108	108.00		
23 07 78 1400			.3		18	7.12	4.600	1548.0	610.00	6.00	112	102.00	15.00	
24 08 78 1300			.3		17	6.82	21.000	1521.0	600.00	5.50	175	107.00	14.00	
29 09 78 1300			.3		7		12.000	1421.0	560.00	5.50		108.00		
29 10 78 1300			.3		14	6.70	7.300		520.00		186	114.00		
30 11 78 1730			.3		23	6.96	6.8		550.		191	10.		
29 12 78 1300			.3		42	8.38	3.800		138.00		91	125.00		
MAXIMUM					82	9.80	21.000	1753.0	694.00	6.50	191	125.00	17.00	54
AVG OR GEOM MN (*)					38	8.22	5.988	1517.5	545.64	5.23	108U	98.17	15.00	39
MINIMUM					7	6.70	2.150	1267.0	138.00	3.60	45	10.	14.00	22
NO OF SAMPLES					12	11	12	8	11	9	11	12	6	3

(C O N T D)

STATION ID: 14-0019-050-01

B.O.W./ SITE: BUD LAKE TAILINGS
SAMPLE POINT: AT DAM "D" BUD LAKE TAILINGS
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 50 LAT: LONG: U T M: 17 0372650.0 5151625.0 4 REGION: 05 MILEAGE: 55.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
21 01 78	1400			.3		0.001	1.8	0.02 L	0.04	0.03 L	0.005L	0.01	0.195	0.03	0.02 L
22 02 78	1145			.3		0.013	1.300	0.020L	0.050	0.030L	0.005L	0.030	0.210	0.020	0.020L
26 03 78	1030			.3		0.013	0.960	0.040L	0.060	0.030L	0.005L	0.020	0.165	0.020L	0.020L
29 04 78	1000			.3		0.006	1.900	0.020L	0.060	0.030L	0.005L	0.150	0.185	0.020L	0.03 L
24 05 78	1600			.3		0.016	1.7	0.02 L	0.06	0.03 L	0.005L	0.02	0.240	0.02 L	0.03 L
19 06 78	1600			.3									0.310		
23 07 78	1400			.3		0.013	1.2	0.02 L	0.08	0.03 L	0.005L	0.01 L	0.316	0.02 L	0.02 L
24 08 78	1300			.3									0.410		
29 09 78	1300			.3		0.010	2.200	0.020L	0.080	0.030L	0.005L	0.030	0.370	0.040	0.030
29 10 78	1300			.3		0.008	1.500	0.020L	0.060	0.030L	0.005L	0.010	0.300	0.020	0.020
30 11 78	1730			.3		0.013	1.500	0.020L	0.030	0.030L	0.005L	0.020	0.27	0.050	0.020L
29 12 78	1300			.3		0.013	1.800	0.020L	0.100	0.030L	0.005L	0.020	0.150	0.030	0.030L
MAXIMUM						0.016	2.200	0.040	0.100	0.03	0.005	0.150	0.410	0.050	0.03
AVG OR GEOM MN (*)						0.011	1.586	0.022D	0.062	0.030D	0.005D	0.032D	0.260	0.027D	0.024D
MINIMUM						0.001	0.960	0.02	0.030	0.03	0.005	0.01	0.150	0.020	0.02
NO OF SAMPLES						10	10	10	10	10	10	10	12	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
22 02 78	1145			.3		2.	100.	1270.	120.	700.	39.
26 03 78	1030			.3		4.	70.	840.	105.	510.	30.
29 04 78	1000			.3		4.	160.	890.	110.	410.	105.
24 05 78	1600			.3		2.	230.	730.	95.	320.	140.
19 06 78	1600			.3		8.	240.	520.	100.	280.	140.
23 07 78	1400			.3		3.	130.	614.	98.	276.	72.
24 08 78	1300			.3		6.	130.	800.	67.	290.	34.
30 11 78	1730			.3		4.	83.	860.	86.	280.	51.
MAXIMUM						8.	240.	1270.	120.	700.	140.
AVG OR GEOM MN (*)						4.	142.	815.	97.	383.	76.
MINIMUM						2.	70.	520.	67.	276.	30.
NO OF SAMPLES						8	8	8	8	8	8

STATION ID: 14-0019-051-01

B.O.W./ SITE: BUD LAKE TAILINGS
SAMPLE POINT: EFFLUENT FROM BUD LAKE AT DAM "E"
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 51 LAT: LONG: U T M: 17 0373100.0 5151650.0 4 REGION: 05 MILEAGE: 55.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
21 01 78	1430			.3		22010		0.6	0.030		23.600	23.600	12.500	66.900	103.000
22 02 78	1145			.3		22046		0.2	0.020	0.007	26.100	26.500	9.500	67.000	102.600
26 03 78	1100			.3		22077		0.2	0.008		25.800	31.000	10.000	64.000	99.800
29 04 78	0930			.3		22131			0.005		26.200	30.700	7.200	56.300	89.700
24 05 78	1630			.3		22159					23.000	23.000	7.800	62.700	93.500
19 06 78	1630			.3		22190			0.001		23.400	23.400	8.500	65.000	96.900
23 07 78	1430			.3		22221			0.020			1.980			
24 08 78	1330			.3		22252			0.008		15.000	15.000	9.600	73.400	98.000
29 09 78	1330			.3		22284			0.025						
29 10 78	1330			.3		22315			0.006		15.600	16.500	12.000	69.000	96.600
30 11 78	1800			.3		22346	6		0.002		18.3	19.1	12.2	73.8	104.300
29 12 78	1330			.3		22377	6		0.054						
MAXIMUM								0.6	0.054	0.007	26.200	31.000	12.500	73.8	104.300
AVG OR GEOM MN (*)								0.3	0.016	0.007	21.889	21.078	9.922	66.456	98.267
MINIMUM								0.2	0.001	0.007	15.000	1.980	7.200	56.300	89.700
NO OF SAMPLES								3	11	1	9	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
21 01 78	1430			.3		0.000	103.000	2537.0	14.0	2523		2660	8.70	18.5	1351.0
22 02 78	1145			.3		0.400	103.000	2567.0	10.0	2557		2630	7.50	19.5	2050.0
26 03 78	1100			.3		5.200	105.000	2471.0	12.0	2459		2520	8.20	18.5	1282.0
29 04 78	0930			.3		4.500	94.200	74.0	7.6	66		2230	8.30	16.5	1096.0
24 05 78	1630			.3		0.000	93.500	2522.0	4.9	2517		2550	4.50	18.5	1301.0
19 06 78	1630			.3		0.000	96.900	2663.0	10.0	2653		2700	6.50	18.0	1366.0
23 07 78	1430			.3				264.0	4.3		260	400	1.90	4.4	136.0
24 08 78	1330			.3		0.000	98.000	3109.0	19.0	3090		2650	31.00	19.5	1397.0
29 09 78	1330			.3				2935.0	6.9	2928		2600		19.0	1390.0
29 10 78	1330			.3		0.900	97.500	2552.0	11.0	2541		2860	25.00	22.0	1600.0
30 11 78	1800			.3		0.800	105.100	2573.	11.	2562		2750	26.	20.5	1325.
29 12 78	1330			.3				2549.0	15.0	2534		2710	6.70	20.0	1400.0
MAXIMUM						5.200	105.100	3109.0	19.0	3090	260	2860	31.00	22.0	2050.0
AVG OR GEOM MN (*)						1.311	99.578	2234.7	10.5	2403	260	2438	12.21	17.9	1307.8
MINIMUM						0.000	93.500	74.0	4.3	66	260	400	1.90	4.4	136.0
NO OF SAMPLES						9	9	12	12	11	1	12	11	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
21 01 78 1430			.3		0.35	0.0	45	9.14	0.980			5.50	30	102.00
22 02 78 1145			.3		0.45	0.0	55	9.82	1.200	1465.0	580.00	3.95		118.00
26 03 78 1100			.3		0.65	0.0	65	9.49	0.840	1388.0	550.00	3.55	25	103.00
29 04 78 0930			.3			0.0	49	9.12	0.900	1141.0	450.00	4.30	35	91.00
24 05 78 1630			.3			0.0	46	8.73	0.570	1374.0	542.00	5.10	27	101.00
19 06 78 1630			.3			8.0	31	7.58	0.800	1423.0	560.00	6.00	17	105.00
23 07 78 1430			.3		1.70	3.7	14	7.10	0.660	164.0	62.00	2.35	43	12.50
24 08 78 1330			.3			6.4	17	6.89	2.600	1473.0	580.00	6.00	99	112.00
29 09 78 1330			.3			5.3	20		1.400	1444.0	570.00	5.00		113.00
29 10 78 1330			.3			7.8	15	7.04	4.400		510.00		92	34.00
30 11 78 1800			.3			14.6	20	7.08	4.4		530.		114	10.
28 12 78 1330			.3				32	7.55	4.000		540.00		27	120.00
MAXIMUM					1.70	14.6	65	9.82	4.400	1473.0	580.00	6.00	114	120.00
AVG OR GEOM MN (*)					0.79	4.2	34	8.14	1.896	1234.0	497.64	4.64	51	85.13
MINIMUM					0.35	0.0	14	6.89	0.570	164.0	62.00	2.35	17	10.
NO OF SAMPLES					4	11	12	11	12	8	11	9	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
21 01 78 1430			.3		15.00	34	0.008	1.9	0.02 L	0.04	0.03 L	0.005L	0.01	0.120
22 02 78 1145			.3			14	0.011	1.400	0.020L	0.040	0.030L	0.005L	0.010L	0.072
26 03 78 1100			.3		16.00	50	0.013	0.760	0.040L	0.040	0.030L	0.005L	0.010L	0.068
29 04 78 0930			.3		13.00		0.007	1.600	0.020L	0.040	0.030L	0.005L	0.020	0.106
24 05 78 1630			.3		15.00		0.008	1.4	0.02 L	0.06	0.03 L	0.005L	0.01 L	0.195
19 06 78 1630			.3											0.275
23 07 78 1430			.3		3.00		0.001	0.05 L	0.04 L	0.02	0.03 L	0.005L	0.01 L	0.114
24 08 78 1330			.3		15.00									0.390
29 09 78 1330			.3		12.00		0.012	0.670	0.020L	0.060	0.030L	0.005L	0.020	0.350
29 10 78 1330			.3				0.007	0.460	0.020L	0.060	0.030L	0.005L	0.020	0.370
30 11 78 1800			.3				0.012	1.100	0.020L	0.050	0.030L	0.005L	0.030	0.34
28 12 78 1330			.3				0.014	1.900	0.020L	0.080	0.030L	0.005L	0.020	0.280
MAXIMUM					16.00	50	0.014	1.9	0.040	0.080	0.03	0.005	0.030	0.390
AVG OR GEOM MN (*)					12.71	33	0.009	1.1240	0.0240	0.049	0.030D	0.005D	0.016D	0.223
MINIMUM					3.00	14	0.001	0.05	0.02	0.02	0.03	0.005	0.01	0.068
NO OF SAMPLES					7	3	10	10	10	10	10	10	10	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
21 01 78 1430			.3		0.02 L	0.02 L						
22 02 78 1145			.3		0.020L	0.020L	1. L	80.	290.	100.	120.	32.
26 03 78 1100			.3		0.020L	0.020L	2.	90.	250.	105.	105.	50.
29 04 78 0930			.3		0.020L	0.03 L	1. L	200.	360.	110.	180.	110.
24 05 78 1630			.3		0.02 L	0.03 L	1.	230.	190.	115.	95.	145.
19 06 78 1630			.3				2.	160.	160.	84.	93.	100.
23 07 78 1430			.3		0.02	0.02 L						
24 08 78 1330			.3				2.	140.	300.	93.	110.	38.
29 09 78 1330			.3		0.020	0.020L						
29 10 78 1330			.3		0.020	0.020						
30 11 78 1800			.3		0.020L	0.020L	3.	94.	300.	77.	98.	49.
29 12 78 1330			.3		0.030	0.040						
MAXIMUM					0.030	0.040	3.	230.	360.	115.	180.	145.
AVG OR GEOM MN (*)					0.021D	0.024D	2. D	142.	264.	97.	114.	74.
MINIMUM					0.02	0.02	1.	80.	160.	77.	93.	32.
NO OF SAMPLES					10	10	7	7	7	7	7	7

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: PANEL,STRIKE LAKE OUTLET P 2
STATION TYPE: RIVER

STATION ID: 14-0019-053-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO: 53 LAT: LONG: U T M: 17 0382350.0 5152900.0 4 REGION: 05 MILEAGE: 52.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L
25 01 78 1600			.3		22027	0.4	0.003		0.510	0.630	0.001L	0.125	0.636	0.120
20 02 78 1600			.3		22999	0.2	0.001L	0.001L	0.540	0.590	0.055	1.260	1.855	0.050
27 03 78 1730			.3		22093	0.2	0.003	0.001L	0.580	0.620	0.003	0.265	0.848	0.040
MAXIMUM						0.4	0.003	0.001	0.580	0.630	0.055	1.260	1.855	0.120
AVG OR GEOM MN (*)						0.3	0.0020	0.001D	0.543	0.613	0.020D	0.550	1.113	0.070
MINIMUM						0.2	0.001	0.001	0.510	0.590	0.001	0.125	0.636	0.040
NO OF SAMPLES						3	3	2	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L
25 01 78 1600			.3		0.756	419.0	3.0	416	640	1.50	3.0	250.0	4.90	36.4
20 02 78 1600			.3		1.905	485.0	3.7	481	725	5.70	3.1		4.00	35.6
27 03 78 1730			.3		0.888	499.0	6.9	492	700	3.60	3.2	289.0	4.55	36.6
MAXIMUM					1.905	499.0	6.9	492	725	5.70	3.2	289.0	4.90	36.6
AVG OR GEOM MN (*)					1.183	467.7	4.5	463	688	3.60	3.1	269.5	4.48	36.2
MINIMUM					0.756	419.0	3.0	416	640	1.50	3.0	250.0	4.00	35.6
NO OF SAMPLES					3	3	3	3	3	3	3	2	3	3

(C O N T D)

```
 B.O.W./ SITE: ROCHESTER CREEK                                                        STATION ID:  14-0019-053-02
 SAMPLE POINT: PANEL.STRIKE LAKE OUTLET P 2
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                      002
                                                      TERM STREAM: SERPENT RIVER                                   8040

STN NO:     53    LAT:            LONG:               U T M: 17 0382350.0 5152900.0 4    REGION: 05         MILEAGE:   52.00

                                      52        55       208        76        72        74        68        67        66        41
SAMP DTE HOUR  STN  STN SAMP  PJ   TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD
DY MO YR LMT   DIST BRG DEPTH       AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA
               FEET        MTRS       MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

25 01 78 1600                .3         1L      3.63     2.400     232.0     83.00      6.00        15      4.80      2.90        13
20 02 78 1600                .3          0      3.55     2.100     296.0    107.00      7.00        10      5.10      2.60        12
27 03 78 1730                .3          0      3.58     2.000     284.0    103.00      6.50        10      5.15      2.70        14

                        MAXIMUM          1      3.63     2.400     296.0    107.00      7.00        15      5.15      2.90        14
          AVG OR GEOM MN (*)            OD      3.59     2.167     270.7     97.67      6.50        12      5.02      2.73        13
                        MINIMUM          0      3.55     2.000     232.0     83.00      6.00        10      4.80      2.60        12

                NO OF SAMPLES            3         3         3         3         3         3         3         3         3         3

                                     265       203       221       225       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      ARSENIC  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET        MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

25 01 78 1600                .3      0.001     1.700     0.020     0.020     0.050    0.005L     0.090     0.510     0.040     0.040
20 02 78 1600                .3     0.001L     2.000    0.020L     0.050    0.030L    0.005L     0.110     0.620     0.050     0.040
27 03 78 1730                .3      0.001     2.100    0.040L     0.100     0.060    0.005L     0.120     0.660     0.040     0.080

                        MAXIMUM      0.001     2.100     0.040     0.100     0.060     0.005     0.120     0.660     0.050     0.080
          AVG OR GEOM MN (*)        0.001D     1.933    0.027D     0.057    0.047D    0.005D     0.107     0.597     0.043     0.053
                        MINIMUM      0.001     1.700     0.020     0.020     0.030     0.005     0.090     0.510     0.040     0.040

                NO OF SAMPLES            3         3         3         3         3         3         3         3         3         3

                                     451       452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    RADIUM  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH     226 DISS      DISS    UNDISS      DISS    UNDISS       238
               FEET        MTRS      PCI/L     PCI/L     PCI/L     PCI/L     PCI/L      UG/L

20 02 78 1600                .3         9.      190.       10.      130.        5.       35.
27 03 78 1730                .3         6.      190.        3.      160.        1.       35.

                        MAXIMUM         9.      190.       10.      160.        5.       35.
          AVG OR GEOM MN (*)            8.      190.        6.      145.        3.       35.
                        MINIMUM         6.      190.        3.      130.        1.       35.

                NO OF SAMPLES            2         2         2         2         2         2
```

```
 B.O.W./ SITE: MAY LAKE                                                               STATION ID:  14-0019-054-01
 SAMPLE POINT: SOUTH END OF MAY LAKE 33 3
 STATION TYPE: LAKE                                   MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                      002
                                                      TERM STREAM: SERPENT RIVER                                   8040

STN NO:     54    LAT:            LONG:               U T M: 17 0386200.0 5142375.0 4    REGION: 05         MILEAGE:   38.30

                                     934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO     TEMP.         P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N
               FEET        MTRS              DEG C      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L

24 05 78 1300                .3      21812               0.004     0.001     0.304     0.390     0.002     0.190     0.496     0.086
31 10 78 1215                .3      21822       7.0    0.001L    0.001L     0.272     0.310     0.001     0.229     0.502     0.038

                        MAXIMUM                  7.0     0.004     0.001     0.304     0.390     0.002     0.229     0.502     0.086
          AVG OR GEOM MN (*)                     7.0    0.003D    0.001D     0.288     0.350     0.002     0.210     0.499     0.062
                        MINIMUM                  7.0     0.001     0.001     0.272     0.310     0.001     0.190     0.496     0.038

                NO OF SAMPLES                      1         2         2         2         2         2         2         2         2

                                      23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL N     TOTAL     SUSP.  CALCUL         COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS  D-SOLIDS         25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET        MTRS       MG/L      MG/L      MG/L  MG/L         UMHOS     UNITS                MG/L  SI MG/L       MG/L

24 05 78 1300                .3      0.582     150.0       0.4       150       230      0.10       1.6      90.0
31 10 78 1215                .3      0.540                                     260      0.90       1.8      95.0      1.85      23.9

                        MAXIMUM      0.582     150.0       0.4       150       260      0.90       1.8      95.0      1.85      23.9
          AVG OR GEOM MN (*)         0.561     150.0       0.4       150       245      0.50       1.7      92.5      1.85      23.9
                        MINIMUM      0.540     150.0       0.4       150       230      0.10       1.6      90.0      1.85      23.9

                NO OF SAMPLES            2         1         1         1         2         2         2         2         1         1

                                      52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ   TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH       AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET        MTRS       MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1300                .3                 4.00                                                                          0.001L
31 10 78 1215                .3          0      3.74     0.600      69.0     24.00      2.25         3      1.10      1.70     0.001

                        MAXIMUM          0      4.00     0.600      69.0     24.00      2.25         3      1.10      1.70     0.001
          AVG OR GEOM MN (*)             0      3.87     0.600      69.0     24.00      2.25         3      1.10      1.70    0.001D
                        MINIMUM          0      3.74     0.600      69.0     24.00      2.25         3      1.10      1.70     0.001

                NO OF SAMPLES            1         2         1         1         1         1         1         1         1         2
```

(C O N T D)

```
                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET       MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1300                .3        1.900    0.020L    0.010L    0.030L    0.005L     0.060              0.020L    0.020L
31 10 78 1215                .3        2.000    0.020L     0.080    0.030L    0.005L     0.080     0.360    0.020L    0.020L       12.

                       MAXIMUM         2.000     0.020     0.080     0.030     0.005     0.080     0.360     0.020     0.020       12.
            AVG OR GEOM MN (*)         1.950    0.020D    0.045D    0.030D    0.005D     0.070     0.360    0.0200    0.020D       12.
                       MINIMUM         1.900     0.020     0.010     0.030     0.005     0.060     0.360     0.020     0.020       12.

                 NO OF SAMPLES             2         2         2         2         2         2         1         2         2         1

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET       MTRS         PCI/L     PCI/L     PCI/L     PCI/L      UG/L

31 10 78 1215                .3          89.        2.       46.      1. L       15.

                       MAXIMUM           89.        2.       46.        1.       15.
            AVG OR GEOM MN (*)           89.        2.       46.      1. D       15.
                       MINIMUM           89.        2.       46.        1.       15.

                 NO OF SAMPLES             1         1         1         1         1


B.O.W./ SITE: MAY LAKE                                                                    STATION ID:  14-0019-055-01
SAMPLE POINT: NORTH END OF MAY LAKE 33 1
STATION TYPE: LAKE                                  MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                    MINOR BASIN: LAKE HURON                                       002
                                                    TERM STREAM: SERPENT RIVER                                    8040

STN NO:     55    LAT:              LONG:           U T M: 17 0385200.0 5144375.0 4    REGION: 05        MILEAGE:   40.00

                                         934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N   ORGNC N
               FEET       MTRS                   DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1300                .3        21813               0.001     0.001     0.570     0.580     0.008     0.095     0.673     0.010
31 10 78 1240                .3        21823       7.0     0.004    0.001L     0.540     0.580     0.023     0.127     0.690     0.040

                       MAXIMUM                     7.0     0.004     0.001     0.570     0.580     0.023     0.127     0.690     0.040
            AVG OR GEOM MN (*)                     7.0     0.003    0.0010     0.555     0.580     0.016     0.111     0.682     0.025
                       MINIMUM                     7.0     0.001     0.001     0.540     0.580     0.008     0.095     0.673     0.010

                 NO OF SAMPLES                       1         2         2         2         2         2         2         2         2

                                          23         5         6         7        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL N     TOTAL     SUSP.     DISS.     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET       MTRS          MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1300                .3        0.683     246.0       7.3       239       580      7.30       3.5     171.0
31 10 78 1240                .3        0.730                                     610      0.80       4.1     185.0      3.40      97.3



                       MAXIMUM         0.730     246.0       7.3       239       610      7.30       4.1     185.0      3.40      97.3
            AVG OR GEOM MN (*)         0.707     246.0       7.3       239       595      4.05       3.8     178.0      3.40      97.3
                       MINIMUM         0.683     246.0       7.3       239       580      0.80       3.5     171.0      3.40      97.3

                 NO OF SAMPLES             2         1         1         1         2         2         2         2         1         1

                                          52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ     TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH         AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET       MTRS          MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L
24 05 78 1300                .3                   3.21                                                                          0.001L
31 10 78 1240                .3            0      3.12     6.500      92.0     31.00      3.55         3      1.00      2.20    0.001L

                       MAXIMUM             0      3.21     6.500      92.0     31.00      3.55         3      1.00      2.20     0.001
            AVG OR GEOM MN (*)             0      3.17     6.500      92.0     31.00      3.55         3      1.00      2.20    0.0010
                       MINIMUM             0      3.12     6.500      92.0     31.00      3.55         3      1.00      2.20     0.001

                 NO OF SAMPLES             1         2         1         1         1         1         1         1         1         2

                                         203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH       ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET       MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L
24 05 78 1300                .3        5.900    0.020L    0.010L    0.030L    0.005L     0.200              0.020L     0.040        9.
31 10 78 1240                .3        6.200    0.020L     0.100    0.030L    0.005L     0.230     0.650     0.040     0.050        8.

                       MAXIMUM         6.200     0.020     0.100     0.030     0.005     0.230     0.650     0.040     0.050        9.
            AVG OR GEOM MN (*)         6.050    0.0200    0.055D    0.0300    0.0050     0.215     0.650    0.0300     0.045        9.
                       MINIMUM         5.900     0.020     0.010     0.030     0.005     0.200     0.650     0.020     0.040        8.

                 NO OF SAMPLES             2         2         2         2         2         2         1         2         2         2

                                         452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ    GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH           DISS    UNDISS      DISS    UNDISS       238
               FEET       MTRS         PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1300                .3         325.        9.      130.        5.       70.
31 10 78 1240                .3         250.      1. L       94.      1. L       57.

                       MAXIMUM          325.        9.      130.        5.       70.
            AVG OR GEOM MN (*)          287.      5. D      112.      3. D       63.
                       MINIMUM          250.        1.       94.        1.       57.

                 NO OF SAMPLES             2         2         2         2         2
```

```
 B.O.W./ SITE: ESTEN LAKE                                                               STATION ID:  14-0019-067-01
 SAMPLE POINT: CENTRAL PART OF ESTEN LAKE 49 1
 STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                      002
                                                       TERM STREAM: SERPENT RIVER                                   8040

STN NO:     67    LAT:               LONG:             U T M: 17 0369400.0 5134250.0 4    REGION: 05          MILEAGE:   37.40

                                          934       805        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE     WATER     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO     TEMP.         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                     DEG C      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 05 78 1400               .3          21814               0.033     0.017     0.170     0.480     0.014     0.415     0.599     0.310
31 10 78 1415               .3          21829       7.0     0.015     0.003     0.046     0.270     0.004     0.266     0.316     0.224

                      MAXIMUM                       7.0     0.033     0.017     0.170     0.480     0.014     0.415     0.599     0.310
           AVG OR GEOM MN (*)                       7.0     0.024     0.010     0.108     0.375     0.009     0.341     0.458     0.267
                      MINIMUM                       7.0     0.015     0.003     0.046     0.270     0.004     0.266     0.316     0.224

                NO OF SAMPLES                         1         2         2         2         2         2         2         2         2

                                           23         5         6       107        14        16        56        59       280        95
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3
               FEET      MTRS            MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS                MG/L   SI MG/L      MG/L

24 05 78 1400               .3          0.909     128.0       1.4       127       195      0.60       9.0      62.0
31 10 78 1415               .3          0.540                                     160      0.80       8.6      46.0      0.85       2.6

                      MAXIMUM           0.909     128.0       1.4       127       195      0.80       9.0      62.0      0.85       2.6
           AVG OR GEOM MN (*)           0.725     128.0       1.4       127       178      0.70       8.8      54.0      0.85       2.6
                      MINIMUM           0.540     128.0       1.4       127       160      0.60       8.6      46.0      0.85       2.6

                NO OF SAMPLES               2         1         1         1         2         2         2         2         1         1

                                           52        55       208        76        72        74        68        67        66       265
SAMP DTE HOUR  STN  STN SAMP  PJ      TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM     TOTAL
DY MO YR LMT   DIST BRG DEPTH          AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA   ARSENIC
               FEET      MTRS            MG/L                MG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

24 05 78 1400               .3                     6.83                                                                          0.001L
31 10 78 1415               .3             10      6.10     0.060      53.0     16.20      3.00        14      1.70      5.60     0.001

                      MAXIMUM              10      6.83     0.060      53.0     16.20      3.00        14      1.70      5.60     0.001
           AVG OR GEOM MN (*)              10      6.47     0.060      53.0     16.20      3.00        14      1.70      5.60     0.001D
                      MINIMUM              10      6.10     0.060      53.0     16.20      3.00        14      1.70      5.60     0.001

                NO OF SAMPLES               1         2         1         1         1         1         1         1         1         2

                                          203       221       225       229       215       249       201       238       217       451
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT   DIST BRG DEPTH        ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT  226 DISS
               FEET      MTRS            MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     PCI/L

24 05 78 1400               .3          0.060    0.020L     0.020    0.030L    0.005L    0.010L              0.020L    0.020L     1.
31 10 78 1415               .3          0.260    0.020L     0.020    0.030L    0.005L    0.010L     0.169    0.020L    0.020L     1.  L




                      MAXIMUM           0.260     0.020     0.020     0.030     0.005     0.010     0.169     0.020     0.020     1.
           AVG OR GEOM MN (*)           0.160    0.020D     0.020    0.030D    0.005D    0.010D     0.169    0.020D    0.020D     1.  D
                      MINIMUM           0.060     0.020     0.020     0.030     0.005     0.010     0.169     0.020     0.020     1.

                NO OF SAMPLES               2         2         2         2         2         2         1         2         2         2

                                          452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ     GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH            DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS           PCI/L     PCI/L     PCI/L     PCI/L      UG/L

24 05 78 1400               .3             2.     1.  L        5.        1.    10.  L
31 10 78 1415               .3             1.        1.        4.        1.    10.  L

                      MAXIMUM              2.        1.        5.        1.       10.
           AVG OR GEOM MN (*)              1.     1.  D        4.        1.    10.  D
                      MINIMUM              1.        1.        4.        1.       10.

                NO OF SAMPLES               2         2         2         2         2


 B.O.W./ SITE: SPANISH RIVER                                                            STATION ID:  14-0028-001-02
 SAMPLE POINT: AT WEBBWOOD BRIDGE
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                       MINOR BASIN: LAKE HURON                                      002
                                                       TERM STREAM: SPANISH RIVER                                   7950

STN NO:      1    LAT:               LONG:             U T M: 17 0432550.0 5123550.0 4    REGION: 05          MILEAGE:   25.80

                                          934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH              NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                            MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

02 01 78 1435               .3          24509       6 8      200.        8.       28.       0.0      12.0       0.4     0.010     0.001
11 02 78 1400               .3          24551       6 8      500.       20.       80.       0.0      12.0       1.2     0.007     0.001
11 03 78 1420               .3          24593       6 8                                     0.0      11.0       2.0     0.020    0.001L

                      MAXIMUM                                500.       20.       80.      0.00      12.0       2.0     0.020     0.001
           AVG OR GEOM MN (*)                               316.*      13.*      47.*       0.0      11.7       1.2     0.012    0.001D
                      MINIMUM                                200.        8.       28.       0.0      11.0       0.4     0.007     0.001

                NO OF SAMPLES                                   2         2         2         3         3         3         3         3

                                           19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH         AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS            MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 01 78 1435               .3          0.180     0.530     0.003     0.187     0.370     0.350     0.720      73.0       1.0        72
11 02 78 1400               .3          0.108     0.400     0.004     0.196     0.308     0.292     0.600      76.0       2.4        74
11 03 78 1420               .3          0.050     0.480     0.004     0.141     0.195     0.430     0.625      67.0       1.6        65

                      MAXIMUM           0.180     0.530     0.004     0.196     0.370     0.430     0.720      76.0       2.4        74
           AVG OR GEOM MN (*)           0.113     0.470     0.004     0.175     0.291     0.357     0.648      72.0       1.7        70
                      MINIMUM           0.050     0.400     0.003     0.141     0.195     0.292     0.600      67.0       1.0        65

                NO OF SAMPLES               3         3         3         3         3         3         3         3         3         3
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
02 01 78 1435			.3		111	1.40	4.1	0.001	0.200	0.020L	0.030	0.030L	0.005L	0.010L
11 02 78 1400			.3		114	2.40	6.7	0.001L	0.060	0.020L	0.040	0.030L	0.005L	0.010L
11 03 78 1420			.3		100	2.80	6.0	0.001L	0.140	0.020L	0.020	0.030L	0.005L	0.010L
MAXIMUM					114	2.80	6.7	0.001	0.200	0.020	0.040	0.030	0.005	0.010
AVG OR GEOM MN (*)					108	2.20	5.6	0.001D	0.133	0.020D	0.030	0.030D	0.005D	0.010D
MINIMUM					100	1.40	4.1	0.001	0.060	0.020	0.020	0.030	0.005	0.010
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
02 01 78 1435			.3		0.090	0.020L
11 02 78 1400			.3		0.070	0.020L
11 03 78 1420			.3		0.050	0.020L
MAXIMUM					0.090	0.020
AVG OR GEOM MN (*)					0.070	0.020D
MINIMUM					0.050	0.020
NO OF SAMPLES					3	3

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: HIGHWAY 17, 8 MILES EAST OF JUNCTION 68 AND 17
STATION TYPE: RIVER

STATION ID: 14-0028-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 2 LAT: LONG: U T M: 17 0448000.0 5127525.0 4 REGION: 05 MILEAGE: 38.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78 1400			.3		24508	4 6 8	4. L	2. L	4.	0.0	13.0	0.2	0.005	0.001L
11 02 78 1310			.3		24550	4 6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.001L	0.001L
11 03 78 1345			.3		24592	4 6 8				0.0	12.0	0.2	0.001L	0.001L
15 04 78 1350			.3		24639	3 6 8				1.0	11.0	0.8	0.008	0.001
12 05 78 1400			.3		24683	3 6 8				12.0	12.0	0.2	0.015	0.002
10 06 78 1145			.3		24725	6 8				14.0	11.0	0.2	0.009	0.001
09 07 78 1330			.3		24771	6 8				12.0	17.0	0.8	0.009	0.009
06 08 78 1330			.3		24817	6 8				19.0	13.0	0.4	0.004	0.001L
08 09 78 1350			.3		24862	6 8				14.0	12.0	0.2	0.008	0.001
06 10 78 1250			.3		24908	3 6 8				8.0	11.0	0.2	0.003	0.002
04 11 78 1315			.3		24954	6 8				3.0	12.0	0.4	0.006	0.003
08 12 78 1330			.3		25000	6 8				0.0	13.0	0.2	0.005	0.001
MAXIMUM							4.	2.	4.	19.0	17.0	0.8	0.015	0.009
AVG OR GEOM MN (*)							4.* D	2.* D	3.* D	6.9	12.5	0.3	0.006D	0.002D
MINIMUM							4.	2.	2.	0.0	11.0	0.2	0.001	0.001
NO OF SAMPLES							2	2	2	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 01 78 1400			.3		0.012	0.290	0.002	0.063	0.077	0.278	0.355	32.0	0.1	32
11 02 78 1310			.3		0.024	0.240	0.002	0.078	0.104	0.216	0.320	33.0	0.9	32
11 03 78 1345			.3		0.012	0.350	0.001	0.109	0.122	0.338	0.460	33.0	0.4	33
15 04 78 1350			.3		0.028	0.370	0.003	0.145	0.176	0.342	0.518	40.0	3.4	37
12 05 78 1400			.3		0.036	0.280	0.003	0.155	0.194	0.244	0.438	37.0	6.8	30
10 06 78 1145			.3		0.032	0.300	0.003	0.070	0.105	0.268	0.373	31.0	1.7	29
09 07 78 1330			.3		0.048	0.390	0.002	0.058	0.108	0.342	0.450	34.0	0.9	33
06 08 78 1330			.3		0.026	0.290	0.015	0.415	0.456	0.264	0.720	34.0	1.3	33
08 09 78 1350			.3		0.040	0.250	0.002	0.070	0.112	0.210	0.322	37.0	1.4	36
06 10 78 1250			.3		0.022	0.200	0.003	0.110	0.135	0.178	0.313	32.0	1.2	31
04 11 78 1315			.3		0.020	0.270	0.003	0.092	0.115	0.250	0.365	30.0	0.5	29
08 12 78 1330			.3		0.030	0.270	0.002	0.138	0.170	0.240	0.410	33.0	1.2	32
MAXIMUM					0.048	0.390	0.015	0.415	0.456	0.342	0.720	40.0	6.8	37
AVG OR GEOM MN (*)					0.028	0.292	0.003	0.125	0.156	0.264	0.420	33.8	1.7	32
MINIMUM					0.012	0.200	0.001	0.058	0.077	0.178	0.313	30.0	0.1	29
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
02 01 78 1400			.3		49	0.90	0.9	0.001	0.280	0.020L	0.040	0.030L	0.005L	0.010L
11 02 78 1310			.3		49	0.90	0.9	0.001L	0.050L	0.020L	0.060	0.030L	0.005L	0.010L
11 03 78 1345			.3		51	1.50	0.9	0.001L	0.100	0.020L	0.030	0.030L	0.005L	0.010L
15 04 78 1350			.3		57	1.20	1.4							
12 05 78 1400			.3		46	2.80	0.9	0.001	0.260	0.020	0.040	0.030L	0.005L	0.010L
10 06 78 1145			.3		45	0.80	1.1	0.001L	0.370	0.020L	0.030	0.030L	0.005L	0.010
09 07 78 1330			.3		51	0.75	1.2	0.001	0.390	0.020L	0.100	0.030L	0.005L	0.030
06 08 78 1330			.3		51	0.60	1.2	0.001	0.130	0.040L	0.010	0.030L	0.005L	0.010L
08 09 78 1350			.3		55	0.60	1.4							
06 10 78 1250			.3		47	1.10	1.0	0.001	0.200L	0.020L	0.020L	0.050L	0.010L	0.020L
04 11 78 1315			.3		44	0.90	0.8	0.001	0.290	0.020L	0.100	0.030L	0.005L	0.010
08 12 78 1330			.3		48	1.00	1.0	0.001	0.290	0.020L	0.100	0.030L	0.005L	0.010
MAXIMUM					57	2.80	1.4	0.001	0.390	0.040	0.100	0.050	0.010	0.030
AVG OR GEOM MN (*)					49	1.09	1.1	0.001D	0.236D	0.022D	0.053D	0.032D	0.006D	0.013D
MINIMUM					44	0.60	0.8	0.001	0.050	0.020	0.010	0.030	0.005	0.010
NO OF SAMPLES					12	12	12	10	10	10	10	10	10	10

(C O N T D)

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: HIGHWAY 17, 8 MILES EAST OF JUNCTION 68 AND 17
STATION TYPE: RIVER

STATION ID: 14-0028-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 2 LAT: LONG: U T M: 17 0448000.0 5127525.0 4 REGION: 05 MILEAGE: 38.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78 1400			.3		0.020L	0.020L	2.	2.	1. L	3.	1. L	10. L
11 02 78 1310			.3		0.020L	0.020L	1. L	1.	1. L	3.	1. L	10. L
11 03 78 1345			.3		0.020L	0.020L	1. L	1. L	1. L	5.	1. L	10. L
15 04 78 1350			.3				1. L	3.	1. L	4.	1. L	10. L
12 05 78 1400			.3		0.020L	0.030L	1. L	1. L	1. L	5.	1. L	10. L
10 06 78 1145			.3		0.020L	0.020L	1.	1.	1. L	2.	1. L	10. L
09 07 78 1330			.3		0.020L	0.020L	4.	1. L	1. L	3.	1. L	10. L
06 08 78 1330			.3		0.020L	0.020L	1. L	1. L	1. L	3.	1. L	10. L
08 09 78 1350			.3				1. L	1. L	1. L	2.	1. L	10. L
06 10 78 1250			.3		0.040L	0.040L	1. L	1.	1. L	9.	1. L	10. L
04 11 78 1315			.3		0.020L	0.020L	1. L	1.	1. L	4.	1. L	10. L
08 12 78 1330			.3		0.020L	0.020L	1. L	1.	1. L	4.	1. L	10. L
MAXIMUM					0.040	0.040	4.	3.	1.	9.	1.	10.
AVG OR GEOM MN (*)					0.022D	0.023D	1. D	1. D	1. D	3.	1. D	10. D
MINIMUM					0.020	0.020	1.	1.	1.	2.	1.	10.
NO OF SAMPLES					10	10	12	12	12	12	12	12

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT OUTLET OF KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 3 LAT: LONG: U T M: 17 0492550.0 5141350.0 4 REGION: 05 MILEAGE: 76.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 0930			.3		24531	6 8				0.0	8.0	1.2	0.062	0.002
13 02 78 1020			.3		24567	6 8	10.	2. L	80.	0.0	8.0	0.4	0.144	0.096
18 03 78 0940			.3		24609	6 8				0.0	9.0	2.0	0.375	0.180
16 04 78 0830			.3		24644	3 6 8				1.0	8.0	8.0	0.066	0.016
14 05 78 0825			.3		24690	3 6 8	60.	4. L		12.0	8.0	9.5	0.232	0.057
11 06 78 0945			.3		24730	6 8	20.	4.		15.0	7.0	5.0	0.149	0.048
10 07 78 0840			.3		24776	6 8	500.	4.		17.0	7.0	1.8	0.124	0.064
20 08 78 0815			.3		24822	6 8	320.	4.		18.0	8.0	7.0G	0.148	0.013
17 09 78 0910			.3		24867	6 8	1020.	28.		12.0	9.0	4.4	0.089	0.002
15 10 78 0950			.3		24913	6 8	20. L	4. L		5.0	8.0	2.8	0.079	0.017
19 11 78 0820			.3		24959	6 8	40.	4.		0.0	9.0	6.4	0.159	0.097
16 12 78 0745			.3		25005	6 8				0.0	8.0	7.0	0.16	0.096
MAXIMUM							1020.	28.	80.	18.0	9.0	9.5	0.375	0.180
AVG OR GEOM MN (*)							79.* D	5.* D	80.*	6.7	8.1	4.6U	0.149	0.057
MINIMUM							10.	2.	80.	0.0	7.0	0.4	0.062	0.002
NO OF SAMPLES							8	8	1	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 0930			.3		12.200	12.600	0.028	0.960	13.188	0.400	13.588	1078.0	2.4	1076
13 02 78 1020			.3		14.800	20.000	0.030	2.260	17.090	5.200	22.290	1159.0	2.2	1157
18 03 78 0940			.3		18.400	23.200	0.075	1.990	20.465	4.800	25.265	1335.0	2.9	1332
16 04 78 0830			.3		4.200	10.400	0.086	1.640	5.926	6.200	12.126	693.0	20.0	673
14 05 78 0825			.3		15.200	21.500	0.155	1.470	16.825	6.300	23.125	1125.0	19.0	1106
11 06 78 0945			.3		11.600	18.700	0.365	1.630	13.595	7.100	20.695	1115.0	6.8	1108
10 07 78 0840			.3		14.000	20.700	0.400	1.100	15.500	6.700	22.200	1250.0	7.4	1243
20 08 78 0815			.3		9.850	13.700	1.050	1.650	12.550	3.850	16.400	1386.0	9.2	1376
17 09 78 0910			.3		8.250	11.500	0.465	1.530	10.245	3.250	13.495	1239.0	4.0	1235
15 10 78 0950			.3		8.330	11.900	0.085	1.610	10.025	3.570	13.595	995.0	3.9	991
19 11 78 0820			.3		13.700	14.500	0.078	1.370	15.148	0.800	15.948	1105.0	10.0	1095
16 12 78 0745			.3		12.4	15.9	0.085	1.32	13.805	3.500	17.305	1272.	3.	1269
MAXIMUM					18.400	23.200	1.050	2.260	20.465	7.100	25.265	1386.0	20.0	1376
AVG OR GEOM MN (*)					11.911	16.217	0.242	1.544	13.697	4.306	18.003	1146.0	7.6	1138
MINIMUM					4.200	10.400	0.028	0.960	5.926	0.400	12.126	693.0	2.2	673
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 01 78 0930			.3		1450	2.10	78.0	588.0	3.35	5.5	38	7.54	0.150	
13 02 78 1020			.3		1570	3.30	85.0	650.0	3.35	9.2	46	7.43	0.210	
18 03 78 0940			.3		1750	2.10	95.0	731.0	3.40	5.6	57	7.78	0.240	
16 04 78 0830			.3		980	3.70	73.0	325.0	2.95	8.0	33	6.88	0.700	
14 05 78 0825			.3		1480		105.0	613.0	3.10	8.7	36	7.54	1.000	3.0
11 06 78 0945			.3		1495	4.70	96.0	631.0	3.00	3.9	26	7.19	0.300	1.0L
10 07 78 0840			.3		1600	2.30	98.0	688.0	3.00	7.6	27	7.14	0.250	
20 08 78 0815			.3		1700	4.20	98.0	713.0	3.00	9.9	12	6.43	0.460	1.0L
17 09 78 0910			.3		1490	2.10	88.0	625.0	3.25	4.8	29	7.32	0.240	1.0
15 10 78 0950			.3		1270	3.60	67.0	568.0	4.05	4.8	32	7.54	0.410	
19 11 78 0820			.3		1450	4.80	70.0	630.0	3.65	3.1	50	5.68	0.550	
16 12 78 0745			.3		1500	4.1	82.	650.	3.80	7.0	3	7.85	0.42	
MAXIMUM					1750	4.80	105.0	731.0	4.05	9.9	57	7.85	1.000	3.0
AVG OR GEOM MN (*)					1478	3.36	86.3	617.7	3.33	6.5	32	7.19	0.411	1.5D
MINIMUM					980	2.10	67.0	325.0	2.95	3.1	3	5.68	0.150	1.0
NO OF SAMPLES					12	11	12	12	12	12	12	12	12	4

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
15 01 78 0930			.3		482.0	160.00	20.00	15	16.50	110.00	28	0.001L	0.090	0.020L
13 02 78 1020			.3		509.0	165.00	23.50	10	16.00	120.00	31	0.001	0.110	0.020L
18 03 78 0940			.3		554.0	180.00	25.50	10	20.00	145.00	42	0.001L	0.100	0.020L
16 04 78 0830			.3		272.0	89.00	12.00	15	9.10	85.00	34			
14 05 78 0825			.3		446.0	145.00	20.50	30	16.00	125.00	33	0.003	0.420	0.030
11 06 78 0945			.3		480.0	160.00	19.50	52	16.00	140.00	47	0.002	0.500	0.040L
10 07 78 0840			.3		519.0	175.00	20.00	33	17.50	140.00	26	0.003	0.280	0.020L
20 08 78 0815			.3		567.0	190.00	22.50	34	21.00	140.00	33			
17 09 78 0910			.3		484.0	160.00	20.50	11	15.00	140.00	37	0.001L	0.540	0.020L
15 10 78 0950			.3		457.0	150.00	20.00	20	15.00	110.00	29	0.001	0.120	0.020L
19 11 78 0820			.3		542.0	160.00	34.50	25	16.00	110.00	23	0.001	0.14	0.02 L
16 12 78 0745			.3		527.	165.	28.	22	17.	100.	35	0.001	0.14	0.02 L
MAXIMUM					567.0	190.00	34.50	52	21.00	145.00	47	0.003	0.540	0.040
AVG OR GEOM MN (*)					466.6	158.25	22.21	23	16.26	122.08	33	0.002D	0.244	0.023D
MINIMUM					272.0	89.00	12.00	10	9.10	85.00	23	0.001	0.090	0.020
NO OF SAMPLES					12	12	12	12	12	12	12	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 0930			.3		0.050	0.030L	0.005L	0.010L	0.260	1.200	0.020L
13 02 78 1020			.3		0.080	0.030L	0.005L	0.020	0.260	1.300	0.020L
18 03 78 0940			.3		0.020	0.030L	0.005L	0.020	0.260	0.760	0.040
16 04 78 0830			.3						0.185		
14 05 78 0825			.3		0.110	0.030L	0.020L	0.010L	0.300	0.860	0.020L
11 06 78 0945			.3		0.070	0.030L	0.005L	0.020	0.124	0.490	0.020L
10 07 78 0840			.3		0.040	0.030L	0.005L	0.010	0.122	0.390	0.020
20 08 78 0815			.3						0.185		
17 09 78 0910			.3		0.050	0.030L	0.005L	0.050	0.230	0.950	0.040
15 10 78 0950			.3		0.080	0.030L	0.005L	0.040	0.240	1.900	0.040
19 11 78 0820			.3		0.08	0.03 L	0.005L	0.01	0.230	1.4	0.02
16 12 78 0745			.3		0.05	0.03 L	0.005L	0.02	0.25	1.3	0.05
MAXIMUM					0.110	0.030	0.020	0.050	0.300	1.900	0.05
AVG OR GEOM MN (*)					0.063	0.030D	0.007D	0.021D	0.221	1.055	0.029D
MINIMUM					0.020	0.030	0.005	0.010	0.122	0.390	0.020
NO OF SAMPLES					10	10	10	10	12	10	10

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 4 LAT: LONG: U T M: 17 0497080.0 5144875.0 4 REGION: 05 MILEAGE: 80.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 0830			.3		24529	8 9 0				1.0	8.0	26.0	0.032	
13 02 78 0930			.3		24565	8 9 0	472.	66.	300. G	1.0	6.0	6.0	0.096	0.039
18 03 78 0845			.3		24607	8 9 0				2.0	5.0	11.0	0.011	0.001L
MAXIMUM							472.	66.	300.	2.0	8.0	26.0	0.096	0.039
AVG OR GEOM MN (*)							472.*	66.*	300.* U	1.3	6.3	14.3	0.046	0.020D
MINIMUM							472.	66.	300.	1.0	5.0	6.0	0.011	0.001
NO OF SAMPLES							1	1	1	3	3	3	3	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 0830			.3		30.000	41.000	0.045	0.250	30.295	11.000	41.295	1972.0	44.0	1928
13 02 78 0930			.3		33.800	49.000	0.036	0.089	33.925	15.200	49.125	2126.0	13.0	2113
18 03 78 0845			.3		37.200	52.000	0.220			14.800		2250.0	20.0	2230
MAXIMUM					37.200	52.000	0.220	0.250	33.925	15.200	49.125	2250.0	44.0	2230
AVG OR GEOM MN (*)					33.667	47.333	0.100	0.170	32.110	13.667	45.210	2116.0	25.7	2090
MINIMUM					30.000	41.000	0.036	0.089	30.295	11.000	41.295	1972.0	13.0	1928
NO OF SAMPLES					3	3	3	2	2	3	2	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
15 01 78 0830			.3		2350	23.00	160.0	1157.0	3.05	0.0	52	9.26	0.660	752.0
13 02 78 0930			.3		2470	8.00	191.0	1163.0	2.70	0.0	108	9.62	0.570	901.0
18 03 78 0845			.3		2670	23.00	280.0	1179.0	2.50	0.0	105	9.66	1.540	829.0
MAXIMUM					2670	23.00	280.0	1179.0	3.05	0.0	108	9.66	1.540	901.0
AVG OR GEOM MN (*)					2497	18.00	210.3	1166.3	2.75	0.0	88	9.51	0.923	827.3
MINIMUM					2350	8.00	160.0	1157.0	2.50	0.0	52	9.26	0.570	752.0
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

(CONTD)

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 4   LAT: LONG: U T M: 17 0497080.0 5144875.0 4   REGION: 05   MILEAGE: 80.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
15 01 78 0830			.3		260.00	26.00	15	30.50	155.00	61	0.001	0.440	0.020L	0.100
13 02 78 0930			.3		295.00	40.00	15	35.00	230.00	82	0.002	0.100	0.020L	0.080
18 03 78 0845			.3		275.00	34.50	15	36.00	275.00	115	0.002	0.140	0.020L	0.040
MAXIMUM					295.00	40.00	15	36.00	275.00	115	0.002	0.440	0.020	0.100
AVG OR GEOM MN (*)					276.67	33.50	15	33.83	220.00	86	0.002	0.227	0.020D	0.073
MINIMUM					260.00	26.00	15	30.50	155.00	61	0.001	0.100	0.020	0.040
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 0830			.3		0.030L	0.005L	0.040	0.124	0.740	0.020L
13 02 78 0930			.3		0.030L	0.005L	0.020	0.140	0.680	0.020L
18 03 78 0845			.3		0.030L	0.005L	0.040	0.230	0.470	0.020L
MAXIMUM					0.030	0.005	0.040	0.230	0.740	0.020
AVG OR GEOM MN (*)					0.030D	0.005D	0.033	0.165	0.630	0.020D
MINIMUM					0.030	0.005	0.020	0.124	0.470	0.020
NO OF SAMPLES					3	3	3	3	3	3

B.O.W./ SITE: COPPER CLIFF CREEK
SAMPLE POINT: AT CEASAR ROAD SUDBURY
STATION TYPE: RIVER   FLOW GAUGE MOE 02CF107

STATION ID: 14-0028-005-02

IFF
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 5   LAT: LONG: U T M: 17 0497000.0 5146000.0 4   REGION: 05   MILEAGE: 81.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 0855			.3		24530	6 8				1.0	8.0	13.0	0.008	0.001L
13 02 78 0950			.3		24566	6 8	4. L	2. L	4.	1.0	7.0	12.0	0.005	
18 03 78 0910			.3		24608	6 8				1.0	6.0	22.0	0.003	0.001L
16 04 78 0800			.3		24643	3 6 8				1.0	7.0	1.2	0.008	0.001L
14 05 78 0750			.3		24689	3 6 9				13.0	6.0	26.0	0.200	0.002
11 06 78 0910			.3		24729	6 8 9				15.0	6.0	35.0G	0.004	0.001
10 07 78 0810			.3		24775	6 8 9				18.0	6.0	35.0L	0.004	0.001L
20 08 78 0745			.3		24821	6 8				19.0	7.0	0.2	0.044	0.004
17 09 78 0845			.3		24866	6 8				13.0	7.0	0.8		
15 10 78 0915			.3		24912	6 8				6.0	7.0	0.2	0.004	0.001
19 11 78 0750			.3		24958	6 8				1.0	7.0	2.0	0.026	0.005
16 12 78 0720			.3		25004	6 8				0.0	7.0	0.4	0.122	0.007
MAXIMUM							4.	2.	4.	19.0	8.0	35.0	0.200	0.007
AVG OR GEOM MN (*)							4.* D	2.* D	4.*	7.4	6.8	12.3E	0.039	0.002D
MINIMUM							4.	2.	4.	0.0	6.0	0.2	0.003	0.001
NO OF SAMPLES							1	1	1	12	12	12	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 0855			.3		43.300	59.000	0.058	0.222	43.580	15.700	59.280	2759.0	19.0	2740
13 02 78 0950			.3		46.000	71.500	0.042	0.088	46.130	25.500	71.630	2790.0	7.2	2783
18 03 78 0910			.3		56.000	67.000	0.280			11.000		2744.0	12.0	2732
16 04 78 0800			.3		32.400	46.000	0.265	0.885	33.550	13.600	47.150	2070.0	34.0	2036
14 05 78 0750			.3		22.200	34.200	0.410	2.390	25.000	12.000	37.000	1938.0	309.0	1629
11 06 78 0910			.3		35.400	61.000	0.435	2.210	38.045	25.600	63.645	2581.0	14.0	2567
10 07 78 0810			.3		42.000	57.500	0.345	0.280	42.625	15.500	58.125	2837.0	3.4	2834
20 08 78 0745			.3		15.800	18.700	0.165	0.980	16.945	2.900	19.845	2423.0	5.1	2418
17 09 78 0845			.3		39.000	45.000	0.047	0.560	39.607	6.000	45.607	2936.0	3.4	2933
15 10 78 0915			.3		31.200	40.000	0.062	0.840	32.102	8.800	40.902	2501.0	5.3	2496
19 11 78 0750			.3		25.000	27.300	0.065	1.040	26.105	2.300	28.405	2212.0	56.0	2156
16 12 78 0720			.3		22.0	28.5	0.092	1.21	23.302	6.500	29.802	2654.	188.	2466
MAXIMUM					56.000	71.500	0.435	2.390	46.130	25.600	71.630	2936.0	309.0	2933
AVG OR GEOM MN (*)					34.192	46.308	0.189	0.973	33.363	12.117	45.581	2537.1	54.7	2483
MINIMUM					15.800	18.700	0.042	0.088	16.945	2.300	19.845	1938.0	3.4	1629
NO OF SAMPLES					12	12	12	11	11	12	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 01 78 0855			.3		3070	13.00	210.0	1590.0	2.30	0.0	104	9.84	0.590	
13 02 78 0950			.3		3065	4.70	210.0		1.90	0.0	120	9.91	0.360	
18 03 78 0910			.3		3040	2.60	280.0	1450.0	2.05	0.0	138	10.01	0.640	
16 04 78 0800			.3		2400	17.00	240.0	1088.0	1.35	0.0	73	9.39	2.400	
14 05 78 0750			.3		1950	120.00	73.0	1025.0	2.45	0.0	40	9.02	9.800	4.0
11 06 78 0910			.3		2800	7.70	285.0	1381.0	1.70	0.0	109	9.81	0.510	1.0
10 07 78 0810			.3		2960	2.10	175.0	1634.0	2.60	0.0	101	9.67	0.120	
20 08 78 0745			.3		2500	2.80	80.0	1400.0	2.20	0.0	61	9.96	0.270	1.0
17 09 78 0845			.3		2800	2.80	92.0	1550.0	2.50	0.0	116	10.05	0.220	3.0
15 10 78 0915			.3		2550	3.90	81.0	1525.0	2.85	0.0	94	9.67	0.450	
19 11 78 0750			.3		2400	25.00	75.0	1338.0	2.50	0.0	36	8.78	2.000	
16 12 78 0720			.3		2400	120.	87.	1400.	15.5	0.	70	9.56	6.4	
MAXIMUM					3070	120.00	285.0	1634.0	15.5	0.0	138	10.05	9.800	4.0
AVG OR GEOM MN (*)					2661	26.80	157.3	1398.3	3.33	0.0	89	9.64	1.980	2.3
MINIMUM					1950	2.10	73.0	1025.0	1.35	0.0	36	8.78	0.120	1.0
NO OF SAMPLES					12	12	12	11	12	12	12	12	12	4

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
15 01 78 0855			.3		1163.0	400.00	40.00	10	46.50	170.00	78	0.001L	0.240	0.020L
13 02 78 0950			.3		1217.0	405.00	50.00	5	44.00	280.00	108	0.001	0.070	0.020L
18 03 78 0910			.3		1062.0	365.00	41.50	10	46.00	300.00	189	0.001	0.100	0.020L
16 04 78 0800			.3		872.0	295.00	33.00	45	33.50	220.00	110			
14 05 78 0750			.3		652.0	235.00	26.50	40	24.50	165.00	50	0.001	6.700	0.020L
11 06 78 0910			.3		1108.0	391.00	32.00	8	42.00	280.00	128	0.001	0.380	0.040L
10 07 78 0810			.3		1172.0	410.00	36.00	18	44.50	275.00	72	0.001	0.050L	0.020L
20 08 78 0745			.3		1063.0	410.00	9.50	6	34.00	210.00	27			
17 09 78 0845			.3		1197.0	410.00	40.00	3	37.00	230.00	42	0.001L	0.260	0.020L
15 10 78 0915			.3		1080.0	350.00	50.00	49	35.00	190.00	33	0.001L	0.150	0.020L
19 11 78 0750			.3		1021.0	310.00	60.00	17	30.00	155.00	24	0.001	1.0	0.02 L
16 12 78 0720			.3		1126.	352.	60.	22	34.5	148.	26	0.001	5.2	0.02 L
MAXIMUM					1217.0	410.00	60.00	49	46.50	300.00	189	0.001	6.700	0.040
AVG OR GEOM MN (*)					1062.8	361.08	39.88	19	37.63	218.58	74	0.001D	1.415D	0.022D
MINIMUM					652.0	235.00	9.50	3	24.50	148.	24	0.001	0.050	0.020
NO OF SAMPLES					12	12	12	12	12	12	12	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 0855			.3		0.050	0.030L	0.005L	0.010L	0.084	0.220	0.020L
13 02 78 0950			.3		0.060	0.030L	0.005L	0.010L		0.240	0.020L
18 03 78 0910			.3		0.050	0.030L	0.005L	0.010L	0.092	0.220	0.020L
16 04 78 0800			.3						0.116		
14 05 78 0750			.3		0.720	0.030L	0.020L	0.010L	0.200	0.860	0.020L
11 06 78 0910			.3		0.050	0.030L	0.005L	0.010L	0.051	0.120	0.020L
10 07 78 0810			.3		0.060	0.030L	0.005L	0.010L	0.024	0.110	0.020L
20 08 78 0745			.3						0.024		
17 09 78 0845			.3		0.090	0.030L	0.005L	0.020	0.024	0.080	0.020
15 10 78 0915			.3		0.070	0.030L	0.005L	0.020	0.066	0.400	0.020L
19 11 78 0750			.3		0.10	0.03 L	0.005L	0.03	0.350	1.6	0.02
16 12 78 0720			.3		0.05	0.03 L	0.005L	0.01	0.150	0.29	0.02 L
MAXIMUM					0.720	0.030	0.020	0.03	0.350	1.6	0.020
AVG OR GEOM MN (*)					0.130	0.030D	0.007D	0.014D	0.107	0.414	0.020D
MINIMUM					0.050	0.030	0.005	0.010	0.024	0.080	0.020
NO OF SAMPLES					10	10	10	10	11	10	10

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH WHITSON RIVER
STATION TYPE: RIVER

STATION ID: 14-0028-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 6 LAT: LONG: U T M: 17 0477900.0 5152300.0 4 REGION: 05 MILEAGE: 79.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1310			.3		24537	6 8				0.0	12.0	0.2	0.013	0.003
13 02 78 1410			.3		24573	6 8 4	8.	2. L	2. L	0.0	12.0	0.2	0.013	0.007
18 03 78 1310			.3		24615	6 8				0.0	13.0	0.2	0.028	0.013
16 04 78 1150			.3		24651	3 6 8				1.0	11.0	0.8	0.032	0.014
14 05 78 1145			.3		24697	3 6 8				12.0	12.0	0.8	0.023	0.003
11 06 78 1250			.3		24737	6 8				15.0	11.0	0.2	0.006	0.002
10 07 78 1125			.3		24783	6 8				17.0	9.0	0.8	0.009	0.001
20 08 78 1130			.3		24829	6 8				18.0	12.0	0.2	0.009	0.001
17 09 78 1140			.3		24874	6 8				12.0	12.0	0.2	0.014	0.004
15 10 78 1310			.3		24920	6 8				6.0	11.0	0.4	0.012	0.002
19 11 78 1145			.3		24966	6 8				1.0	12.0	0.2	0.018	0.006
16 12 78 1110			.3		25012	6 8				0.0	12.0	0.2	0.011	0.004
MAXIMUM							8.	2.	2.	18.0	13.0	0.8	0.032	0.014
AVG OR GEOM MN (*)							8.*	2.* D	2.* D	6.8	11.6	0.4	0.016	0.005
MINIMUM							8.	2.	2.	0.0	9.0	0.2	0.006	0.001
NO OF SAMPLES							1	1	1	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
15 01 78 1310			.3		0.110	0.320	0.007	0.153	0.270	0.210	0.480	97.0	0.9	96
13 02 78 1410			.3		0.170	0.370	0.008	0.157	0.335	0.200	0.535	102.0	1.0	101
18 03 78 1310			.3		0.164	0.350	0.002	0.268	0.434	0.186	0.620	90.0	5.7	84
16 04 78 1150			.3		0.184	0.440	0.007	0.405	0.596	0.256	0.852	108.0	4.2	104
14 05 78 1145			.3		0.038	0.320	0.004	0.115	0.157	0.282	0.439	59.0	10.0	49
11 06 78 1250			.3		0.024	0.280	0.003	0.060	0.087	0.256	0.343	56.0	1.5	55
10 07 78 1125			.3		0.014	0.260	0.002	0.005L	0.021	0.246	0.267	63.0	3.8	59
20 08 78 1130			.3		0.014	0.330	0.001	0.005L	0.020	0.316	0.336	74.0	1.8	72
17 09 78 1140			.3		0.010	0.240	0.005	0.135	0.150	0.230	0.380	76.0	2.1	74
15 10 78 1310			.3		0.019	0.340	0.003	0.110	0.132	0.321	0.453	64.0	2.2	62
19 11 78 1145			.3		0.074	0.300	0.006	0.174	0.254	0.226	0.480	72.0	4.0	68
16 12 78 1110			.3		0.092	0.30	0.005	0.175	0.272	0.208	0.480	76.	0.6	75
MAXIMUM					0.184	0.440	0.008	0.405	0.596	0.321	0.852	108.0	10.0	104
AVG OR GEOM MN (*)					0.076	0.321	0.004	0.147D	0.227	0.245	0.472	78.1	3.2	75
MINIMUM					0.010	0.240	0.001	0.005	0.020	0.186	0.267	56.0	0.6	49
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

```
 B.O.W./ SITE: VERMILION RIVER                                                     STATION ID:  14-0028-006-02
 SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH WHITSON RIVER
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                   002
                                                     TERM STREAM: SPANISH RIVER                                7950

STN NO:      6    LAT:           LONG:               U T M: 17 0477900.0 5152300.0 4   REGION: 05      MILEAGE:   79.40

                                          14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ        COND.     TURB.    CHLORIDE
DY MO YR LMT   DIST BRG DEPTH             25C   FORMAZIN      MG/L
               FEET       MTRS          UMHOS     UNITS

15 01 78 1310               .3            147      1.40        5.2
13 02 78 1410               .3            156      2.20        5.3
18 03 78 1310               .3            130      1.40        5.0
16 04 78 1150               .3            160      2.40        8.3
14 05 78 1145               .3             76      3.60        2.6
11 06 78 1250               .3             85      0.80        2.3
10 07 78 1125               .3             91      1.50        2.9
20 08 78 1130               .3            110      0.90        4.0
17 09 78 1140               .3            114      4.10        5.2
15 10 78 1310               .3             95      1.70        3.7
19 11 78 1145               .3            105      2.50        4.0
16 12 78 1110               .3            115      1.3         4.6

                       MAXIMUM            160      4.10        8.3
           AVG OR GEOM MN (*)             115      1.98        4.4
                       MINIMUM             76      0.80        2.3

                 NO OF SAMPLES             12        12         12
```

```
 B.O.W./ SITE: WHITSON RIVER                                                       STATION ID:  14-0028-008-02
 SAMPLE POINT: AT BRIDGE IN CHELMSFORD
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                   002
                                                     TERM STREAM: SPANISH RIVER                                7950

STN NO:      8    LAT:           LONG:               U T M: 17 0484700.0 5158600.0 4   REGION: 05      MILEAGE:   86.50

                                          934       901       80        81         84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD    TOTAL     FECAL       M.F.     WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH               NO            COLIFORM  COLIFORM    ENTER.     TEMP.       02       BOD         P  REACTIVE
               FEET       MTRS                            MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L      MG/L      MG/L    P MG/L

15 01 78 1200               .3            24535    6 8                                     0.0      11.0       0.2     0.002     0.001
13 02 78 1250               .3            24571    6 8 4      10.        8.        2.  L   0.0      10.0       0.4     0.013     0.001
18 03 78 1200               .3            24613    6 8                                     0.0      10.0       0.4     0.019     0.005
16 04 78 1055               .3            24649    3 6 8                                   1.0       9.0       0.8     0.032     0.008
14 05 78 1045               .3            24695    3 6 8     120.       24.                12.0      10.0       1.0     0.054     0.006
11 06 78 1200               .3            24735    6 8        40.        4.  L             15.0       9.0       0.2     0.014     0.003
10 07 78 1100               .3            24781    6 8       260.       32.                17.0       9.0       0.6     0.013     0.001
20 08 78 1035               .3            24827    6 8       380.      196.                19.0      10.0       0.2     0.013     0.002
17 09 78 1050               .3            24872    6 8       780.       76.                12.0      10.0       0.4     0.030     0.008
15 10 78 1215               .3            24918    6 8        80.       28.                 6.0      10.0       0.5     0.026     0.004
19 11 78 1050               .3            24964    6 8       200.       64.                 1.0      10.0       0.4     0.030     0.008
16 12 78 1015               .3            25010    6 8                                     0.0      11.0       0.2     0.017     0.004




                       MAXIMUM                               780.      196.        2.      19.0      11.0       1.0     0.054     0.008
           AVG OR GEOM MN (*)                                125.*      30.* D     2.* D    6.9       9.9       0.4     0.022     0.004
                       MINIMUM                                10.        4.        2.       0.0       9.0       0.2     0.002     0.001

                 NO OF SAMPLES                                  8         8         1        12        12        12        12        12

                                           19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ      FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.   CALCUL
DY MO YR LMT   DIST BRG DEPTH          AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET       MTRS            MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

15 01 78 1200               .3           0.080     0.280     0.007     0.278     0.365     0.200     0.565     160.0       0.8       159
13 02 78 1250               .3           0.114     0.410     0.006     0.269     0.389     0.296     0.685     172.0       0.7       171
18 03 78 1200               .3           0.116     0.370     0.005     0.440     0.561     0.254     0.815     205.0       7.8       197
16 04 78 1055               .3           0.176     0.580     0.009     0.510     0.695     0.404     1.099     129.0      12.0       117
14 05 78 1045               .3           0.048     0.700     0.009     0.195     0.252     0.652     0.904     165.0      32.0       133
11 06 78 1200               .3           0.024     0.380     0.007     0.390     0.421     0.356     0.777     207.0       1.9       205
10 07 78 1100               .3           0.016     0.310     0.004     0.245     0.265     0.294     0.559     211.0       2.9       208
20 08 78 1035               .3           0.038     0.370     0.005     0.190     0.233     0.332     0.565     217.0       2.4       215
17 09 78 1050               .3           0.032     0.850     0.011     0.240     0.283     0.818     1.101     168.0       4.6       163
15 10 78 1215               .3           0.013     0.660     0.006     0.120     0.139     0.647     0.786     124.0       4.2       120
19 11 78 1050               .3           0.025     0.520     0.007     0.268     0.300     0.495     0.795     156.0      10.0       146
16 12 78 1015               .3           0.110     0.41      0.006     0.294     0.410     0.300     0.710     164.        0.7       163

                       MAXIMUM           0.176     0.850     0.011     0.510     0.695     0.818     1.101     217.0      32.0       215
           AVG OR GEOM MN (*)            0.066     0.487     0.007     0.287     0.359     0.421     0.780     173.2       6.7       166
                       MINIMUM           0.013     0.280     0.004     0.120     0.139     0.200     0.559     124.0       0.7       117

                 NO OF SAMPLES              12        12        12        12        12        12        12        12        12        12

                                          14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ        COND.     TURB.    CHLORIDE
DY MO YR LMT   DIST BRG DEPTH             25C   FORMAZIN      MG/L
               FEET       MTRS          UMHOS     UNITS

15 01 78 1200               .3            245      2.30       13.0
13 02 78 1250               .3            263      3.40       14.0
18 03 78 1200               .3            303      3.10       15.0
16 04 78 1055               .3            180      4.00       14.0
14 05 78 1045               .3            205      6.30       11.0
11 06 78 1200               .3            315      1.80       15.5
10 07 78 1100               .3            320      2.00       15.0
20 08 78 1035               .3            330      1.50       17.0
17 09 78 1050               .3            250      1.90       13.0
15 10 78 1215               .3            185      2.60        9.9
19 11 78 1050               .3            225      6.40        9.5
16 12 78 1015               .3            254      1.9        19.

                       MAXIMUM            330      6.40       19.
           AVG OR GEOM MN (*)             256      3.10       13.8
                       MINIMUM            180      1.50        9.5

                 NO OF SAMPLES             12        12         12
 B.O.W./ SITE: VERMILION RIVER                                                           STATION ID:  14-0028-009-02
 SAMPLE POINT: DOWNSTREAM FROM CPR YARDS, CAPREOL
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES
                                                         MINOR BASIN: LAKE HURON                      STORET CODE: 02
                                                         TERM STREAM: SPANISH RIVER                                002
                                                                                                                   7950
STN NO:      9     LAT:             LONG:                U T M: 17 0505550.0 5172175.0 4    REGION: 05       MILEAGE:  134.20

                                          934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02      BOD         P  REACTIVE
                FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L     MG/L      MG/L    P MG/L

14 01 78 1040                .3         24525    4 6 8                                  0.0      13.0      0.2     0.003    0.001L
14 02 78 1035                .3         24581    4 6 8     16.        2.  L     2.  L     0.0      13.0      0.2     0.007    0.001
19 03 78 0925                .3         24624    4 6 8     24.        2.        2.  L     0.0      12.0      0.2     0.003    0.001L

                       MAXIMUM                             24.        2.        2.        0.00     13.0      0.2     0.007    0.001
             AVG OR GEOM MN (*)                            20.*       2.* D     2.* D     0.0      12.7      0.2     0.004    0.001D
                       MINIMUM                             16.        2.        2.        0.0      12.0      0.2     0.003    0.001

                 NO OF SAMPLES                              2         2         2         3         3        3         3         3

                                           19        20       21        22        17       18        23         5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.   CALCUL
DY MO YR LMT    DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

14 01 78 1040                .3         0.018     0.250     0.003     0.117     0.138     0.232     0.370     59.0       6.0        53
14 02 78 1035                .3         0.056     0.410     0.002     0.073     0.131     0.354     0.485     53.0       0.4        53
19 03 78 0925                .3         0.036     0.200     0.001     0.179     0.216     0.164     0.380     62.0       1.6        60

                       MAXIMUM          0.056     0.410     0.003     0.179     0.216     0.354     0.485     62.0       6.0        60
             AVG OR GEOM MN (*)         0.037     0.287     0.002     0.123     0.162     0.250     0.412     58.0       2.7        55
                       MINIMUM          0.018     0.200     0.001     0.073     0.131     0.164     0.370     53.0       0.4        53

                 NO OF SAMPLES              3         3         3         3         3         3         3        3         3         3

                                           14        16       56       265       203       221       225       229       215       249
SAMP DTE HOUR   STN  STN SAMP  PJ       COND.     TURB.  CHLORIDE     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH            25C  FORMAZIN      MG/L   ARSENIC  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
                FEET      MTRS          UMHOS     UNITS                MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

14 01 78 1040                .3            81      2.80       2.7    0.001L    0.380     0.020L    0.030     0.030L    0.005L    0.010L
14 02 78 1035                .3            82      1.40       1.8    0.001L    0.050L    0.020L    0.020     0.030L    0.005L    0.010L
19 03 78 0925                .3            92      1.60       2.5    0.001L    0.100     0.020L    0.010L    0.030L    0.005L    0.010L

                       MAXIMUM             92      2.80       2.7    0.001     0.380     0.020     0.030     0.030     0.005     0.010
             AVG OR GEOM MN (*)            85      1.93       2.3    0.001D    0.177D    0.020D    0.020D    0.030D    0.005D    0.010D
                       MINIMUM             81      1.40       1.8    0.001     0.050     0.020     0.010     0.030     0.005     0.010

                 NO OF SAMPLES              3         3         3         3         3         3         3         3         3         3

                                          238       217
SAMP DTE HOUR   STN  STN SAMP  PJ       TOTAL     TOTAL
DY MO YR LMT    DIST BRG DEPTH         NICKEL    COBALT
                FEET      MTRS           MG/L      MG/L

14 01 78 1040                .3        0.020L    0.020L
14 02 78 1035                .3        0.020L    0.020L
19 03 78 0925                .3        0.020L    0.020L



                       MAXIMUM         0.020     0.020
             AVG OR GEOM MN (*)        0.020D    0.020D
                       MINIMUM         0.020     0.020

                 NO OF SAMPLES              3         3


 B.O.W./ SITE: VERMILION RIVER
 SAMPLE POINT: AT FOOT OF BASS LAKE UPSTREAM FROM CAPREOL                                STATION ID:  14-0028-010-02
 STATION TYPE: RIVER    FLOW GAUGE FED 02CF100           MAJOR BASIN: GREAT LAKES
                                                         MINOR BASIN: LAKE HURON                      STORET CODE: 02
                                                         TERM STREAM: SPANISH RIVER                                002
                                                                                                                   7950
STN NO:     10     LAT:             LONG:                U T M: 17 0503750.0 5173200.0 4    REGION: 05       MILEAGE:  137.60

                                          934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02      BOD         P  REACTIVE
                FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L     MG/L      MG/L    P MG/L

14 01 78 1000                .3         24524    4 6 8                                  0.0      13.0      0.2     0.008    0.002
14 02 78 0950                .3         24580    4 6 8     4.         2.  L     2.        0.0      13.0      0.4     0.006    0.002
19 03 78 0845                .3         24623    4 6 8     4.  L      2.  L     2.  L     0.0      12.0      0.2     0.004    0.001L
17 04 78 0840                .3         24658    3 6 8                                  1.0      12.0      0.5     0.006    0.001
14 05 78 1545                .3         24704    3 6 8                                 12.0      12.0      0.4     0.009    0.003
12 06 78 0920                .3         24744    6 8                                   15.0      11.0      0.2     0.004    0.001
10 07 78 1505                .3         24790    6 8                                   17.0      12.0      0.5     0.008    0.001
20 08 78 1450                .3         24836    6 8                                   18.0      12.0      0.4     0.046    0.021
17 09 78 1500                .3         24881    6 8                                   12.0      11.0      0.4     0.008    0.001
16 10 78 0850                .3         24927    6 8                                    4.0      12.0      0.2     0.019    0.003
19 11 78 1530                .3         24973    6 8                                    0.0      13.0      0.2     0.006    0.001
16 12 78 1450                .3         25019    6 8                                    0.0      13.0      0.2     0.006    0.001L

                       MAXIMUM                             4.         2.        2.       18.0      13.0      0.5     0.046    0.021
             AVG OR GEOM MN (*)                            4.* D      2.* D     2.* D     6.6      12.2      0.3     0.011    0.0030
                       MINIMUM                             4.         2.        2.        0.0      11.0      0.2     0.004    0.001

                 NO OF SAMPLES                              2         2         2        12        12       12        12        12

                                           19        20       21        22        17       18        23         5         6         7
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT    DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS    SOLIDS
                FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

14 01 78 1000                .3         0.024     0.260     0.003     0.127     0.154     0.236     0.390     66.0      14.0
14 02 78 0950                .3         0.044     0.280     0.002     0.088     0.134     0.236     0.370     53.0       0.6
19 03 78 0845                .3         0.036     0.220     0.001     0.164     0.201     0.184     0.385     59.0       1.0
17 04 78 0840                .3         0.070     0.250     0.004     0.255     0.329     0.180     0.509     60.0       2.0
14 05 78 1545                .3         0.020     0.230     0.003     0.090     0.113     0.210     0.323     38.0       4.2
12 06 78 0920                .3         0.014     0.240     0.003     0.055     0.072     0.226     0.298     47.0       1.3
10 07 78 1505                .3         0.008     0.230     0.002     0.035     0.045     0.222     0.267     51.0       0.1
20 08 78 1450                .3         0.056     0.340     0.002     0.028     0.086     0.284     0.370     63.0       1.9
17 09 78 1500                .3         0.026     0.390     0.003     0.130     0.159     0.364     0.523     61.0       1.6
16 10 78 0850                .3         0.009     0.310     0.002     0.090     0.101     0.301     0.402     43.0       1.1
19 11 78 1530                .3         0.015     0.200     0.002     0.108     0.125     0.185     0.310     48.0       0.9
16 12 78 1450                .3         0.028     0.22      0.002     0.118     0.148     0.192     0.340     50.        0.3        50
```

(C O N T D)

STATION ID: 14-0028-010-02

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: AT FOOT OF BASS LAKE UPSTREAM FROM CAPREOL
STATION TYPE: RIVER FLOW GAUGE FED 02CF100

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 10 LAT: LONG: U T M: 17 0503750.0 5173200.0 4 REGION: 05 MILEAGE: 137.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
MAXIMUM					0.070	0.390	0.004	0.255	0.329	0.364	0.523	66.0	14.0	50
AVG OR GEOM MN (*)					0.029	0.264	0.002	0.107	0.139	0.235	0.374	53.3	2.4	50
MINIMUM					0.008	0.200	0.001	0.028	0.045	0.180	0.267	38.0	0.1	50
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SθLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
14 01 78 1000			.3		52	80	3.10	2.2	0.006	0.240	0.020L	0.040	0.030L	0.005L
14 02 78 0950			.3		52	81	1.60	1.8	0.001L	0.060	0.020L	0.040	0.030L	0.005L
19 03 78 0845			.3		58	89	1.40	1.9	0.001L	0.140	0.020L	0.010L	0.030L	0.005L
17 04 78 0840			.3		58	89	1.10	3.1	0.001L	0.140	0.020L	0.010L	0.030L	0.005L
14 05 78 1545			.3		34	53	1.60	1.0	0.001	0.20	0.02 L	0.10	0.03 L	0.005L
12 06 78 0920			.3		46	69	1.00	1.4	0.001	0.260	0.020L	0.030	0.030L	0.005L
10 07 78 1505			.3		51	79	0.70	1.5	0.001	0.220	0.020L	0.060	0.030L	0.005L
20 08 78 1450			.3		61	94	1.60	2.3	0.001	0.220	0.020L	0.060	0.030L	0.005L
17 09 78 1500			.3		59	90	1.30	2.3	0.001L	0.130	0.020L	0.030	0.030L	0.005L
16 10 78 0850			.3		42	64	2.00	1.3	0.001	0.100	0.020L	0.110	0.030L	0.005L
19 11 78 1530			.3		47	73	2.40	1.6	0.001L	0.41	0.02 L	0.04	0.03 L	0.005L
16 12 78 1450			.3			77	1.1	1.8	0.001L	0.10	0.02 L	0.03	0.03 L	0.005L
MAXIMUM					61	94	3.10	3.1	0.006	0.41	0.020	0.110	0.030	0.005
AVG OR GEOM MN (*)					51	78	1.58	1.8	0.001D	0.185	0.020D	0.047D	0.030D	0.005D
MINIMUM					34	53	0.70	1.0	0.001	0.060	0.020	0.010	0.030	0.005
NO OF SAMPLES					11	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
14 01 78 1000			.3		0.010L	0.020L	0.020L
14 02 78 0950			.3		0.010L	0.020L	0.020L
19 03 78 0845			.3		0.010L	0.020L	0.020L
17 04 78 0840			.3		0.010L	0.020L	0.020L
14 05 78 1545			.3		0.01	0.02 L	0.02 L
12 06 78 0920			.3		0.010	0.020L	0.020L
10 07 78 1505			.3		0.010	0.020L	0.020L
20 08 78 1450			.3		0.010	0.020L	0.020L
17 09 78 1500			.3		0.010L	0.020L	0.020L
16 10 78 0850			.3		0.010	0.030	0.020L
19 11 78 1530			.3		0.01 L	0.02 L	0.02 L
16 12 78 1450			.3		0.01	0.02 L	0.02 L
MAXIMUM					0.010	0.030	0.020
AVG OR GEOM MN (*)					0.010D	0.021D	0.020D
MINIMUM					0.010	0.020	0.020
NO OF SAMPLES					12	12	12

STATION ID: 14-0028-011-02

B.O.W./ SITE: ROBERTS RIVER
SAMPLE POINT: AT MILNET - SHELLWOOD ROAD, MOOSE MINE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 11 LAT: LONG: U T M: 17 0498600.0 5187350.0 4 REGION: 05 MILEAGE: 146.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 0915			.3		24659	3 6 8	1.0	10.0	0.5	0.012	0.001	0.102	0.330	0.007
14 05 78 1610			.3		24705	3 6 8	12.0	11.0	0.8	0.014	0.003	0.014	0.250	0.003
12 06 78 0945			.3		24745	6 8	15.0	10.0	0.2	0.006	0.001	0.028	0.260	0.004
10 07 78 1530			.3		24791	6 8	17.0	10.0	0.6	0.008	0.001L	0.014	0.240	0.002
20 08 78 1530			.3		24837	6 8	18.0	11.0	0.2	0.009	0.001	0.012	0.250	0.002
17 09 78 1530			.3		24882	6 8	12.0	11.0	0.4	0.009	0.001	0.016	0.250	0.004
16 10 78 1000			.3		24928	6 8	4.0	11.0	0.2	0.012	0.003	0.028	0.300	0.005
19 11 78 1600			.3		24974	6 8	0.0	12.0	0.2	0.038	0.020	0.025	0.230	0.002
16 12 78 1525			.3		25020	4 6 8	0.0	12.0	0.2	0.009	0.001	0.042	0.24	0.002
MAXIMUM							18.0	12.0	0.8	0.038	0.020	0.102	0.330	0.007
AVG OR GEOM MN (*)							8.8	10.9	0.4	0.013	0.004D	0.031	0.261	0.003
MINIMUM							0.0	10.0	0.2	0.006	0.001	0.012	0.230	0.002
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 04 78 0915			.3		0.385	0.494	0.228	0.722	78.0	6.8	71	109	2.60	6.0
14 05 78 1610			.3		0.100	0.117	0.236	0.353	37.0	3.6	33	51	1.70	1.2
12 06 78 0945			.3		0.160	0.192	0.232	0.424	54.0	1.9	52	79	1.40	1.7
10 07 78 1530			.3		0.130	0.146	0.226	0.372	85.0	2.4	83	127	1.00	3.2
20 08 78 1530			.3		0.088	0.102	0.238	0.340	125.0	1.3	124	190	1.50	5.0
17 09 78 1530			.3		0.210	0.230	0.234	0.464	78.0	1.2	77	118	1.60	2.6
16 10 78 1000			.3		0.150	0.183	0.272	0.455	45.0	1.5	43	66	2.00	1.3
19 11 78 1600			.3		0.158	0.185	0.205	0.390	54.0	1.0	53	81	2.50	2.0
16 12 78 1525			.3		0.118	0.162	0.198	0.360	38.	0.2	38	59	1.3	0.6
MAXIMUM					0.385	0.494	0.272	0.722	125.0	6.8	124	190	2.60	6.0
AVG OR GEOM MN (*)					0.167	0.201	0.230	0.431	66.0	2.2	64	98	1.73	2.8
MINIMUM					0.088	0.102	0.198	0.340	37.0	0.2	33	51	1.00	0.6
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

```
                                           265        203        221        225        229        215        249        238        217
SAMP DTE HOUR   STN  STN SAMP  PJ        TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH         ARSENIC   ALUMINUM   CHROMIUM     COPPER       LEAD    CADMIUM       ZINC     NICKEL     COBALT
                FEET      MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 05 78 16'0               .3          0.001L     0.16       0.02 L     0.05       0.03 L     0.005L     0.02       0.02 L     0.02 L
12 06 78 0945               .3          0.001      0.130      0.020L     0.050      0.030L     0.005L     0.020      0.020L     0.020L
10 07 78 1530               .3          0.001      0.320      0.020L     0.040      0.030L     0.005L     0.040      0.090      0.020L
20 08 78 1530               .3          0.001      0.320      0.020L     0.040      0.030L     0.005L     0.040      0.090      0.020L
17 09 78 1530               .3          0.001L     0.290      0.020L     0.010      0.030L     0.005L     0.020      0.020L     0.020L
16 10 78 1000               .3          0.001      0.140      0.020L     0.110      0.030L     0.005L     0.020      0.020L     0.020L
19 11 78 1600               .3          0.001L     0.32       0.02 L     0.03       0.03 L     0.005L     0.07       0.02       0.02 L
16 12 78 1525               .3          0.001L     0.33       0.02 L     0.02       0.03 L     0.005L     0.03       0.02 L     0.02 L

                       MAXIMUM          0.001      0.33       0.02       0.110      0.03       0.005      0.07       0.090      0.02
           AVG OR GEOM MN (*)           0.001D     0.251      0.020D     0.044      0.030D     0.005D     0.033      0.038D     0.020D
                       MINIMUM          0.001      0.130      0.02       0.010      0.03       0.005      0.02       0.02       0.02

               NO OF SAMPLES                8          8          8          8          8          8          8          8          8


B.O.W./ SITE: ONAPING RIVER                                                                  STATION ID:  14-0028-012-02
SAMPLE POINT: 1 MILES UPSTREAM FROM HIGH FALLS
STATION TYPE: RIVER    FLOW GAUGE FED 02CF010         MAJOR BASIN: GREAT LAKES
                                                      MINOR BASIN: LAKE HURON                       STORET CODE: 02
                                                      TERM STREAM: SPANISH RIVER                                 002
                                                                                                                 7950
STN NO:     12     LAT:                LONG:          U T M: 17 0470800.0 5161100.0 4    REGION: 05       MILEAGE:  106.80

                                           934        901        444         80         81         84        805          3          1         33
SAMP DTE HOUR   STN  STN SAMP  PJ       SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT    DIST BRG DEPTH              NO                        COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P
                FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

15 01 78 1630               .3           24543   6 8                                                       0.0       13.0        0.2      0.005
13 02 78 1525               .3           24575   6 8        147.00      12.         2.  L     10.          0.0       13.0        0.2      0.028
18 03 78 1410               .3           24617   6 8        120.00                                         0.0       12.0        0.2      0.050
16 04 78 1250               .3           24653   3 6 8      210.00                                         0.0       10.0        1.0      0.026
14 05 78 1255               .3           24699   3 6 8     2740.00                                        12.0       11.0        0.4      0.024
11 06 78 1345               .3           24739   6 8        304.00                                        15.0       10.0        0.2      0.015
10 07 78 1235               .3           24785   6 8        131.00                                        17.0       11.0        0.5      0.012
20 08 78 1225               .3           24831   6 8         81.60                                        18.0       12.0        0.2      0.017
17 09 78 1230               .3           24876   6 8        282.00                                        12.0       12.0        0.6      0.044
15 10 78 1400               .3           24922   6 8        585.00                                         6.0       11.0        0.2      0.007
19 11 78 1235               .3           24968   6 8        340.00                                         0.0       12.0        0.2      0.012
16 12 78 1205               .3           25014   6 8        176.00                                         0.0       12.0        0.2      0.652

                       MAXIMUM                             2740.00      12.         2.        10.         18.0       13.0        1.0      0.652
           AVG OR GEOM MN (*)                               465.15      12.*        2.* D     10.*         6.7       11.6        0.3      0.074
                       MINIMUM                               81.60      12.         2.        10.          0.0       10.0        0.2      0.005

               NO OF SAMPLES                                    11          1          1          1         12         12         12         12

                                            34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR   STN  STN SAMP  PJ     FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT    DIST BRG DEPTH        REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N           N    ORGNC  N               SOLIDS     SOLIDS
                FEET      MTRS          P MG/L       MG/L       MG/L   MG/L       MG/L          MG/L       MG/L       MG/L       MG/L       MG/L

15 01 78 1630               .3          0.001      0.080      0.240      0.004      0.111      0.195      0.160      0.355       41.0        1.2



13 02 78 1525               .3          0.013      0.212      0.460      0.012      0.188      0.412      0.248      0.660       89.0        1.0
18 03 78 1410               .3          0.037      0.098      0.310      0.057      0.213      0.368      0.212      0.580       46.0        2.9
16 04 78 1250               .3          0.004      0.238      0.480      0.034      0.285      0.557      0.242      0.799      180.0       18.0
14 05 78 1255               .3          0.001      0.048      0.420      0.006      0.115      0.169      0.372      0.541       95.0       38.0
11 06 78 1345               .3          0.003      0.030      0.280      0.006      0.060      0.096      0.250      0.346       55.0        2.6
10 07 78 1235               .3          0.001      0.064      0.310      0.016      0.185      0.265      0.246      0.511      155.0        2.2
20 08 78 1225               .3          0.004      0.026      0.260      0.004      0.071      0.101      0.234      0.335       81.0        1.3
17 09 78 1230               .3          0.003      0.034      0.480      0.002      0.085      0.121      0.446      0.567      100.0        6.2
15 10 78 1400               .3          0.002      0.054      0.160      0.002      0.085      0.141      0.106      0.247       98.0        3.0
19 11 78 1235               .3          0.003      0.053      0.280      0.005      0.215      0.273      0.227      0.500       92.0        4.0
16 12 78 1205               .3          0.006      0.152      0.80       0.002      0.148      0.302      0.648      0.950       64.         0.3

                       MAXIMUM          0.037      0.238      0.80       0.057      0.285      0.557      0.648      0.950      180.0       38.0
           AVG OR GEOM MN (*)           0.007      0.091      0.373      0.013      0.147      0.250      0.283      0.533       91.3        6.7
                       MINIMUM          0.001      0.026      0.160      0.002      0.060      0.096      0.106      0.247       41.0        0.3

               NO OF SAMPLES               12         12         12         12         12         12         12         12         12         12

                                           107         14         16         56         59        280         95         52         55        208
SAMP DTE HOUR   STN  STN SAMP  PJ     CALCUL          COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL
DY MO YR LMT    DIST BRG DEPTH        D-SOLIDS         25C   FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
                FEET      MTRS        MG/L           UMHOS      UNITS                    MG/L   SI MG/L       MG/L       MG/L                  MG/L

15 01 78 1630               .3              40         62       1.00        1.3
13 02 78 1525               .3              88        136       1.70        4.9
18 03 78 1410               .3              43         66       1.20        1.5
16 04 78 1250               .3             162        250       7.50       12.5       85.0       3.15        3.7          5       6.60      1.000
14 05 78 1255               .3              57         88      19.00        4.7       28.5       2.40        3.4          1       7.60      0.320
11 06 78 1345               .3              52         79       1.30        3.0       16.0       2.55        1.6         15       6.75      0.460
10 07 78 1235               .3             153        235       1.20       12.0       80.0       2.00        1.4          9       7.02      0.510
20 08 78 1225               .3              80        123       1.20        5.0       22.0       2.40        1.5         30       7.46      0.250
17 09 78 1230               .3              94        144       3.10        8.7       38.0       2.25        2.0          6       6.91      0.490
15 10 78 1400               .3              95        146       1.90        6.6       51.0       2.75        2.2          4       6.13      0.590
19 11 78 1235               .3              88        136       1.90        6.1       50.0       2.95        2.5          4       6.50      0.340
16 12 78 1205               .3              64         98       1.2         2.0       20.        3.35        3.3         12       7.17      0.33

                       MAXIMUM             162        250      19.00       12.5       85.0       3.35        3.7         30       7.60      1.000
           AVG OR GEOM MN (*)               85        130       3.52        5.7       43.4       2.64        2.4         10       6.90      0.477
                       MINIMUM              40         62       1.00        1.3       16.0       2.00        1.4          1       6.13      0.250

               NO OF SAMPLES                12         12         12         12          9          9          9          9          9          9
```

(C O N T D)

STATION ID: 14-0028-012-02

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: 1 MILES UPSTREAM FROM HIGH FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02CF010

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 12 LAT: LONG: U T M: 17 0470800.0 5161100.0 4 REGION: 05 MILEAGE: 106.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
15 01 78 1630			.3										0.001L	0.160
13 02 78 1525			.3										0.001L	0.120
18 03 78 1410			.3										0.001L	0.200
16 04 78 1250			.3			84.0	28.00	3.50	35	3.45	8.80	26		
14 05 78 1255			.3		2.0	27.0	8.40	1.45	35	1.00	3.20	23	0.001	0.89
11 06 78 1345			.3		1.0L	29.0	8.20	1.95	32	0.75	2.00	26	0.001	0.320
10 07 78 1235			.3			84.0	29.00	2.90	41	3.85	9.00	10L	0.001	0.340
20 08 78 1225			.3		1.0L	60.0	19.60	2.80	24	1.20	4.00	20		
17 09 78 1230			.3		1.0L	43.0	13.80	2.00	37	1.65	5.90	23	0.001	0.470
15 10 78 1400			.3			49.0	16.20	2.05	42	1.85	5.50	23	0.001L	0.480
19 11 78 1235			.3			48.0	15.00	2.50	42	1.45	4.00	68	0.001	0.30
16 12 78 1205			.3				9.6		37	0.55	1.8	52	0.001L	0.09
MAXIMUM					2.0	84.0	29.00	3.50	42	3.85	9.00	68	0.001	0.89
AVG OR GEOM MN (*)					1.3D	53.0	16.42	2.39	36	1.75	4.91	30D	0.001D	0.337
MINIMUM					1.0	27.0	8.20	1.45	24	0.55	1.8	10	0.001	0.09
NO OF SAMPLES					4	8	9	8	9	9	9	9	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1630			.3		0.020L	0.020	0.030L	0.005L	0.010L		0.020L	0.020L
13 02 78 1525			.3		0.020L	0.020	0.030L	0.005L	0.010L		0.100	0.020L
18 03 78 1410			.3		0.020L	0.050	0.030L	0.005L	0.030		0.020L	0.020L
16 04 78 1250			.3							0.200		
14 05 78 1255			.3		0.04 L	0.08	0.03 L	0.005L	0.03	0.108	0.36	0.03
11 06 78 1345			.3		0.040L	0.040	0.030L	0.005L	0.020	0.048	0.120	0.020L
10 07 78 1235			.3		0.020L	0.040	0.030L	0.005L	0.020	0.095	0.250	0.020L
20 08 78 1225			.3							0.076		
17 09 78 1230			.3		0.020L	0.010	0.030L	0.005L	0.010	0.080	0.480	0.020
15 10 78 1400			.3		0.020L	0.060	0.030L	0.005L	0.020	0.112	0.480	0.020L
19 11 78 1235			.3		0.02 L	0.09	0.03 L	0.005L	0.09	0.092	0.42	0.03
16 12 78 1205			.3		0.02 L	0.02	0.03 L	0.005L	0.01 L	0.044	0.02 L	0.02 L
MAXIMUM					0.04	0.09	0.030	0.005	0.09	0.200	0.480	0.03
AVG OR GEOM MN (*)					0.024D	0.043	0.030D	0.005D	0.025D	0.095	0.227D	0.022D
MINIMUM					0.020	0.010	0.030	0.005	0.010	0.044	0.020	0.020
NO OF SAMPLES					10	10	10	10	10	9	10	10

STATION ID: 14-0028-013-02

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: UPSTREAM FROM LEVACK SEPTIC TANK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 13 LAT: LONG: U T M: 17 0469400.0 5165450.0 4 REGION: 05 MILEAGE: 110.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1605			.3		24542	6 8				0.0	13.0	0.6	0.008	0.001L
13 02 78 1645			.3		24578	4 6 8	50.	2. L	14.	0.0	13.0	0.2	0.026	0.012
18 03 78 1610			.3		24621	4 6 8				0.0	12.0	0.2	0.050	0.042
16 04 78 1400			.3		24655	3 6 8				0.0	11.0	1.8	0.015	0.001L
14 05 78 1345			.3		24701	3 6 8				13.0	12.0	0.4	0.018	0.006
11 06 78 1425			.3		24741	6 8				15.0	12.0	0.2	0.016	0.003
10 07 78 1320			.3		24787	6 8				17.0	11.0	0.5	0.010	0.001
20 08 78 1315			.3		24833	6 8				18.0	12.0	0.2	0.005	0.001
17 09 78 1320			.3		24878	6 8				12.0	12.0	0.2	0.006	0.002
15 10 78 1445			.3		24924	6 8				6.0	11.0	0.2	0.010	0.001
19 11 78 1325			.3		24970	6 8				0.0	12.0	0.2	0.018	0.010
16 12 78 1300			.3		25016	6 8 4				0.0	13.0	0.5	0.011	0.006
MAXIMUM							50.	2.	14.	18.0	13.0	1.8	0.050	0.042
AVG OR GEOM MN (*)							50.*	2.* D	14.*	6.8	12.0	0.4	0.016	0.007D
MINIMUM							50.	2.	14.	0.0	11.0	0.2	0.005	0.001
.NO OF SAMPLES							1	1	1	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 1605			.3		0.080	0.260	0.004	0.111	0.195	0.180	0.375	42.0	2.3	
13 02 78 1645			.3		0.216	0.400	0.012	0.178	0.406	0.184	0.590	89.0	0.9	
18 03 78 1610			.3		0.100	0.360	0.058	0.222	0.380	0.260	0.640	46.0	1.7	
16 04 78 1400			.3		0.990	1.250	0.069	0.440	1.499	0.260	1.759	875.0	20.0	855
14 05 78 1345			.3		0.024	0.320	0.006	0.080	0.110	0.296	0.406	43.0	15.0	
11 06 78 1425			.3		0.018	0.250	0.017	0.020	0.055	0.232	0.287	40.0	1.4	
10 07 78 1320			.3		0.012	0.240	0.003	0.055	0.070	0.228	0.298	41.0	1.3	
20 08 78 1315			.3		0.008	0.210	0.002	0.048	0.058	0.202	0.260	46.0	0.5	
17 09 78 1320			.3		0.006	0.380	0.003	0.025	0.034	0.374	0.408	40.0	1.6	
15 10 78 1445			.3		0.002	0.320	0.003	0.030	0.035	0.318	0.353	39.0	1.7	
19 11 78 1325			.3		0.028	0.240	0.003	0.147	0.178	0.212	0.390	39.0	1.0	
16 12 78 1300			.3		0.050	0.35	0.002	0.128	0.180	0.300	0.480	44.	0.5	
MAXIMUM					0.990	1.250	0.069	0.440	1.499	0.374	1.759	875.0	20.0	855
AVG OR GEOM MN (*)					0.128	0.382	0.015	0.124	0.267	0.254	0.521	115.3	4.0	855
MINIMUM					0.002	0.210	0.002	0.020	0.034	0.180	0.260	39.0	0.5	855
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
15 01 78 1605			.3		40	62	1.40	1.2	0.001L	0.140	0.020L	0.060	0.030L	0.005L
13 02 78 1645			.3		88	136	2.10	4.9	0.001	0.060	0.020L	0.010L	0.030L	0.005L
18 03 78 1610			.3		44	69	1.10	1.6	0.001L	0.050L	0.020L	0.020	0.030L	0.005L
16 04 78 1400			.3			1060	16.00	57.0	0.001L	0.050L	0.020L	0.020	0.030L	0.005L
14 05 78 1345			.3		28	43	2.20	0.8	0.001	0.41	0.04 L	0.04	0.03 L	0.005L
11 06 78 1425			.3		39	58	0.70	0.9	0.001L	0.260	0.020L	0.060	0.030L	0.005L
10 07 78 1320			.3		40	61	1.20	1.2	0.001	0.300	0.020L	0.030	0.030L	0.005L
20 08 78 1315			.3		45	69	0.70	1.3	0.001	0.300	0.020L	0.030	0.030L	0.005L
17 09 78 1320			.3		38	59	4.30	1.4	0.001L	0.350	0.020L	0.030	0.030L	0.005L
15 10 78 1445			.3		37	57	1.00	1.3	0.001	0.200	0.020L	0.020	0.030L	0.005L
19 11 78 1325			.3		38	59	1.40	1.7	0.001L	0.55	0.02 L	0.03	0.03 L	0.005L
16 12 78 1300			.3		43	66	0.8	2.2	0.001L	0.05 L	0.02 L	0.03	0.03 L	0.005L
MAXIMUM					88	1060	16.00	57.0	0.001	0.55	0.04	0.060	0.030	0.005
AVG OR GEOM MN (*)					44	150	2.74	6.3	0.001D	0.227D	0.022D	0.032D	0.030D	0.005D
MINIMUM					28	43	0.70	0.8	0.001	0.050	0.020	0.010	0.030	0.005
NO OF SAMPLES					11	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1605			.3		0.020	0.020L	0.020L
13 02 78 1645			.3		0.010L	0.080	0.020L
18 03 78 1610			.3		0.020	0.020L	0.020L
16 04 78 1400			.3		0.020	0.020L	0.020L
14 05 78 1345			.3		0.01	0.03	0.02 L
11 06 78 1425			.3		0.030	0.020L	0.020L
10 07 78 1320			.3		0.020	0.020L	0.020L
20 08 78 1315			.3		0.020	0.020L	0.020L
17 09 78 1320			.3		0.010	0.020L	0.020L
15 10 78 1445			.3		0.020	0.020L	0.020L
19 11 78 1325			.3		0.03	0.05	0.02 L
16 12 78 1300			.3		0.01 L	0.02 L	0.02 L
MAXIMUM					0.030	0.080	0.020
AVG OR GEOM MN (*)					0.018D	0.028D	0.020D
MINIMUM					0.010	0.020	0.020
NO OF SAMPLES					12	12	12

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: UPSTREAM FROM LEVACK
STATION TYPE: RIVER FLOW GAUGE MOE 02CF102

STATION ID: 14-0028-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 14 LAT: LONG: U T M: 17 0471350.0 5166200.0 4 REGION: 05 MILEAGE: 111.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1510			.3		24540	4 6 8				0.0	13.0	0.6	0.001L	0.001L
13 02 78 1620			.3		24577	4 6 8	4. L	2. L	2. L	0.0	13.0	0.2	0.001L	0.002
18 03 78 1510			.3		24619	4 6 8				0.0	12.0	0.4	0.010	0.001
MAXIMUM							4.	2.	2.	0.00	13.0	0.6	0.010	0.002
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	0.0	12.7	0.4	0.004D	0.001D
MINIMUM							4.	2.	2.	0.0	12.0	0.2	0.001	0.001
NO OF SAMPLES							1	1	1	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 1510			.3		0.918	1.110	0.001	0.009	0.928	0.192	1.120	1141.0	4.6	1136
13 02 78 1620			.3		0.993	1.120	0.007	0.058	1.058	0.127	1.185	1059.0	2.7	1056
18 03 78 1510			.3		0.930	1.330	0.002	0.068	1.000	0.400	1.400	1011.0	3.8	1007
MAXIMUM					0.993	1.330	0.007	0.068	1.058	0.400	1.400	1141.0	4.6	1136
AVG OR GEOM MN (*)					0.947	1.187	0.003	0.045	0.995	0.240	1.235	1070.3	3.7	1066
MINIMUM					0.918	1.110	0.001	0.009	0.928	0.127	1.120	1011.0	2.7	1007
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
15 01 78 1510			.3		1390	6.30	66.0	0.001L	0.540	0.020L	0.040	0.030L	0.005L	0.020
13 02 78 1620			.3		1300	3.90	62.0	0.001	0.120	0.020L	0.040	0.030L	0.005L	0.150
18 03 78 1510			.3		1245	6.70	59.0	0.001	0.110	0.020L	0.060	0.030L	0.005L	0.030
MAXIMUM					1390	6.70	66.0	0.001	0.540	0.020	0.060	0.030	0.005	0.150
AVG OR GEOM MN (*)					1312	5.63	62.3	0.001D	0.257	0.020D	0.047	0.030D	0.005D	0.067
MINIMUM					1245	3.90	59.0	0.001	0.110	0.020	0.040	0.030	0.005	0.020
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

(C O N T D)

```
 B.O.W./ SITE: MOOSE CREEK                                                                      STATION ID:  14-0028-014-02
 SAMPLE POINT: UPSTREAM FROM LEVACK
 STATION TYPE: RIVER    FLOW GAUGE MOE 02CF102          MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO:    14    LAT:              LONG:                 U T M: 17 0471350.0 5166200.0 4    REGION: 05            MILEAGE:  111.40

                                      238       217
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      NICKEL    COBALT
               FEET      MTRS        MG/L      MG/L

15 01 78 1510              .3       0.920     0.020
13 02 78 1620              .3       0.830     0.020L
18 03 78 1510              .3       0.570     0.020

                      MAXIMUM       0.920     0.020
           AVG OR GEOM MN (*)       0.773     0.020D
                      MINIMUM       0.570     0.020

                NO OF SAMPLES           3         3


 B.O.W./ SITE: MOOSE CREEK                                                                      STATION ID:  14-0028-015-02
 SAMPLE POINT: DOWNSTREAM FROM TREATMENT BY FALCONBRIDGE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO:    15    LAT:              LONG:                 U T M: 17 0473250.0 5165550.0 4    REGION: 05            MILEAGE:  113.00

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

15 01 78 1445              .3       24539     4 6 8                                     0.0      13.0       0.6     0.001L    0.001L
13 02 78 1550              .3       24576     4 6 8     4.  L     2.  L     2.  L       0.0      12.0       0.2     0.001L    0.002
18 03 78 1445              .3       24618     4 6 8                                     0.0      12.0       0.2     0.008     0.002

                      MAXIMUM                           4.        2.        2.         0.00      13.0       0.6     0.008     0.002
           AVG OR GEOM MN (*)                           4.* D     2.* D     2.* D       0.0      12.3       0.3     0.003D    0.002D
                      MINIMUM                           4.        2.        2.          0.0      12.0       0.2     0.001     0.001

                NO OF SAMPLES                               1         1         1         3         3         3         3         3

                                       19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

15 01 78 1445              .3       0.976     1.080     0.001     0.009     0.986     0.104     1.090    1136.0       4.8      1131
13 02 78 1550              .3       0.945     1.060     0.002     0.063     1.010     0.115     1.125     997.0       2.4       995
18 03 78 1445              .3       0.060     1.040     0.002     0.083     0.145     0.980     1.125    1033.0       4.5      1029






                      MAXIMUM       0.976     1.080     0.002     0.083     1.010     0.980     1.125    1136.0       4.8      1131
           AVG OR GEOM MN (*)       0.660     1.060     0.002     0.052     0.714     0.400     1.113    1055.3       3.9      1052
                      MINIMUM       0.060     1.040     0.001     0.009     0.145     0.104     1.090     997.0       2.4       995

                NO OF SAMPLES           3         3         3         3         3         3         3         3         3         3

                                       14        16        56       265       203       221       225       229       215       249
SAMP DTE HOUR  STN  STN SAMP  PJ    COND.     TURB.  CHLORIDE     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH         25C  FORMAZIN      MG/L   ARSENIC  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
               FEET      MTRS       UMHOS     UNITS                MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

15 01 78 1445              .3        1385      6.20      65.0     0.001L    0.460     0.020L    0.040     0.030L    0.005L    0.020
13 02 78 1550              .3        1235      3.40      59.0     0.001     0.120     0.020L    0.030     0.030L    0.005L    0.010
18 03 78 1445              .3        1265      8.80      60.0     0.001L    0.060     0.020L    0.020     0.030L    0.005L    0.030

                      MAXIMUM        1385      8.80      65.0     0.001     0.460     0.020     0.040     0.030     0.005     0.030
           AVG OR GEOM MN (*)        1295      6.13      61.3     0.001D    0.213     0.020D    0.030     0.030D    0.005D    0.020
                      MINIMUM        1235      3.40      59.0     0.001     0.060     0.020     0.020     0.030     0.005     0.010

                NO OF SAMPLES           3         3         3         3         3         3         3         3         3         3

                                      238       217
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      NICKEL    COBALT
               FEET      MTRS        MG/L      MG/L

15 01 78 1445              .3       0.920     0.020L
13 02 78 1550              .3       0.780     0.020L
18 03 78 1445              .3       0.550     0.030

                      MAXIMUM       0.920     0.030
           AVG OR GEOM MN (*)       0.750     0.023D
                      MINIMUM       0.550     0.020

                NO OF SAMPLES           3         3
```

B.C.W./ SITE: JUNCTION CREEK
SAMPLE POINT: DOWNSTREAM FROM GARSON SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

STATION ID: 14-0028-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 17 LAT: LONG: U T M: 17 0507500.0 5154450.0 4 REGION: 05 MILEAGE: 90.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
14 01 78 1225			.3		24527	4 6 8			0.0	10.0	6.0	0.087	0.052	2.580
17 04 78 1110			.3		24662	3 6 8			1.0	8.0	0.8	0.082	0.057	0.230
15 05 78 1640			.3		24710	3 6 9	240.	4. L	14.0	4.0	5.0	3.070	2.430	11.000
12 06 78 1250			.3		24750	6 9 0	300.	4. L	17.0	2.0	3.5	1.590	1.280	1.630
10 07 78 1825			.3		24796	6 9 0	320.	280.	18.0	4.0	1.5	0.310	0.045	0.274
20 08 78 1755			.3		24842	6 9 0	800.	360.	20.0	5.0	0.5	0.220	0.216	0.144
17 09 78 1740			.3		24887	6 9	400.	216.	13.0	6.0	1.0	0.118	0.064	0.034
16 10 78 1255			.3		24933	6 9 0	20. L	4. L	6.0	3.0	1.5	3.620	2.900	4.280
19 11 78 1845			.3		24979	6 9 0	20. L	4. L	1.0	6.0	0.4	0.076	0.059	0.036
16 12 78 1805			.3		25025	6 9 0			0.0	4.0	5.5	0.428	0.360	1.32
MAXIMUM							800.	360.	20.0	10.0	6.0	3.620	2.900	11.000
AVG OR GEOM MN (*)							162.* D	25.* D	9.0	5.2	2.6	0.960	0.746	2.153
MINIMUM							20.	4.	0.0	2.0	0.4	0.076	0.045	0.034
NO OF SAMPLES							7	7	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS
14 01 78 1225			.3		2.900	0.120	7.930	10.630	0.320	10.950	1036.0	4.0	1032	1395
17 04 78 1110			.3		1.120	0.105	3.050	3.385	0.890	4.275	363.0	4.4	359	520
15 05 78 1640			.3		13.500	0.004	1.750	12.754	2.500	15.254	369.0	9.6	359	590
12 06 78 1250			.3		2.700	0.450	2.880	4.960	1.070	6.030	826.0	6.5	820	1130
10 07 78 1825			.3		0.830	0.145	3.130	3.549	0.556	4.105	1106.0	1.4	1105	1390
20 08 78 1755			.3		0.520	0.042	1.110	1.296	0.376	1.672	721.0	2.1	719	990
17 09 78 1740			.3		0.440	0.037	2.610	2.681	0.406	3.087	820.0	6.3	814	1020
16 10 78 1255			.3		6.900	0.087	0.915	5.282	2.620	7.902	452.0	2.9	449	660
19 11 78 1845			.3		0.330	0.047	1.350	1.433	0.294	1.727	519.0	3.0	516	780
16 12 78 1805			.3		1.85	0.130	2.12	3.570	0.530	4.100	792.	11.	781	1060
MAXIMUM					13.500	0.450	7.930	12.754	2.620	15.254	1106.0	11.	1105	1395
AVG OR GEOM MN (*)					3.109	0.117	2.685	4.954	0.956	5.910	700.4	5.1	695	954
MINIMUM					0.330	0.004	0.915	1.296	0.294	1.672	363.0	1.4	359	520
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
14 01 78 1225			.3		2.20	90.0	0.003	0.240	0.020L	0.060	0.030L	0.005L	0.040	0.300
17 04 78 1110			.3		4.00	33.5	0.003	0.240	0.020L	0.060	0.030L	0.005L	0.040	0.300
15 05 78 1640			.3		3.70	38.0	0.007	0.11	0.02 L	0.06	0.03 L	0.005L	0.02	0.25
12 06 78 1250			.3		4.40	83.0	0.005	0.180	0.040L	0.030	0.030L	0.005L	0.020	0.210
10 07 78 1825			.3		2.00	98.0	0.004	0.220	0.020L	0.060	0.030L	0.005L	0.010	0.320
20 08 78 1755			.3		2.00	68.0	0.004	0.220	0.020L	0.060	0.030L	0.005L	0.010	0.320
17 09 78 1740			.3		2.90	59.0	0.003	0.140	0.020L	0.020	0.030L	0.005L	0.020	0.360
16 10 78 1255			.3		6.70	44.5	0.006	0.050L	0.020L	0.030	0.030L	0.005L	0.010	0.290
19 11 78 1845			.3		2.40	67.0	0.002	0.46	0.02 L	0.04	0.03 L	0.005L	0.05	0.60
16 12 78 1805			.3		4.3	102.	0.001	0.05 L	0.02 L	0.02	0.03 L	0.005L	0.02	0.58
MAXIMUM					6.70	102.	0.007	0.46	0.040	0.060	0.030	0.005	0.05	0.60
AVG OR GEOM MN (*)					3.46	68.3	0.004	0.191D	0.022D	0.044	0.030D	0.005D	0.024	0.353
MINIMUM					2.00	33.5	0.001	0.050	0.020	0.020	0.030	0.005	0.010	0.210
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
14 01 78 1225			.3		0.020L
17 04 78 1110			.3		0.020L
15 05 78 1640			.3		0.02 L
12 06 78 1250			.3		0.020L
10 07 78 1825			.3		0.020
20 08 78 1755			.3		0.020
17 09 78 1740			.3		0.020L
16 10 78 1255			.3		0.020L
19 11 78 1845			.3		0.02 L
16 12 78 1805			.3		0.02 L
MAXIMUM					0.020
AVG OR GEOM MN (*)					0.020D
MINIMUM					0.020
NO OF SAMPLES					10

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM OF LEVACK
STATION TYPE: RIVER

STATION ID: 14-0028-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 18 LAT: LONG: U T M: 17 0470050.0 5164500.0 4 REGION: 05 MILEAGE: 109.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
15 01 78 1545			.3		24541	4 6 8	0.0	9.0	0.4	0.001L	0.001L	0.888	1.000	0.011
18 03 78 1545			.3		24620	4 6 8	0.0	7.0	1.0	0.007	0.001L	1.500	1.640	0.245
16 04 78 1330			.3		24654	3 6 8	2.0	8.0	0.6	0.018	0.010	0.112	0.330	0.029
14 05 78 1320			.3		24700	3 6 9	13.0	6.0	1.0	0.164	0.001	0.430	0.930	0.036
11 06 78 1410			.3		24740	6 9	16.0	6.0	0.8	0.030	0.001L	1.040	1.320	0.009
10 07 78 1300			.3		24786	6 8	18.0	7.0	0.4	0.011	0.001	0.460	0.660	0.255
20 08 78 1250			.3		24832	6 8	19.0	8.0	0.2	0.008	0.001	0.570	0.680	0.460
17 09 78 1300			.3		24877	6 8	13.0	8.0	0.2	0.005	0.001	0.264	0.400	0.003
15 10 78 1425			.3		24923	6 8	7.0	9.0	0.2	0.041	0.001	0.348	0.500	0.002
19 11 78 1300			.3		24969	6 8	1.0	9.0	0.2	0.026	0.001	0.519	0.620	0.046
16 12 78 1240			.3		25015	6 8 4	0.0	9.0	0.2	0.012	0.001L	0.614	0.78	0.025
MAXIMUM							19.0	9.0	1.0	0.164	0.010	1.500	1.640	0.460
AVG OR GEOM MN (*)							8.1	7.8	0.5	0.029D	0.002D	0.613	0.805	0.102
MINIMUM							0.0	6.0	0.2	0.001	0.001	0.112	0.330	0.002
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
15 01 78 1545			.3		0.034	0.933	0.112	1.045	1133.0	6.4	1127		1375	5.40
18 03 78 1545			.3		0.500	2.245	0.140	2.385	1077.0	13.0	1064		1315	23.00
16 04 78 1330			.3		0.250	0.391	0.218	0.609	40.0	1.7		38	58	1.10
14 05 78 1320			.3		0.425	0.891	0.500	1.391	666.0	226.0	440		590	40.00
11 06 78 1410			.3		0.760	1.809	0.280	2.089	999.0	13.0	986		1210	24.00
10 07 78 1300			.3		1.200	1.915	0.200	2.115	955.0	5.4	950		1160	3.70
20 08 78 1250			.3		2.620	3.650	0.110	3.760	1195.0	7.8	1187		1440	24.00
17 09 78 1300			.3		0.420	0.687	0.136	0.823	883.0	5.8	877		1040	2.50
15 10 78 1425			.3		0.275	0.625	0.152	0.777	800.0	5.7	794		980	4.00
19 11 78 1300			.3		0.404	0.969	0.101	1.070	764.0	8.0	756		990	5.50
16 12 78 1240			.3		0.285	0.924	0.166	1.090	933.	15.	918		1130	7.4
MAXIMUM					2.620	3.650	0.500	3.760	1195.0	226.0	1187	38	1440	40.00
AVG OR GEOM MN (*)					0.652	1.367	0.192	1.559	858.6	28.0	910	38	1026	12.78
MINIMUM					0.034	0.391	0.101	0.609	40.0	1.7	440	38	58	1.10
NO OF SAMPLES					11	11	11	11	11	11	10	1	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1545			.3		66.0	0.009	1.100	0.020L	0.090	0.030L	0.005L	0.040	1.200	0.030
18 03 78 1545			.3		73.0	0.001L	0.420	0.020L	0.110	0.030L	0.005L	0.080	1.900	0.060
16 04 78 1330			.3		1.2	0.001L	0.420	0.020L	0.110	0.030L	0.005L	0.080	1.900	0.060
14 05 78 1320			.3		28.5	0.001	5.1	0.04 L	0.52	0.03 L	0.005L	0.12	0.05	0.11
11 06 78 1410			.3		104.0	0.001L	1.400	0.020L	0.380	0.030L	0.005L	0.210	6.800	0.190
10 07 78 1300			.3		68.0	0.001	0.420	0.020L	0.090	0.030L	0.005L	0.040	1.600	0.030
20 08 78 1250			.3		98.0	0.001	0.420	0.020L	0.090	0.030L	0.005L	0.040	1.600	0.030
17 09 78 1300			.3		55.0	0.001L	1.400	0.020L	0.300	0.030L	0.005L	0.110	4.200	0.140
15 10 78 1425			.3		56.0	0.001L	2.800	0.020L	0.380	0.030L	0.005L	0.140	4.600	0.120
19 11 78 1300			.3		60.0	0.001L	2.5	0.02 L	0.27	0.03 L	0.005L	0.14	5.2	0.14
16 12 78 1240			.3		73.	0.001L	1.4	0.02 L	0.27	0.03 L	0.005L	0.11	3.6	0.09
MAXIMUM					104.0	0.009	5.1	0.04	0.52	0.030	0.005	0.210	6.800	0.190
AVG OR GEOM MN (*)					62.1	0.002D	1.580	0.022D	0.237	0.030D	0.005D	0.101	2.968	0.091
MINIMUM					1.2	0.001	0.420	0.020	0.090	0.030	0.005	0.040	0.05	0.030
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT HIGH FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02CF004

STATION ID: 14-0028-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 20 LAT: LONG: U T M: 17 0456100.0 5136200.0 4 REGION: 05 MILEAGE: 53.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
02 01 78 1015			.3		24502	6 8	3150.00	4. L	2. L	2.	0.0	13.0	0.4	0.007
11 02 78 1050			.3		24546	6 8	3180.00	8.	2. L	2.	0.0	12.0	0.2	0.001
11 03 78 1000			.3		24586	6 8	3800.00				0.0	13.0	0.2	0.002
15 04 78 1000			.3		24633	3 6 8	1630.00				1.0	11.0	0.8	0.005
12 05 78 1025			.3		24676	3 6 8	11900.00				13.0	11.0	0.4	0.010
10 06 78 1100			.3		24724	6 8	2350.00				15.0	10.0	0.2	0.004
06 08 78 1040			.3		24810	6 8	1410.00				19.0	11.0	0.8	0.014
08 09 78 1045			.3		24856	6 8	3480.00				14.0	11.0	0.2	0.018
06 10 78 0920			.3		24901	6 8	6190.00				8.0	10.0	0.2	0.004
04 11 78 0930			.3		24947	6 8	3610.00				3.0	11.0	0.2	0.006
08 12 78 1000			.3		24993	6 8	3000.00				0.0	12.0	0.2	0.007
MAXIMUM							11900.00	8.	2.	2.	19.0	13.0	0.8	0.018
AVG OR GEOM MN (*)							3972.73	6.* D	2.* D	2.*	6.6	11.4	0.3	0.007
MINIMUM							1410.00	4.	2.	2.	0.0	10.0	0.2	0.001
NO OF SAMPLES							11	2	2	2	11	11	11	11

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
02 01 78	1015			.3		0.001L	0.016	0.240	0.002	0.063	0.081	0.224	0.305	32.0	1.2
11 02 78	1050			.3		0.001L	0.020	0.260	0.002	0.073	0.095	0.240	0.335	33.0	0.9
11 03 78	1000			.3		0.001L	0.012	0.330	0.001	0.114	0.127	0.318	0.445	34.0	0.4
15 04 78	1000			.3		0.001	0.026	0.320	0.002	0.140	0.168	0.294	0.462	79.0	44.0
12 05 78	1025			.3		0.001	0.052	0.390	0.003	0.155	0.210	0.338	0.548	32.0	2.4
10 06 78	1100			.3		0.003	0.034	0.250	0.004	0.095	0.133	0.216	0.349	30.0	0.9
06 08 78	1040			.3		0.007	0.070	0.320	0.025	0.600	0.695	0.250	0.945	42.0	1.1
08 09 78	1045			.3		0.001	0.022	0.110	0.005	0.065	0.092	0.088	0.180	40.0	4.6
06 10 78	0920			.3		0.001	0.036	0.300	0.003	0.115	0.154	0.264	0.418	33.0	0.9
04 11 78	0930			.3		0.001	0.024	0.330	0.004	0.101	0.129	0.306	0.435	32.0	2.0
08 12 78	1000			.3		0.003	0.040	0.430	0.002	0.103	0.145	0.390	0.535	34.0	0.7
MAXIMUM						0.007	0.070	0.430	0.025	0.600	0.695	0.390	0.945	79.0	44.0
AVG OR GEOM MN (*)						0.002D	0.032	0.298	0.005	0.148	0.184	0.266	0.451	38.3	5.4
MINIMUM						0.001	0.012	0.110	0.001	0.063	0.081	0.088	0.180	30.0	0.4
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
02 01 78	1015			.3			31	48	0.90	0.9					
11 02 78	1050			.3			32	50	1.20	0.9					
11 03 78	1000			.3			34	53	1.30	1.0					
15 04 78	1000			.3			35	54	1.10	1.2					
12 05 78	1025			.3			30	46	2.10	0.8					
10 06 78	1100			.3			29	43	0.60	0.9					
06 08 78	1040			.3		41		49	0.40	1.1					
08 09 78	1045			.3			35	54	0.60	1.1					
06 10 78	0920			.3			32	49	1.20	1.1					
04 11 78	0930			.3			30	46	1.30	1.0					
08 12 78	1000			.3			33	50	1.10	1.1	10.0	2.50	1.5	13	6.58
MAXIMUM						41	35	54	2.10	1.2	10.0	2.50	1.5	13	6.58
AVG OR GEOM MN (*)						41	32	49	1.07	1.0	10.0	2.50	1.5	13	6.58
MINIMUM						41	29	43	0.40	0.8	10.0	2.50	1.5	13	6.58
NO OF SAMPLES						1	10	11	11	11	1	1	1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
02 01 78	1015			.3										0.001	0.250
11 02 78	1050			.3										0.001L	0.050L
11 03 78	1000			.3										0.001L	0.230
12 05 78	1025			.3										0.001	0.150
10 06 78	1100			.3										0.001L	0.160
06 08 78	1040			.3										0.001	0.460
04 11 78	0930			.3										0.001	0.340
08 12 78	1000			.3		0.170	18.0	5.00	1.30	44	0.45	1.30	19	0.001L	0.210
MAXIMUM						0.170	18.0	5.00	1.30	44	0.45	1.30	19	0.001	0.460
AVG OR GEOM MN (*)						0.170	18.0	5.00	1.30	44	0.45	1.30	19	0.001D	0.231D
MINIMUM						0.170	18.0	5.00	1.30	44	0.45	1.30	19	0.001	0.050
NO OF SAMPLES						1	1	1	1	1	1	1	1	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L
02 01 78	1015			.3		0.020L	0.030	0.030L	0.005L	0.010L		0.020L	0.020L	2.	2.
11 02 78	1050			.3		0.020L	0.100	0.030L	0.005L	0.010L		0.020L	0.020L	1. L	2.
11 03 78	1000			.3		0.020L	0.020	0.030L	0.005L	0.010L		0.020L	0.020L	1. L	1. L
15 04 78	1000			.3										1. L	2.
12 05 78	1025			.3		0.020L	0.040	0.030L	0.005L	0.010L		0.020L	0.030L	1. L	1. L
10 06 78	1100			.3		0.020L	0.040	0.030L	0.005L	0.010		0.020L	0.020L	1.	1.
06 08 78	1040			.3		0.040L	0.010L	0.030L	0.005L	0.010L		0.110	0.020L	1. L	1. L
08 09 78	1045			.3										1. L	1. L
06 10 78	0920			.3										1. L	1. L
04 11 78	0930			.3		0.040	0.020	0.030L	0.005L	0.020		0.020L	0.020L	1. L	1. L
08 12 78	1000			.3		0.020L	0.030	0.030L	0.005L	0.010L	0.016	0.020L	0.020L		
MAXIMUM						0.040	0.100	0.030	0.005	0.020	0.016	0.110	0.030	2.	2.
AVG OR GEOM MN (*)						0.025D	0.036D	0.030D	0.005D	0.011D	0.016	0.031D	0.021D	1. D	1. D
MINIMUM						0.020	0.010	0.030	0.005	0.010	0.016	0.020	0.020	1.	1.
NO OF SAMPLES						8	8	8	8	8	1	8	8	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78	1015			.3		1. L	3.	1. L	10. L
11 02 78	1050			.3		1. L	3.	1. L	10. L
11 03 78	1000			.3		1. L	1. L	1. L	10. L
15 04 78	1000			.3		1. L	4.	1. L	10. L
12 05 78	1025			.3		1. L	5.	1. L	10. L
10 06 78	1100			.3		1. L	2.	1. L	10. L
06 08 78	1040			.3		1. L	4.	1. L	10. L
08 09 78	1045			.3		1. L	3.	1. L	10. L
06 10 78	0920			.3		1. L	4.	1. L	10. L
04 11 78	0930			.3		1. L	3.	1. L	10. L
MAXIMUM						1.	5.	1.	10.
AVG OR GEOM MN (*)						1. D	3. D	1. D	10. D
MINIMUM						1.	1.	1.	10.
NO OF SAMPLES						10	10	10	10

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: AT FIRST BRIDGE ON AGNEW ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 21 LAT: LONG: U T M: 17 0458775.0 5138500.0 4 REGION: 05 MILEAGE: 54.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78	1040			.3		24503	4 6 8	8.	4.	4.	0.0	12.0	0.4	0.013	0.001L
	1245			.3		24507	4 6 8	20.	2. L	2. L	0.0	12.0	0.6	0.014	0.001L
11 03 78	1030			.3		24587	4 6 8				0.0	11.0	0.2	0.017	0.002
15 04 78	1030			.3		24634	3 6 8				1.0	10.0	0.8	0.011	0.002
12 05 78	1050			.3		24677	3 6 9				12.0	10.0	0.2	0.020	0.003
09 07 78	1025			.3		24765	6 8				18.0	10.0	1.0	0.046	0.004
06 08 78	1100			.3		24811	6 8				20.0	10.0	0.4	0.022	0.005
08 09 78	1115			.3		24857	6 8				14.0	10.0	0.2	0.030	0.005
06 10 78	0945			.3		24902	6 8				8.0	10.0	0.6	0.020	0.002
04 11 78	1000			.3		24948	6 8				3.0	10.0	0.4	0.015	0.004
08 12 78	1030			.3		24994	4 6 8				0.0	11.0	0.2	0.018	0.004
MAXIMUM								20.	4.	4.	20.0	12.0	1.0	0.046	0.005
AVG OR GEOM MN (*)								13.*	3.* D	3.* D	6.9	10.5	0.5	0.021	0.003D
MINIMUM								8.	2.	2.	0.0	10.0	0.2	0.011	0.001
NO OF SAMPLES								2	2	2	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 01 78	1040			.3		0.072	0.460	0.004	0.396	0.472	0.388	0.860	52.0	4.2	48
	1245			.3		0.030	0.270	0.002	0.143	0.175	0.240	0.415	49.0	3.4	46
11 03 78	1030			.3		0.160	0.490	0.003	0.757	0.920	0.330	1.250	57.0	1.1	56
15 04 78	1030			.3		0.108	0.410	0.005	0.520	0.633	0.302	0.935	53.0	6.5	47
12 05 78	1050			.3		0.028	0.410	0.004	0.120	0.152	0.382	0.534	39.0	4.8	34
09 07 78	1025			.3		0.094	0.550	0.009	0.171	0.274	0.456	0.730	65.0	6.9	58
06 08 78	1100			.3		0.058	0.450	0.013	0.172	0.243	0.392	0.635	71.0	8.8	62
08 09 78	1115			.3		0.058	0.450	0.006	0.110	0.174	0.392	0.566	59.0	5.2	54
06 10 78	0945			.3		0.010	0.500	0.006	0.140	0.156	0.490	0.646	41.0	5.1	36
04 11 78	1000			.3		0.034	0.440	0.005	0.240	0.279	0.406	0.685	60.0	3.0	57
08 12 78	1030			.3		0.100	0.450	0.005	0.375	0.480	0.350	0.830	76.0	3.7	72
MAXIMUM						0.160	0.550	0.013	0.757	0.920	0.490	1.250	76.0	8.8	72
AVG OR GEOM MN (*)						0.068	0.444	0.006	0.286	0.360	0.375	0.735	56.5	4.8	52
MINIMUM						0.010	0.270	0.002	0.110	0.152	0.240	0.415	39.0	1.1	34
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 01 78	1040			.3		74	2.10	2.1	14.0	5.00	5.9	15	6.73	0.850	3.0
	1245			.3		70	2.10	2.1	12.5	3.25	2.2	18	7.02	0.300	2.0
11 03 78	1030			.3		86	3.40	2.6	16.0	6.00	6.0	23	6.94	0.920	
15 04 78	1030			.3		73	3.10	4.6							
12 05 78	1050			.3		53	2.50	1.7							
09 07 78	1025			.3		90	4.90	3.3							
06 08 78	1100			.3		96	3.30	2.4							
08 09 78	1115			.3		83	1.90	1.7							
06 10 78	0945			.3		55	3.00	2.0							
04 11 78	1000			.3		88	2.10	2.3							
08 12 78	1030			.3		110	2.40	2.4	29.0	5.60	3.6	21	6.66	0.850	
MAXIMUM						110	4.90	4.6	29.0	6.00	6.0	23	7.02	0.920	3.0
AVG OR GEOM MN (*)						80	2.80	2.5	17.9	4.96	4.4	19	6.84	0.730	2.5
MINIMUM						53	1.90	1.7	12.5	3.25	2.2	15	6.66	0.300	2.0
NO OF SAMPLES						11	11	11	4	4	4	4	4	4	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
02 01 78	1040			.3		28.0	7.00	2.50	40	0.70	2.00	35			
	1245			.3		26.0	7.00	2.00	30	0.65	2.00	28	0.001	0.190	0.020L
11 03 78	1030			.3		33.0	8.40	2.95	50	0.85	2.50	35	0.001L	0.240	0.020L
12 05 78	1050			.3									0.001	0.460	0.020L
09 07 78	1025			.3									0.002	0.240	0.020L
06 08 78	1100			.3									0.001	0.400	0.040L
04 11 78	1000			.3									0.001	0.210	0.020L
08 12 78	1030			.3		44.0	11.20	3.95	72	0.70	2.30	23	0.001L	0.220	0.020L
MAXIMUM						44.0	11.20	3.95	72	0.85	2.50	35	0.002	0.460	0.040
AVG OR GEOM MN (*)						32.8	8.40	2.85	48	0.73	2.20	30	0.001D	0.280	0.023D
MINIMUM						26.0	7.00	2.00	30	0.65	2.00	23	0.001	0.190	0.020
NO OF SAMPLES						4	4	4	4	4	4	4	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
02 01 78	1040			.3						0.094			1.	1.	1. L
	1245			.3		0.040	0.030L	0.005L	0.010	0.029	0.020L	0.020L	1.	1.	1. L
11 03 78	1030			.3		0.010	0.030L	0.005L	0.010L	0.081	0.020L	0.020L	1. L	1.	1. L
15 04 78	1030			.3									1. L	2.	20.
12 05 78	1050			.3		0.030	0.030L	0.005L	0.020		0.020L	0.030L	1. L	1. L	1. L
09 07 78	1025			.3		0.060	0.030L	0.005L	0.020		0.020L	0.002L	1. L	1. L	1. L
06 08 78	1100			.3		0.010L	0.030L	0.005L	0.010L		0.020L	0.020L	1. L	1. L	1. L
08 09 78	1115			.3									1. L	1. L	1. L
06 10 78	0945			.3									1. L	1. L	1. L
04 11 78	1000			.3		0.020	0.030L	0.005L	0.020		0.020L	0.020L	1. L	1. L	1. L
08 12 78	1030			.3		0.030	0.030L	0.005L	0.010L	0.090	0.020L	0.020L			
MAXIMUM						0.060	0.030	0.005	0.020	0.094	0.020	0.030	1.	2.	20.
AVG OR GEOM MN (*)						0.029D	0.030D	0.005D	0.014D	0.074	0.020D	0.019D	1. D	1. D	2. D
MINIMUM						0.010	0.030	0.005	0.010	0.029	0.020	0.002	1.	1.	1.
NO OF SAMPLES						7	7	7	7	4	7	7	10	10	10

(C O N T D)

SAMP DTE HOJR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78 1040			.3		2.	1. L	10. L
1245			.3		2.	1. L	10. L
11 03 78 1030			.3		2.	1. L	10. L
15 04 78 1030			.3		4.	15.	10. L
12 05 78 1050			.3		3.	1. L	10. L
09 07 78 1025			.3		3.	1. L	10. L
06 08 78 1100			.3		2.	1. L	10. L
08 09 78 1115			.3		2.	1. L	10. L
06 10 78 0945			.3		3.	1. L	10. L
04 11 78 1000			.3		3.	1. L	10. L
MAXIMUM					4.	15.	10.
AVG OR GEOM MN (*)					2.	2. D	10. D
MINIMUM					2.	1.	10.
NO OF SAMPLES					10	10	10

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: ABOVE AGNEW LAKE MINE PUMPHOUSE
STATION TYPE: RIVER

STATION ID: 14-0028-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 22 LAT: LONG: U T M: 17 0453900.0 5141750.0 4 REGION: 05 MILEAGE: 59.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78 1115			.3		24504	4 6 8	4. L	2.	2.	0.0	12.0	0.6	0.013	0.001
11 02 78 1150			.3		24548	4 6 8	10.	2. L	2. L	0.0	11.0	0.2	0.018	0.001L
11 03 78 1100			.3		24588	4 6 8				0.0	11.0	C.2	0.020	0.002
15 04 78 1100			.3		24635	3 6 8				1.0	10.0	0.6	0.012	0.002
12 05 78 1120			.3		24678	3 6 9				12.0	10.0	0.3	0.018	0.003
09 07 78 1050			.3		24766	6 8				18.0	10.0	1.0	0.042	0.009
06 08 78 1125			.3		24812	6 8				20.0	10.0	0.5	0.021	0.003
08 09 78 1140			.3		24858	6 8				14.0	10.0	0.4	0.028	0.004
06 10 78 1010			.3		24903	6 8				8.0	11.0	0.5	0.014	0.002
04 11 78 1025			.3		24949	6 8				4.0	10.0	0.4	0.017	0.010
08 12 78 1100			.3		24995	4 6 8				0.0	11.0	0.2	0.019	0.004
MAXIMUM							10.	2.	2.	20.0	12.0	1.0	0.042	0.010
AVG OR GEOM MN (*)							6.* D	2.* D	2.* D	7.0	10.5	0.4	0.020	0.004D
MINIMUM							4.	2.	2.	0.0	10.0	0.2	0.012	0.001
NO OF SAMPLES							2	2	2	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 01 78 1115			.3		0.074	0.480	0.004	0.376	0.454	0.406	0.860	48.0	1.0	47
11 02 78 1150			.3		0.162	0.490	0.005	0.615	0.782	0.328	1.110	55.0	1.7	53
11 03 78 1100			.3		0.154	0.520	0.004	0.741	0.899	0.366	1.265	57.0	1.3	56
15 04 78 1100			.3		0.168	0.490	0.006	0.665	0.839	0.322	1.161	47.0	3.6	43
12 05 78 1120			.3		0.028	0.390	0.004	0.125	0.157	0.362	0.519	32.0	2.1	30
09 07 78 1050			.3		0.064	0.590	0.005	0.360	0.429	0.526	0.955	49.0	2.8	46
06 08 78 1125			.3		0.044	0.490	0.013	0.417	0.474	0.446	0.920	49.0	2.5	47
08 09 78 1140			.3		0.050	0.080	0.006	0.145	0.201	0.030	0.231	40.0	4.0	36
06 10 78 1010			.3		0.014	0.530	0.006	0.110	0.130	0.516	0.646	32.0	0.5	31
04 11 78 1025			.3		0.032	0.520	0.006	0.254	0.292	0.488	0.780	39.0	2.9	36
08 12 78 1100			.3		0.102	0.520	0.004	0.351	0.457	0.418	0.875	47.0	3.4	44
MAXIMUM					0.168	0.590	0.013	0.741	0.899	0.526	1.265	57.0	4.0	56
AVG OR GEOM MN (*)					0.081	0.464	0.006	0.378	0.465	0.383	0.847	45.0	2.3	43
MINIMUM					0.014	0.080	0.004	0.110	0.130	0.030	0.231	32.0	0.5	30
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 01 78 1115			.3		73	2.30	2.1	14.0	5.00	8.3	15	6.45	0.850	7.0
11 02 78 1150			.3		81	2.70	2.5	15.5	5.80	6.6	18	6.77	0.940	
11 03 78 1100			.3		86	3.40	2.8	14.5	6.00	5.7	21	6.91	1.000	
15 04 78 1100			.3		66	2.60	2.0							
12 05 78 1120			.3		46	1.30	0.9							
09 07 78 1050			.3		71	2.50	2.1							
06 08 78 1125			.3		72	1.50	2.1							
08 09 78 1140			.3		56	1.70	1.2							
06 10 78 1010			.3		48	1.40	1.2							
04 11 78 1025			.3		56	1.80	1.5							
08 12 78 1100			.3		67	2.20	1.6							
MAXIMUM					86	3.40	2.8	15.5	6.00	8.3	21	6.91	1.000	7.0
AVG OR GEOM MN (*)					66	2.13	1.8	14.7	5.60	6.9	18	6.71	0.930	7.0
MINIMUM					46	1.30	0.9	14.0	5.00	5.7	15	6.45	0.850	7.0
NO OF SAMPLES					11	11	11	3	3	3	3	3	3	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
02 01 78 1115			.3		29.0	7.40	2.50	70G	0.70	1.90	30	0.001	0.360	0.020L
11 02 78 1150			.3		32.0	8.40	2.80	60	0.80	2.30	32	0.001	0.160	0.020L
11 03 78 1100			.3		33.0	8.40	2.90	60	0.85	3.50	18	0.001L	0.180	0.020L
12 05 78 1120			.3									0.001	0.460	0.020L
09 07 78 1050			.3									0.002	0.440	0.020L
06 08 78 1125			.3									0.001	0.290	0.040L
04 11 78 1025			.3									0.001	0.470	0.020L
08 12 78 1100			.3									0.001L	0.200	0.020L
MAXIMUM					33.0	8.40	2.90	70	0.85	3.50	32	0.002	0.470	0.040
AVG OR GEOM MN (*)					31.3	8.07	2.73	63U	0.78	2.57	27	0.001D	0.320	0.023D
MINIMUM					29.0	7.40	2.50	60	0.70	1.90	18	0.001	0.160	0.020
NO OF SAMPLES					3	3	3	3	3	3	3	8	8	8

(C O N T D)

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: ABOVE AGNEW LAKE MINE PUMPHOUSE
STATION TYPE: RIVER

STATION ID: 14-0028-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 22   LAT: LONG: U T M: 17 0453900.0 5141750.0 4   REGION: 05   MILEAGE: 59.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
02 01 78	1115			.3		0.040	0.030L	0.005L	0.010L	0.094	0.020L	0.020L	2.	2.	1. L
11 02 78	1150			.3		0.020	0.030L	0.005L	0.010L	0.076	0.020L	0.020L	1. L	2.	1. L
11 03 78	1100			.3		0.050	0.030L	0.005L	0.010L	0.088	0.020L	0.020L	1. L	1. L	1. L
15 04 78	1100			.3									1. L	2.	1. L
12 05 78	1120			.3		0.040	0.030L	0.005L	0.020		0.020L	0.030L	1. L	1. L	1. L
09 07 78	1050			.3		0.110	0.030L	0.005L	0.020		0.020L	0.002L	1. L	1. L	1. L
06 08 78	1125			.3		0.010L	0.030L	0.005L	0.010L		0.020L	0.020L	2.	2.	1. L
08 09 78	1140			.3									1. L	1. L	1. L
06 10 78	1010			.3									1. L	1. L	1. L
04 11 78	1025			.3		0.020	0.030L	0.005L	0.020		0.020L	0.020L	1. L	1. L	1. L
08 12 78	1100			.3		0.020	0.030L	0.005L	0.010L		0.020L	0.020L			
MAXIMUM						0.110	0.030	0.005	0.020	0.094	0.020	0.030	2.	2.	1.
AVG OR GEOM MN (*)						0.039D	0.030D	0.005D	0.014D	0.086	0.020D	0.019D	1. D	1. D	1. D
MINIMUM						0.010	0.030	0.005	0.010	0.076	0.020	0.002	1.	1.	1.
NO OF SAMPLES						8	8	8	8	3	8	8	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78	1115			.3		3.	1. L	10. L
11 02 78	1150			.3		3.	1. L	10. L
11 03 78	1100			.3		3.	1. L	10. L
15 04 78	1100			.3		5.	1. L	10. L
12 05 78	1120			.3		5.	1. L	10. L
09 07 78	1050			.3		3.	1.	10. L
06 08 78	1125			.3		4.	1. L	10. L
08 09 78	1140			.3		3.	1. L	10. L
06 10 78	1010			.3		3.	1. L	10. L
04 11 78	1025			.3		4.	1. L	10. L
MAXIMUM						5.	1.	10.
AVG OR GEOM MN (*)						3.	1. D	10. D
MINIMUM						3.	1.	10.
NO OF SAMPLES						10	10	10

B.O.W./ SITE: JOHN CREEK
SAMPLE POINT: BELOW DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 23   LAT: LONG: U T M: 17 0450200.0 5140900.0 4   REGION: 05   MILEAGE: 65.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
11 02 78	1120			.3		24547	4 6 8	32.	2.	2. L	0.0	11.0	0.2	0.007	0.001L
11 03 78	1240			.3		24591	4 6 8				0.0	11.0	0.8	0.009	0.001L
15 04 78	1220			.3		24638	3 6 8				1.0	9.0	0.8	0.013	0.002
12 05 78	1300			.3		24682	3 6 8				12.0	9.0	0.2	0.024	0.001
09 07 78	1200			.3		24769	6 8				18.0	9.0	0.6	0.013	0.001
06 08 78	1250			.3		24816	6 8				20.0	10.0	0.4	0.011	0.001
08 09 78	1245			.3		24861	6 8				14.0	9.0	0.2	0.020	0.002
06 10 78	1200			.3		24907	3 6 8				8.0	10.0	0.4	0.018	0.001
04 11 78	1210			.3		24953	6 8				3.0	10.0	0.2	0.005	0.001
08 12 78	1240			.3		24999	4 6 8				0.0	11.0	0.2	0.007	0.002
MAXIMUM								32.	2.	2.	20.0	11.0	0.8	0.024	0.002
AVG OR GEOM MN (*)								32.*	2.*	2.* D	7.6	9.9	0.4	0.013	0.001D
MINIMUM								32.	2.	2.	0.0	9.0	0.2	0.005	0.001
NO OF SAMPLES								1	1	1	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
11 02 78	1120			.3		0.186	0.460	0.005	0.375	0.566	0.274	0.840	58.0	4.9	53
11 03 78	1240			.3		0.052	0.430	0.001	0.164	0.217	0.378	0.595	56.0	2.2	54
15 04 78	1220			.3		0.090	0.340	0.004	0.385	0.479	0.250	0.729	86.0	34.0	52
12 05 78	1300			.3		0.010	0.370	0.004	0.075	0.089	0.360	0.449	47.0	15.0	32
09 07 78	1200			.3		0.030	0.280	0.004	0.035	0.069	0.250	0.319	61.0	4.8	56
06 08 78	1250			.3		0.020	0.320	0.012	0.018	0.050	0.300	0.350	52.0	1.9	50
08 09 78	1245			.3		0.016	0.310	0.005	0.035	0.056	0.294	0.350	39.0	5.4	34
06 10 78	1200			.3		0.006	0.370	0.005	0.075	0.086	0.364	0.450	37.0	6.9	30
04 11 78	1210			.3		0.014	0.220	0.003	0.102	0.119	0.206	0.325	43.0	3.1	40
08 12 78	1240			.3		0.070	0.320	0.002	0.183	0.255	0.250	0.505	47.0	2.8	44
MAXIMUM						0.186	0.460	0.012	0.385	0.566	0.378	0.840	86.0	34.0	56
AVG OR GEOM MN (*)						0.049	0.342	0.005	0.145	0.199	0.293	0.491	52.6	8.1	45
MINIMUM						0.006	0.220	0.001	0.018	0.050	0.206	0.319	37.0	1.9	30
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
11 02 78	1120			.3		81	2.90	2.5	15.5	5.90	6.9	18	6.85	0.960	32.0
11 03 78	1240			.3		83	2.70	2.4	13.5	4.05	3.3	23	7.10	1.700	34.0
15 04 78	1220			.3		80	3.40	3.7							
12 05 78	1300			.3		50	4.80	1.3							
09 07 78	1200			.3		86	2.10	3.1							
06 08 78	1250			.3		77	1.00	3.1							
08 09 78	1245			.3		53	1.10	1.8							
06 10 78	1200			.3		47	2.50	1.8							
04 11 78	1210			.3		61	1.70	2.1							
08 12 78	1240			.3		68	1.80	2.1							
MAXIMUM						86	4.80	3.7	15.5	5.90	6.9	23	7.10	1.700	34.0
AVG OR GEOM MN (*)						69	2.40	2.4	14.5	4.98	5.1	21	6.98	1.330	33.0
MINIMUM						47	1.00	1.3	13.5	4.05	3.3	18	6.85	0.960	32.0
NO OF SAMPLES						10	10	10	2	2	2	2	2	2	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
11 02 78	1120			.3		8.40	2.80	60	0.80	2.40	36	0.001L	0.110	0.020L	0.040
11 03 78	1240			.3		10.40	1.85	20	0.85	3.70	14	0.001L	0.090	0.020L	0.040
09 07 78	1200			.3								0.001	0.340	0.020L	0.100
06 08 78	1250			.3								0.001	0.270	0.040L	0.010L
06 10 78	1200			.3								0.001	0.270	0.020L	0.020L
04 11 78	1210			.3								0.003	0.170	0.020L	0.070
08 12 78	1240			.3								0.003	0.170	0.020L	0.070
MAXIMUM						10.40	2.80	60	0.85	3.70	36	0.003	0.340	0.040	0.100
AVG OR GEOM MN (*)						9.40	2.33	40	0.83	3.05	25	0.002D	0.203	0.0230	0.050D
MINIMUM						8.40	1.85	20	0.80	2.40	14	0.001	0.090	0.020	0.010
NO OF SAMPLES						2	2	2	2	2	2	7	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L
11 02 78	1120			.3		0.030L	0.005L	0.010L	0.082	0.020L	0.020L	1. L	2.	1. L	35.
11 03 78	1240			.3		0.030L	0.005L	0.030	0.071	0.020L	0.020L	1. L	1. L	1. L	3.
15 04 78	1220			.3								2.	5.	1. L	5.
12 05 78	1300			.3								1. L	2.	1.	5.
09 07 78	1200			.3		0.030L	0.005L	0.010		0.020L	0.020L	1. L	1. L	1. L	3.
06 08 78	1250			.3		0.030L	0.005L	0.010L		0.020L	0.020L	1. L	1. L	1. L	3.
08 09 78	1245			.3								1. L	1. L	1. L	3.
06 10 78	1200			.3		0.050L	0.010L	0.020L		0.040L	0.040L	1. L	1. L	1. L	4.
04 11 78	1210			.3		0.030L	0.005L	0.010		0.020L	0.020L	1. L	1. L	1. L	4.
08 12 78	1240			.3		0.030L	0.005L	0.010		0.020L	0.020L	1. L	1. L	1. L	4.
MAXIMUM						0.050	0.010	0.030	0.082	0.040	0.040	2.	5.	1.	35.
AVG OR GEOM MN (*)						0.033D	0.006D	0.014D	0.077	0.023D	0.023D	1. D	1. D	1. D	6.
MINIMUM						0.030	0.005	0.010	0.071	0.020	0.020	1.	1.	1.	3.
NO OF SAMPLES						7	7	7	2	7	7	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
11 02 78	1120			.3		1. L	10. L
11 03 78	1240			.3		1. L	10. L
15 04 78	1220			.3		1. L	10. L
12 05 78	1300			.3		1.	10. L
09 07 78	1200			.3		1.	10. L
06 08 78	1250			.3		1. L	10. L
08 09 78	1245			.3		1. L	10. L
06 10 78	1200			.3		1. L	10. L
04 11 78	1210			.3		1. L	10. L
08 12 78	1240			.3		1. L	10. L
MAXIMUM						1.	10.
AVG OR GEOM MN (*)						1. D	10. D
MINIMUM						1.	10.
NO OF SAMPLES						10	10

B.O.W./ SITE: JOHN CREEK
SAMPLE POINT: ABOVE DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 24 LAT: LONG: U T M: 17 0449750.0 5141350.0 4 REGION: 05 MILEAGE: 66.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78	1230			.3		24506	4 6 8	270.	10.	108.	0.0	12.0	0.4	0.013	0.001
11 03 78	1215			.3		24590	4 6 8				0.0	11.0	0.4	0.008	0.001L
15 04 78	1210			.3		24637	3 6 8				1.0	10.0	0.8	0.015	0.002
12 05 78	1240			.3		24681	3 6 9				12.0	10.0	0.2	0.022	0.001
09 07 78	1140			.3		24768	6 8				18.0	10.0	0.6	0.014	0.001
06 08 78	1235			.3		24815	6 8				20.0	11.0	0.2	0.011	0.001
08 09 78	1230			.3		24860	6 8				14.0	11.0	0.2	0.020	0.002
06 10 78	1135			.3		24906	3 6 8				8.0	10.0	0.2	0.018	0.001
04 11 78	1145			.3		24952	6 8				3.0	11.0	0.2	0.010	0.001
08 12 78	1220			.3		24998	4 6 8				0.0	12.0	0.2	0.012	0.002
MAXIMUM								270.	10.	108.	20.0	12.0	0.8	0.022	0.002
AVG OR GEOM MN (*)								270.*	10.*	108.*	7.6	10.8	0.3	0.014	0.001D
MINIMUM								270.	10.	108.	0.0	10.0	0.2	0.008	0.001
NO OF SAMPLES								1	1	1	10	10	10	10	10

(C O N T D)

B.O.W./ SITE: JOHN CREEK
SAMPLE POINT: ABOVE DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 24 LAT: LONG: U T M: 17 0449750.0 5141350.0 4 REGION: 05 MILEAGE: 66.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 01 78 1230			.3		0.024	0.260	0.002	0.130	0.156	0.236	0.392	51.0	4.7	46
11 03 78 1215			.3		0.050	0.350	0.002	0.163	0.215	0.300	0.515	57.0	1.9	55
15 04 78 1210			.3		0.120	0.380	0.004	0.390	0.514	0.260	0.774	97.0	44.0	53
12 05 78 1240			.3		0.048	0.310	0.004	0.080	0.132	0.262	0.394	45.0	13.0	32
09 07 78 1140			.3		0.022	0.330	0.003	0.035	0.060	0.308	0.368	57.0	2.1	55
06 08 78 1235			.3		0.022	0.220	0.014	0.021	0.057	0.198	0.255	53.0	2.0	51
08 09 78 1230			.3		0.016	0.200	0.005	0.035	0.056	0.184	0.240	40.0	6.5	34
06 10 78 1135			.3		0.014	0.390	0.005	0.085	0.104	0.376	0.480	41.0	8.6	32
04 11 78 1145			.3		0.034	0.270	0.004	0.106	0.144	0.236	0.380	43.0	2.6	40
08 12 78 1220			.3		0.070	0.310	0.002	0.168	0.240	0.240	0.480	48.0	3.9	44
MAXIMUM					0.120	0.390	0.014	0.390	0.514	0.376	0.774	97.0	44.0	55
AVG OR GEOM MN (*)					0.042	0.302	0.005	0.121	0.168	0.260	0.428	53.2	8.9	44
MINIMUM					0.014	0.200	0.002	0.021	0.056	0.184	0.240	40.0	1.9	32
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 01 78 1230			.3		70	2.60	2.1	11.5	3.20	3.4	15	7.01	0.340	6.0
11 03 78 1215			.3		84	2.00	2.3	13.5	3.95	321.0	23	7.13	0.420	
15 04 78 1210			.3		82	3.90	4.0							
12 05 78 1240			.3		49	4.20	1.4							
09 07 78 1140			.3		84	1.80	3.2							
06 08 78 1235			.3		79	1.10	3.2							
08 09 78 1230			.3		53	1.60	1.8							
06 10 78 1135			.3		49	2.80	1.9							
04 11 78 1145			.3		61	1.40	2.1							
08 12 78 1220			.3		68	2.40	2.2							
MAXIMUM					84	4.20	4.0	13.5	3.95	321.0	23	7.13	0.420	6.0
AVG OR GEOM MN (*)					68	2.38	2.4	12.5	3.58	162.2	19	7.07	0.380	6.0
MINIMUM					49	1.10	1.4	11.5	3.20	3.4	15	7.01	0.340	6.0
NO OF SAMPLES					10	10	10	2	2	2	2	2	2	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
02 01 78 1230			.3		26.0	7.00	2.00	30	0.65	2.00	26	0.001	0.220	0.020L
11 03 78 1215			.3		34.0	10.40	1.85	20	0.80	2.50	10L	0.001L	0.090	0.020L
12 05 78 1240			.3									0.001	0.370	0.020L
09 07 78 1140			.3									0.001	0.300	0.020L
06 08 78 1235			.3									0.001	0.190	0.040L
06 10 78 1135			.3									0.001	0.200L	0.020L
04 11 78 1145			.3									0.002	0.600	0.020L
08 12 78 1220			.3									0.002	0.600	0.020L
MAXIMUM					34.0	10.40	2.00	30	0.80	2.50	26	0.002	0.600	0.040
AVG OR GEOM MN (*)					30.0	8.70	1.93	25	0.73	2.25	18D	0.001D	0.321D	0.023D
MINIMUM					26.0	7.00	1.85	20	0.65	2.00	10	0.001	0.090	0.020
NO OF SAMPLES					2	2	2	2	2	2	2	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
02 01 78 1230			.3		0.040	0.030L	0.005L	0.010L	0.030	0.020L	0.020L	2.	2.	1. L
11 03 78 1215			.3		0.030	0.030L	0.005L	0.030	0.034	0.020L	0.020L	1. L	1.	1. L
15 04 78 1210			.3									1.	5.	1.
12 05 78 1240			.3		0.020	0.030L	0.005L	0.010		0.020L	0.030L	1. L	1. L	1.
09 07 78 1140			.3		0.040	0.030L	0.005L	0.020L		0.020L	0.020L	2.	1. L	1. L
06 08 78 1235			.3		0.010L	0.030L	0.005L	0.010L		0.020L	0.020L	1. L	1.	1. L
08 09 78 1230			.3									1. L	1. L	1. L
06 10 78 1135			.3		0.020L	0.050L	0.010L	0.020L		0.040L	0.040L	1. L	1. L	1. L
04 11 78 1145			.3		0.040	0.030L	0.005L	0.040		0.100	0.020L	1. L	1. L	1. L
08 12 78 1220			.3		0.040	0.030L	0.005L	0.040		0.100	0.020L	1. L	1. L	1. L
MAXIMUM					0.040	0.050	0.010	0.040	0.034	0.100	0.040	2.	5.	1.
AVG OR GEOM MN (*)					0.030D	0.033D	0.006D	0.023D	0.032	0.043D	0.024D	1. D	1. D	1. D
MINIMUM					0.010	0.030	0.005	0.010	0.030	0.020	0.020	1.	1.	1.
NO OF SAMPLES					8	8	8	8	2	8	8	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78 1230			.3		10.	1. L	10. L
11 03 78 1215			.3		2.	1. L	10. L
15 04 78 1210			.3		5.	1.	10. L
12 05 78 1240			.3		3.	1.	10. L
09 07 78 1140			.3		3.	1. L	10. L
06 08 78 1235			.3		1.	1. L	10. L
08 09 78 1230			.3		3.	1. L	10. L
06 10 78 1135			.3		3.	1. L	10. L
04 11 78 1145			.3		5.	1. L	10. L
08 12 78 1220			.3		5.	1. L	10. L
MAXIMUM					10.	1.	10.
AVG OR GEOM MN (*)					4.	1. D	10. D
MINIMUM					1.	1.	10.
NO OF SAMPLES					10	10	10

B.O.W./ SITE: MILL DITCH
SAMPLE POINT: AT OPEN DITCH BELOW MINE OUTFALL
STATION TYPE: RIVER

STATION ID: 14-0028-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 25 LAT: LONG: U T M: 17 0451500.0 5141850.0 4 REGION: 05 MILEAGE: 67.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78 1135			.3		24505	6 8	4. L	10.	56.	1.0	10.0	1.4	0.069	0.020
11 02 78 1220			.3		24549	6 8	55000E+1	530.	340.	1.0	9.0	1.4	0.081	0.027
11 03 78 1135			.3		24589	6 8				1.0	8.0	3.0	0.210	0.100
15 04 78 1125			.3		24636	3 6 9				2.0	7.0	1.4	0.100	0.018
12 05 78 1215			.3		24680	3 6 9				13.0	6.0	0.8	0.062	0.017
09 07 78 1115			.3		24767	6 8				19.0	6.0	3.8	0.194	0.052
08 09 78 1200			.3		24859	6 8 9				16.0	7.0	1.0	0.041	0.012
06 10 78 1035			.3		24904	6 8 9				10.0	8.0	0.2	0.065	0.013
04 11 78 1050			.3		24950	6 0 9				5.0	7.0	1.4	0.060	0.032
08 12 78 1120			.3		24996	6 0 9				2.0	8.0	0.4	0.061	0.008
MAXIMUM							55000E+1	530.	340.	19.0	10.0	3.8	0.210	0.100
AVG OR GEOM MN (*)							1483.* D	73.*	138.*	7.0	7.6	1.5	0.094	0.030
MINIMUM							4.	10.	56.	1.0	6.0	0.2	0.041	0.008
NO OF SAMPLES							2	2	2	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
02 01 78 1135			.3		0.650	1.100	0.007	1.010	1.667	0.450	2.117	116.0	8.2	108
11 02 78 1220			.3		0.320	0.870	0.012	0.623	0.955	0.550	1.505	125.0	7.5	117
11 03 78 1135			.3		0.630	1.410	0.010	0.835	1.475	0.780	2.255	114.0	5.4	109
15 04 78 1125			.3		0.126	0.440	0.008	0.705	0.839	0.314	1.153	175.0	87.0	88
12 05 78 1215			.3		0.196	0.520	0.007	0.475	0.678	0.324	1.002	85.0	9.5	75
09 07 78 1115			.3		0.500	1.300	0.061	0.820	1.381	0.800	2.181	141.0	31.0	110
08 09 78 1200			.3		0.258	0.310	0.014	0.605	0.877	0.052	0.929	113.0	20.0	93
06 10 78 1035			.3		0.084	0.470	0.012	0.560	0.656	0.386	1.042	90.0	21.0	69
04 11 78 1050			.3		0.461	1.210	0.045	1.100	1.606	0.749	2.355	82.0	6.7	75
08 12 78 1120			.3		0.210	0.510	0.005	0.560	0.775	0.300	1.075	101.0	39.0	62
MAXIMUM					0.650	1.410	0.061	1.100	1.667	0.800	2.355	175.0	87.0	117
AVG OR GEOM MN (*)					0.344	0.814	0.018	0.729	1.091	0.471	1.561	114.2	23.5	91
MINIMUM					0.084	0.310	0.005	0.475	0.656	0.052	0.929	82.0	5.4	62
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
02 01 78 1135			.3		166	6.80	6.0	35.5	4.80	6.0	30	6.87	1.000	3.0
11 02 78 1220			.3		180	6.20	5.7	34.5	5.80	6.4	42	7.06	1.250	
11 03 78 1135			.3		168	6.60	12.5	23.0	6.00	6.6	35	7.18	1.200	
15 04 78 1125			.3		136	34.00	14.0	23.0	3.55	3.6	16	6.95	3.700	
12 05 78 1215			.3		115	4.30	10.0	24.0	3.00	4.0	13	6.72	0.630	1.0
09 07 78 1115			.3		170	8.60	8.2	30.5	3.15	5.6	39	7.17	2.200	4.0
08 09 78 1200			.3		143	6.10	6.7	28.5	3.70	7.3	34	6.20	1.700	1.0
06 10 78 1035			.3		106	27.00	7.1	26.0	4.10	3.4	15	6.66	2.200	
04 11 78 1050			.3		115	4.40	8.9	28.0	4.00	7.1	10	6.40	2.700	
08 12 78 1120			.3		95	5.70	3.7	22.5	5.50	3.9	18	6.64	1.600	
MAXIMUM					180	34.00	14.0	35.5	6.00	7.3	42	7.18	3.700	4.0
AVG OR GEOM MN (*)					139	10.97	8.3	27.6	4.36	5.4	25	6.79	1.818	2.3
MINIMUM					95	4.30	3.7	22.5	3.00	3.4	10	6.20	0.630	1.0
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
02 01 78 1135			.3		63.0	16.00	5.50	30	1.25	4.80	24	0.001	0.980	0.020L
11 02 78 1220			.3		70.0	18.00	6.00	50	1.20	6.80	34	0.001	0.280	0.020L
11 03 78 1135			.3		52.0	13.40	4.45	50	1.50	10.00	38	0.001L	0.350	0.020L
15 04 78 1125			.3		40.0	11.20	3.00	45	1.25	8.80	40			
12 05 78 1215			.3		36.0	10.00	2.60	30	0.90	5.80	27	0.001	0.530	0.020L
09 07 78 1115			.3		62.0	16.00	5.35	99	1.35	7.00	44	0.002	0.820	0.020L
08 09 78 1200			.3		53.0	13.80	4.45	116	1.30	5.80	71			
06 10 78 1035			.3		34.0	9.60	2.50	74	1.40	6.10	25	0.001	2.100	0.020L
04 11 78 1050			.3		33.0	8.80	2.65	96	1.30	5.80	34	0.001	0.560	0.020L
08 12 78 1120			.3		31.0	7.80	2.90	56	0.80	3.30	23			
MAXIMUM					70.0	18.00	6.00	116	1.50	10.00	71	0.002	2.100	0.020
AVG OR GEOM MN (*)					47.4	12.46	3.94	65	1.23	6.42	36	0.001D	0.803	0.020D
MINIMUM					31.0	7.80	2.50	30	0.80	3.30	23	0.001	0.280	0.020
NO OF SAMPLES					10	10	10	10	10	10	10	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L
02 01 78 1135			.3		0.050	0.030L	0.005L	0.290	0.540	0.020L	0.020L	2.	5.	5.
11 02 78 1220			.3		0.050	0.030L	0.005L	0.250	0.540	0.020L	0.020L	1.	35.	7.
11 03 78 1135			.3		0.050	0.030L	0.005L	0.250	0.300	0.020L	0.020L	1. L	5.	2.
15 04 78 1125			.3						0.290			1.	10.	10.
12 05 78 1215			.3		0.050	0.030L	0.005L	0.220	0.230	0.020L	0.030L	1. L	30.	4.
09 07 78 1115			.3		0.080	0.030L	0.005L	0.290	0.510	0.020L	0.020L	1.	1. L	10.
08 09 78 1200			.3						0.350			1.	35.	1. L
06 10 78 1035			.3		0.020L	0.050L	0.010L	0.110	0.270	0.040L	0.040L	1. L	37.	7.
04 11 78 1050			.3		0.040	0.030L	0.005L	0.150	0.240	0.020L	0.020L	1. L	6.	4.
08 12 78 1120			.3						0.210					
MAXIMUM					0.080	0.050	0.010	0.290	0.540	0.040	0.040	2.	37.	10.
AVG OR GEOM MN (*)					0.049D	0.033D	0.006D	0.223	0.348	0.023D	0.024D	1. D	18. D	5. D
MINIMUM					0.020	0.030	0.005	0.110	0.210	0.020	0.020	1.	1.	1.
NO OF SAMPLES					7	7	7	7	10	7	7	9	9	9

(C O N T D)

STATION ID: 14-0028-025-02

B.O.W./ SITE: MILL DITCH
SAMPLE POINT: AT OPEN DITCH BELOW MINE OUTFALL
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 25 LAT: LONG: U T M: 17 0451500.0 5141850.0 4 REGION: 05 MILEAGE: 67.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
02 01 78	1135			.3		10.	5.	10. L
11 02 78	1220			.3		15.	4.	20.
11 03 78	1135			.3		5.	1.	10. L
15 04 78	1125			.3		10.	5.	10. L
12 05 78	1215			.3		15.	2.	15.
09 07 78	1115			.3		3.	6.	10. L
08 09 78	1200			.3		10.	1. L	21.
06 10 78	1035			.3		8.	4.	20.
04 11 78	1050			.3		9.	2.	10. L
MAXIMUM						15.	6.	21.
AVG OR GEOM MN (*)						9.	3. D	14. D
MINIMUM						3.	1.	10.
NO OF SAMPLES						9	9	9

STATION ID: 14-0028-027-02

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: HIGHWAY 17 2 MILES EAST OF WHITEFISH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 27 LAT: LONG: U T M: 17 0478550.0 5137250.0 4 REGION: 05 MILEAGE: 65.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
02 01 78	0910			.3		24501	4 6 8	20.	4. L	36.	0.0	12.0	0.6	0.019	0.005
11 02 78	0945			.3		24545	4 6 8	8.	2. L	2. L	0.0	12.0	0.4	0.023	0.007
11 03 78	0905			.3		24585	4 6 8				0.0	13.0	1.0	0.024	0.011
15 04 78	0820			.3		24630	3 6 8				1.0	11.0	0.6	0.030	0.014
12 05 78	0855			.3		24673	3 6 8				12.0	10.0	0.6	0.029	0.002
06 06 78	0900			.3		24807	6 8				19.0	12.0	0.4	0.007	0.001
10 06 78	0920			.3		24721	6 8				14.0	11.0	0.2	0.011	0.002
09 07 78	0825			.3		24761	6 8	20.	4.		17.0	11.0	0.6	0.008	0.004
08 09 78	0905			.3		24853	6 8				14.0	11.0	6.0	0.086	0.003
06 10 78	0830			.3		24898	6 8 3				7.0	11.0	0.2	0.018	0.003
04 11 78	0800			.3		24944	6 8				3.0	12.0	0.6	0.012	0.005
08 12 78	0845			.3		24990	6 8				0.0	12.0	0.2	0.013	0.004
MAXIMUM								20.	4.	36.	19.0	13.0	6.0	0.086	0.014
AVG OR GEOM MN (*)								15.*	3.* D	8.* D	7.3	11.5	1.0	0.023	0.005
MINIMUM								8.	2.	2.	0.0	10.0	0.2	0.007	0.001
NO OF SAMPLES								3	3	2	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
02 01 78	0910			.3		0.044	0.310	0.003	0.127	0.174	0.266	0.440	85.0	1.2	
11 02 78	0945			.3		0.950	1.520	0.005	0.605	1.560	0.570	2.130	200.0	2.8	
11 03 78	0905			.3		1.230	1.800	0.008	0.682	1.920	0.570	2.490	205.0	2.2	
15 04 78	0820			.3		0.208	0.510	0.008	0.385	0.601	0.302	0.903	113.0	3.1	
12 05 78	0855			.3		0.192	0.360	0.062	0.650	0.904	0.168	1.072	71.0	13.0	
06 06 78	0900			.3		0.032	0.230	0.009	0.006	0.047	0.198	0.245	83.0	1.3	
10 06 78	0920			.3		0.032	0.270	0.004	0.070	0.106	0.238	0.344	66.0	1.1	
09 07 78	0825			.3		0.036	0.260	0.002	0.020	0.058	0.224	0.282	70.0	1.5	
08 09 78	0905			.3		0.038	7.100	0.001	0.005L	0.044	7.062	7.106	1124.0	17.0	1107
06 10 78	0830			.3		0.022	0.410	0.005	0.120	0.147	0.388	0.535	81.0	5.8	
04 11 78	0800			.3		0.034	0.340	0.004	0.136	0.174	0.306	0.480	81.0	2.6	
08 12 78	0845			.3		0.080	0.370	0.009	0.511	0.600	0.290	0.890	81.0	0.9	
MAXIMUM						1.230	7.100	0.062	0.682	1.920	7.062	7.106	1124.0	17.0	1107
AVG OR GEOM MN (*)						0.242	1.123	0.010	0.276D	0.528	0.882	1.410	188.3	4.4	1107
MINIMUM						0.022	0.230	0.001	0.005	0.044	0.168	0.245	66.0	0.9	1107
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
02 01 78	0910			.3		84	129	2.20	5.4						
11 02 78	0945			.3		197	303	2.70	14.0						
11 03 78	0905			.3		203	313	2.40	17.0						
15 04 78	0820			.3		110	170	2.70	10.0	35.5	3.50	2.5	26	7.49	0.650
12 05 78	0855			.3		58	89	3.10	3.5	21.0	2.80	2.8	15	7.24	0.430
06 06 78	0900			.3		82	126	0.70	4.8	25.0	1.55	2.3	29	7.21	0.100
10 06 78	0920			.3		65	98	0.80	3.3	25.0	2.55	1.9	19	6.97	0.190
09 07 78	0825			.3		69	106	1.00	3.3	19.5	1.40	1.1	24	7.69	0.140
08 09 78	0905			.3			1430	4.50	85.0	588.0	3.25	8.0	4	6.33	0.670
06 10 78	0830			.3		75	116	3.30	5.3	25.5	2.65	2.5	24	7.33	0.430
04 11 78	0800			.3		78	120	1.90	5.1	26.5	2.90	2.0	22	7.78	0.440
08 12 78	0845			.3		80	123	1.80	5.6	28.0	3.40	2.6	23	6.98	0.370
MAXIMUM						203	1430	4.50	85.0	588.0	3.50	8.0	29	7.78	0.670
AVG OR GEOM MN (*)						100	260	2.26	13.5	88.2	2.67	2.8	21	7.22	0.380
MINIMUM						58	89	0.70	3.3	19.5	1.40	1.1	4	6.33	0.100
NO OF SAMPLES						11	12	12	12	9	9	9	9	9	9

(C O N T D)

```
                                       25        76        72        74        68        67        66        41       265        203
SAMP DTE HOUR  STN  STN SAMP  PJ    PHENOLS    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH                HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA             ARSENIC   ALUMINUM
               FEET      MTRS         UG/L      MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L       MG/L

02 01 78 0910              .3                                                                                      0.001      0.220
11 02 78 0945              .3                                                                                      0.001      0.160
11 03 78 0905              .3                                                                                      0.001      0.180
15 04 78 0820              .3                   58.0     17.00      3.70        35      1.65      7.10        24
12 05 78 0855              .3          2.0      34.0      9.80      2.20        30      0.90      2.70        29     0.001      0.190
06 06 78 0900              .3                   50.0     14.60      3.20        18      1.10      3.80        21     0.003      0.080
10 06 78 0920              .3          1.0L     63.0     20.80      2.60        38      0.05      2.30        22     0.002      0.140
09 07 78 0825              .3                   39.0     11.20      2.70        44      0.85      3.00        10     0.002      0.120
08 09 78 0905              .3          1.0L    490.0    164.00     19.00        12     16.50    120.00        46
06 10 78 0830              .3          1.0L     45.0     13.20      3.00        58      1.20      4.00        32
04 11 78 0800              .3                   45.0     13.40      2.90        47      1.15      3.40        50     0.001      0.520
08 12 78 0845              .3                   43.0     12.60      2.90        43      1.20      8.00        37     0.001      0.140

                      MAXIMUM          2.0     490.0    164.00     19.00        58     16.50    120.00        50     0.003      0.520
           AVG OR GEOM MN (*)          1.3D     96.3     30.73      4.69        36      2.83     17.14        30     0.001      0.194
                      MINIMUM          1.0      34.0      9.80      2.20        12      0.85      2.30        10     0.001      0.080

                NO OF SAMPLES            4         9         9         9         9         9         9         9         9          9

                                      221       225       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      CHROMIUM    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 01 78 0910              .3        0.020L    0.040     0.030L    0.005L    0.020               0.140     0.020L
11 02 78 0945              .3        0.020L    0.080     0.030L    0.005L    0.020               0.360     0.020L
11 03 78 0905              .3        0.020L    0.040     0.030L    0.005L    0.110               0.280     0.020L
15 04 78 0820              .3                                                          0.110
12 05 78 0855              .3        0.020L    0.030     0.030L    0.005L    0.010     0.064     0.060     0.030L
06 06 78 0900              .3        0.040L    0.010L    0.030L    0.005L    0.010L    0.040     0.030     0.020L
10 06 78 0920              .3        0.020L    0.060     0.030L    0.005L    0.010L    0.021     0.050     0.020L
09 07 78 0825              .3        0.020L    0.070     0.030L    0.005L    0.010     0.036     0.020L    0.002L
08 09 78 0905              .3                                                          0.320
04 11 78 0800              .3        0.020L    0.060     0.030L    0.005L    0.040     0.068     0.130     0.0[illegible]L
08 12 78 0845              .3        0.020L    0.030     0.030L    0.005L    0.010L    0.066     0.170     0.020L

                      MAXIMUM        0.040     0.080     0.030     0.005     0.110     0.320     0.360     0.030
           AVG OR GEOM MN (*)        0.022D    0.047D    0.030D    0.0050    0.027D    0.091     0.138D    0.019D
                      MINIMUM        0.020     0.010     0.030     0.005     0.010     0.021     0.020     0.002

                NO OF SAMPLES            9         9         9         9         9         8         9         9
```

```
B.O.W./ SITE: WHITSON RIVER                                                                  STATION ID:  14-0028-028-02
SAMPLE POINT: HIGHWAY 634 WEST OF VAL CARON
STATION TYPE: RIVER    FLOW GAUGE FED 02CF008            MAJOR BASIN: GREAT LAKES
                                                         MINOR BASIN: LAKE HURON                       STORET CODE: 02
                                                         TERM STREAM: SPANISH RIVER                                 002
                                                                                                                    7950
STN NO:     28     LAT:                 LONG:            U T M: 17 0497500.0 5161600.0 4   REGION: 05     MILEAGE:   97.70

                                     934       901       444        80        81        84       805         3         1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD          P
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L       MG/L

14 01 78 0915              .3        24523   6 8        32.00                                    0.0      11.0       0.2      0.019
14 02 78 0900              .3        24579   6 8        22.20       50.        2.        2.        0.0      10.0       0.2      0.013
19 03 78 0800              .3        24622   6 8        16.90       36.        2. L      2. L      0.0      10.0       0.4      0.020
17 04 78 0725              .3        24656   3 6 8     156.00                                    1.0       9.0       0.8      0.036
14 05 78 1440              .3        24702   3 6 8     148.00       40.       36.                 13.0      10.0       0.8      0.032
12 06 78 0830              .3        24742   6 8        24.00       80.        4. L               15.0       9.0       0.4      0.020
10 07 78 1410              .3        24788   6 8        22.00       80.       28.                 18.0      10.0       0.6      0.015
20 08 78 1400              .3        24834   6 8        13.80      270.      104.                 19.0      10.0       0.2      0.016
17 09 78 1400              .3        24879   6 8        50.90      240.       92.                 12.0      10.0       3.4      0.049
16 10 78 0745              .3        24925   6 8        86.00       20. L      8.                  4.0      10.0       0.8      0.021
19 11 78 1420              .3        24971   6 8        83.40       80.       16.                  0.0      10.0       0.2      0.036
16 12 78 1350              .3        25017   6 8        40.30                                    0.0      11.0       0.2      0.012

                      MAXIMUM                          156.00      270.      104.        2.       19.0      11.0       3.4      0.049
           AVG OR GEOM MN (*)                           57.96       71.* D    14.* D     2.* D     6.8      10.0       0.7      0.024
                      MINIMUM                           13.80       20.        2.        2.        0.0       9.0       0.2      0.012

                NO OF SAMPLES                              12         9         9         2        12        12        12         12

                                      34        19        20        21        22        17        18        23         5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS     SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L       MG/L

14 01 78 0915              .3        0.002     0.088     0.390     0.007     0.273     0.368     0.302     0.670     129.0        1.5
14 02 78 0900              .3        0.005     0.146     0.470     0.006     0.239     0.391     0.324     0.715     142.0        1.6
19 03 78 0800              .3        0.007     0.136     0.380     0.006     0.384     0.526     0.244     0.770     161.0        6.5
17 04 78 0725              .3        0.004     0.140     0.520     0.009     0.480     0.629     0.380     1.009     155.0       51.0
14 05 78 1440              .3        0.003     0.036     0.530     0.006     0.185     0.227     0.494     0.721     127.0       17.0
12 06 78 0830              .3        0.006     0.048     0.460     0.014     0.425     0.487     0.412     0.899     168.0        2.4
10 07 78 1410              .3        0.001     0.016     0.230     0.004     0.195     0.215     0.214     0.429     135.0        1.6
20 08 78 1400              .3        0.004     0.032     0.420     0.010     0.335     0.377     0.388     0.765     181.0        2.0
17 09 78 1400              .3        0.012     0.024     0.860     0.012     0.170     0.206     0.836     1.042     121.0        3.7
16 10 78 0745              .3        0.004     0.021     0.530     0.005     0.120     0.146     0.509     0.655     105.0        4.3
19 11 78 1420              .3        0.005     0.028     0.460     0.005     0.255     0.288     0.432     0.720     113.0        6.0
16 12 78 1350              .3        0.004     0.068     0.31      0.006     0.239     0.313     0.242     0.555     133.         2.

                      MAXIMUM        0.012     0.146     0.860     0.014     0.480     0.629     0.836     1.042     181.0       51.0
           AVG OR GEOM MN (*)        0.005     0.065     0.463     0.008     0.275     0.348     0.398     0.746     139.2        8.3
                      MINIMUM        0.001     0.016     0.230     0.004     0.120     0.146     0.214     0.429     105.0        1.5

                NO OF SAMPLES           12        12        12        12        12        12        12        12        12         12
```

(C O N T D)

```
 B.O.W./ SITE: WHITSON RIVER                                                              STATION ID:  14-0028-028-02
 SAMPLE POINT: HIGHWAY 634 WEST OF VAL CARON
 STATION TYPE: RIVER    FLOW GAUGE FED 02CF008            MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                    002
                                                          TERM STREAM: SPANISH RIVER                                 7950

STN NO:     28     LAT:                LONG:               U T M: 17 0497500.0 5161600.0 4    REGION: 05          MILEAGE:    97.70

                                         107        14       16       56
SAMP DTE HOUR   STN  STN SAMP  PJ  CALCUL       COND.     TURB.    CHLORIDE
DY MO YR LMT    DIST BRG DEPTH     D-SOLIDS       25C   FORMAZIN     MG/L
                FEET      MTRS     MG/L         UMHOS    UNITS

14 01 78 0915               .3          127.      195     2.10      13.0
14 02 78 0900               .3          140       216     2.70      13.5
19 03 78 0800               .3          155       238     3.20      16.0
17 04 78 0725               .3          104       160     2.90      14.0
14 05 78 1440               .3          110       170     3.40      11.5
12 06 78 0830               .3          166       255     2.10      12.5
10 07 78 1410               .3          133       205     1.80      13.0
20 08 78 1400               .3          179       275     2.10      18.0
17 09 78 1400               .3          117       180     2.50      14.0
16 10 78 0745               .3          101       155     2.10      10.0
19 11 78 1420               .3          107       165     3.50      12.5
16 12 78 1350               .3          131       202     2.0       17.

                       MAXIMUM          179       275     3.50      18.0
             AVG OR GEOM MN (*)         131       201     2.53      13.7
                       MINIMUM          101       155     1.80      10.0

                 NO OF SAMPLES           12        12       12        12


 B.O.W./ SITE: WHITSON RIVER                                                              STATION ID:  14-0028-030-02
 SAMPLE POINT: AT BRIDGE IN THE COMMUNITY OF BRADLEY
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                    002
                                                          TERM STREAM: SPANISH RIVER                                 7950

STN NO:     30     LAT:                LONG:               U T M: 17 0479600.0 5153600.0 4    REGION: 05          MILEAGE:    80.60

                                      934        901       80         81         84        805        3          1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE        SCD     TOTAL      FECAL       M.F.     WATER      DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT    DIST BRG DEPTH          NO              COLIFORM   COLIFORM     ENTER.    TEMP.        O2        BOD         P   REACTIVE
                FEET      MTRS                          MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L       MG/L      MG/L     P MG/L

15 01 78 1235               .3       24536     4 6 8                                        0.0       11.0       0.4     0.002      0.001
13 02 78 1330               .3       24572     4 6 8     48.         2.          2.  L      0.0       11.0       0.2     0.014      0.001
18 03 78 1235               .3       24614     4 6 8                                        0.0       10.0       0.4     0.017      0.006
16 04 78 1120               .3       24650     3 6 8                                        1.0        9.0       1.0     0.033      0.008
14 05 78 1125               .3       24696     3 6 8    200.         8.                    12.0       10.0       1.0     0.048      0.005
11 06 78 1225               .3       24736     6 8      100.        12.                    15.0        9.0       0.4     0.018      0.003
10 07 78 1125               .3       24782     6 8                                         17.0        9.0
20 09 78 1100               .3       24828     6 8      360.       304.                    19.0       10.0       0.4     0.013      0.003
17 09 78 1115               .3       24873     6 8      860.        60.                    12.0       10.0       0.4     0.028      0.008
15 10 78 1245               .3       24919     6 8                                          6.0       10.0       0.4     0.024      0.003
19 11 78 1120               .3       24965     6 8      160.        56.                     1.0       10.0       0.2     0.028      0.008
16 12 78 1040               .3       25011     6 8 4                                        0.0       11.0       0.2     0.013      0.005




                       MAXIMUM                          860.       304.        2.          19.0       11.0       1.0     0.048      0.008
             AVG OR GEOM MN (*)                         190.*       24.*       2.* D        6.9       10.0       0.5     0.022      0.005
                       MINIMUM                           48.         2.        2.           0.0        9.0       0.2     0.002      0.001

                 NO OF SAMPLES                              6          6          1          12         12        11        11         11

                                    19         20         21         22         17         18         23          5          6        107
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED     TOTAL   FILTERED   FILTERED    INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.   CALCUL
DY MO YR LMT    DIST BRG DEPTH     AMMONIA   KJELDAHL   NO2-N      NO3-N            N   ORGNC  N              SOLIDS     SOLIDS   D-SOLIDS
                FEET      MTRS        MG/L       MG/L   MG/L       MG/L          MG/L       MG/L       MG/L       MG/L       MG/L   MG/L

15 01 78 1235               .3       0.118      0.410      0.008      0.272      0.398      0.292      0.690      167.0        1.4        166
13 02 78 1330               .3       0.112      0.400      0.006      0.264      0.382      0.288      0.670      172.0        0.8        171
18 03 78 1235               .3       0.120      0.600      0.005      0.435      0.560      0.480      1.040      199.0        6.4        193
16 04 78 1120               .3       0.172      0.570      0.010      0.510      0.692      0.398      1.090      122.0        8.4        114
14 05 78 1125               .3       0.040      0.700      0.009      0.190      0.239      0.660      0.899      171.0       38.0        133
11 06 78 1225               .3       0.024      0.400      0.007      0.390      0.421      0.376      0.797      211.0        2.7        208
20 08 78 1100               .3       0.020      0.290      0.005      0.190      0.215      0.270      0.485      210.0        2.3        208
17 09 78 1115               .3       0.026      0.730      0.011      0.240      0.277      0.704      0.981      160.0        4.0        156
15 10 78 1245               .3       0.009      0.710      0.006      0.115      0.130      0.701      0.831      123.0        5.6        117
19 11 78 1120               .3       0.025      0.540      0.007      0.263      0.295      0.515      0.810      152.0        9.0        143
16 12 78 1040               .3       0.080      0.35       0.006      0.299      0.385      0.270      0.655      162.         0.7        163

                       MAXIMUM       0.172      0.730      0.011      0.510      0.692      0.704      1.090      211.0       38.0        208
             AVG OR GEOM MN (*)      0.068      0.518      0.007      0.288      0.363      0.450      0.813      168.1        7.2        161
                       MINIMUM       0.009      0.290      0.005      0.115      0.130      0.270      0.485      122.0        0.7        114

                 NO OF SAMPLES          11         11         11         11         11         11         11         11         11         11

                                      14         16         56
SAMP DTE HOUR   STN  STN SAMP  PJ    COND.      TURB.   CHLORIDE
DY MO YR LMT    DIST BRG DEPTH         25C   FORMAZIN       MG/L
                FEET      MTRS       UMHOS      UNITS          .

15 01 78 1235               .3         256       2.50       13.5
13 02 78 1330               .3         263       3.30       14.0
18 03 78 1235               .3         297       3.00       15.5
16 04 78 1120               .3         175       3.40       14.0
14 05 78 1125               .3         205       6.20       11.0
11 06 78 1225               .3         320       1.70       15.5
20 08 78 1100               .3         320       1.40       17.0
17 09 78 1115               .3         240       3.00       13.0
15 10 78 1245               .3         180       2.50        9.9
19 11 78 1120               .3         220       6.60        9.7
16 12 78 1040               .3         248       1.8        18.

                       MAXIMUM         320       6.60       18.
             AVG OR GEOM MN (*)        248       3.22       13.7
                       MINIMUM         175       1.40        9.7

                 NO OF SAMPLES          11         11         11
```

B.O.W./ SITE: ROBERTS CREEK
SAMPLE POINT: UPSTREAM FROM NATIONAL STEEL PUMPHOUSE SELLWOOD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER
STATION ID: 14-0028-032-02
STORET CODE: 02
002
7950

STN NO: 32 LAT: LONG: U T M: 17 0497600.0 5187350.0 4 REGION: 05 MILEAGE: 149.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
17 04 78 0940			.3		24660	3 6 8	1.0	11.0	0.4	0.007	0.001	0.060	0.270	0.003
14 05 78 1635			.3		24706	3 6 8	12.0	11.0	0.2	0.018	0.003	0.020	0.240	0.003
12 06 78 1015			.3		24746	6 8	15.0	11.0	0.4	0.006	0.001	0.026	0.250	0.005
10 07 78 1555			.3		24792	6 8	17.0	11.0	0.8	0.008	0.001	0.022	0.260	0.003
20 08 78 1550			.3		24838	6 8	18.0	11.0	0.2	0.006	0.001L	0.020	0.270	0.003
17 09 78 1600			.3		24883	6 8	12.0	11.0	0.4	0.005	0.001	0.012	0.220	0.004
16 10 78 1025			.3		24929	6 8	4.0	10.0	0.2	0.012	0.002	0.036	0.290	0.007
19 11 78 1625			.3		24975	6 8	0.0	11.0	0.2	0.011	0.003	0.028	0.350	0.002
18 12 78 1550			.3		25021	6 8	0.0	12.0	2.0	0.022	0.003	0.122	1.02	0.005
MAXIMUM							18.0	12.0	2.0	0.022	0.003	0.122	1.02	0.007
AVG OR GEOM MN (*)							8.8	11.0	0.5	0.011	0.002D	0.038	0.352	0.004
MINIMUM							0.0	10.0	0.2	0.005	0.001	0.012	0.220	0.002
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
17 04 78 0940			.3		0.225	0.288	0.210	0.498	55.0	4.3	51	78	1.80	1.5
14 05 78 1635			.3		0.110	0.133	0.220	0.353	40.0	8.2	32	49	3.20	0.8
12 06 78 1015			.3		0.070	0.101	0.224	0.325	38.0	1.9	36	55	1.70	0.6
10 07 78 1555			.3		0.085	0.110	0.238	0.348	46.0	1.6	44	68	1.10	0.8
20 08 78 1550			.3		0.202	0.225	0.250	0.475	160.0	0.7	159	245	1.20	5.0
17 09 78 1600			.3		0.195	0.211	0.208	0.419	78.0	1.3	77	11C	1.90	2.0
16 10 78 1025			.3		0.120	0.163	0.254	0.417	37.0	1.4	36	56	2.40	0.9
19 11 78 1625			.3		0.168	0.198	0.322	0.520	57.0	1.0	56	86	2.40	1.7
18 12 78 1550			.3		0.085	0.212	0.898	1,110	103.	5.	98	150	3.6	3.8
MAXIMUM					0.225	0.288	0.898	1.110	160.0	8.2	159	245	3.6	5.0
AVG OR GEOM MN (*)					0.140	0.182	0.314	0.496	68.2	2.8	65	101	2.14	1.9
MINIMUM					0.070	0.101	0.208	0.325	37.0	0.7	32	49	1.10	0.6
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
14 05 78 1635			.3		0.001	0.30	0.02 L	0.04	0.03 L	0.005L	0.07	0.02 L	0.02 L
12 06 78 1015			.3		0.002	0.340	0.040L	0.050	0.030L	0.005L	0.040	0.020L	0.020L
10 07 78 1555			.3		0.001	0.460	0.020L	0.040	0.030L	0.005L	0.040	0.020L	0.020L
20 08 78 1550			.3		0.001	0.460	0.020L	0.040	0.030L	0.005L	0.040	0.020L	0.020L
17 09 78 1600			.3		0.001L	0.150	0.020L	0.020	0.030L	0.005L	0.020	0.020	0.020L
16 10 78 1025			.3		0.001	0.160	0.020L	0.030	0.030L	0.005L	0.010	0.020L	0.020L
19 11 78 1625			.3		0.001L	0.37	0.02 L	0.04	0.03 L	0.005L	0.02	0.02 L	0.02 L
16 12 78 1550			.3		0.001L	0.37	0.02 L	0.04	0.03 L	0.005L	0.02	0.02 L	0.02 L
MAXIMUM					0.002	0.460	0.040	0.050	0.03	0.005	0.07	0.02	0.02
AVG OR GEOM MN (*)					0.001D	0.326	0.023D	0.038	0.0300	0.005D	0.033	0.020D	0.020D
MINIMUM					0.001	0.160	0.02	0.020	0.03	0.005	0.010	0.02	0.02
NO OF SAMPLES					8	8	8	8	8	8	8	8	8

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWLING 6 MILES WEST OF CHELMSFORD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER
STATION ID: 14-0028-033-02
STORET CODE: 02
002
7950

STN NO: 33 LAT: LONG: U T M: 17 0475625.0 5157300.0 4 REGION: 05 MILEAGE: 95.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1350			.3		24538	6 8				0.0	13.0	0.2	0.001L	0.001L
13 02 78 1450			.3		24574	6 8	20.	2. L	2. L	0.0	13.0	0.2	0.023	0.007
18 03 78 1345			.3		24616	6 8				0.0	13.0	0.2	0.023	0.015
16 04 78 1225			.3		24652	3 6 8				0.0	11.0	0.6	0.028	0.011
14 05 78 1230			.3		24698	3 6 8	20.	4. L		12.0	12.0	0.4	0.018	0.002
11 06 78 1325			.3		24738	6 8	120.	4.		15.0	11.0	0.4	0.008	0.001
10 07 78 1210			.3		24784	6 8	40.	8.		17.0	12.0	0.5	0.012	0.002
20 08 78 1200			.3		24830	6 8	30.	12.		18.0	12.0	0.2	0.014	0.003
17 09 78 1205			.3		24875	6 8	1160.	24.		12.0	12.0	0.4	0.008	0.001
15 10 78 1335			.3		24921	6 8	100.	24.		6.0	12.0	0.5	0.020	0.002
19 11 78 1215			.3		24967	6 8	20. L	4. L		0.2	13.0	0.2	0.025	0.009
16 12 78 1140			.3		25013	6 8				0.0	13.0	0.2	0.050	0.004
MAXIMUM							1160.	24.	2.	18.0	13.0	0.6	0.050	0.015
AVG OR GEOM MN (*)							58.* D	7.* D	2.* D	6.7	12.3	0.3	0.0190	0.0050
MINIMUM							20.	2.	2.	0.0	11.0	0.2	0.001	0.001
NO OF SAMPLES							8	8	1	12	12	12	12	12

(CONTD)

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWLING 6 MILES WEST OF CHELMSFORD
STATION TYPE: RIVER

STATION ID: 14-0028-033-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 33 LAT: LONG: U T M: 17 0475625.0 5157300.0 4 REGION: 05 MILEAGE: 95.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 1350			.3		0.226	0.440	0.009	0.041	0.276	0.214	0.490	96.0	2.6	
13 02 78 1450			.3		0.800	1.030	0.010	0.010	0.820	0.230	1.050	103.0	1.1	
18 03 78 1345			.3		0.266	0.540	0.002	0.268	0.536	0.274	0.810	90.0	1.2	
16 04 78 1225			.3		0.178	0.390	0.011	0.305	0.494	0.212	0.706	96.0	5.6	
14 05 78 1230			.3		0.034	0.320	0.004	0.115	0.153	0.286	0.439	59.0	11.0	
11 06 78 1325			.3		0.020	0.250	0.010	0.015	0.045	0.230	0.275	53.0	4.4	
10 07 78 1210			.3		0.018	0.240	0.006	0.190	0.214	0.222	0.436	108.0	1.2	
20 08 78 1200			.3		0.046	0.260	0.005	0.080	0.131	0.214	0.345	78.0	1.1	
17 09 78 1205			.3		0.022	0.260	0.006	0.145	0.173	0.238	0.411	76.0	3.5	
15 10 78 1335			.3		0.033	0.320	0.003	0.110	0.146	0.287	0.433	71.0	6.6	
19 11 78 1215			.3		0.076	0.430	0.005	0.170	0.251	0.354	0.605	69.0	5.0	
16 12 78 1140			.3		0.122	0.66	0.005	0.185	0.312	0.538	0.850	76.	1.	75
MAXIMUM					0.800	1.030	0.011	0.305	0.820	0.538	1.050	108.0	11.0	75
AVG OR GEOM MN (*)					0.153	0.428	0.006	0.136	0.296	0.275	0.571	81.3	3.7	75
MINIMUM					0.018	0.240	0.002	0.010	0.045	0.212	0.275	53.0	1.	75
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
15 01 78 1350			.3		93	143	1.50	5.1	44.0	3.25	5.5	16	7.26	0.340
13 02 78 1450			.3		102	157	1.60	5.3		3.50	4.1	16	7.25	0.390
18 03 78 1345			.3		89	137	1.40	5.1	33.5	3.45	5.9	25	7.41	0.400
16 04 78 1225			.3		90	138	3.30	6.4	35.0	3.40	1.9	16	7.20	0.650
14 05 78 1230			.3		48	74	3.90	2.6	18.5	2.55	2.2	11	8.13	0.380
11 06 78 1325			.3		49	76	1.10	6.3	18.0	1.75	1.6	7	6.69	0.450
10 07 78 1210			.3		107	165	1.00	6.7	45.0	2.05	1.7	21	7.52	0.290
20 08 78 1200			.3		77	118	0.90	6.6	33.0	2.20	13.6	11	7.14	0.300
17 09 78 1205			.3		72	111	1.90	5.1	25.0	2.80	2.0	17	7.39	0.450
15 10 78 1335			.3		64	98	2.70	3.7	30.0	3.05	2.1	11	6.75	0.500
19 11 78 1215			.3		64	98	2.50	4.1	25.0	3.20	1.9	13	6.88	0.460
16 12 78 1140			.3			116	1.5	4.8	28.5	3.85	2.6	18	6.82	0.42
MAXIMUM					107	165	3.90	6.7	45.0	3.85	13.6	25	8.13	0.650
AVG OR GEOM MN (*)					78	119	1.94	5.1	30.5	2.92	3.8	15	7.20	0.419
MINIMUM					48	74	0.90	2.6	18.0	1.75	1.6	7	6.69	0.290
NO OF SAMPLES					11	12	12	12	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
15 01 78 1350			.3			51.0	16.20	2.65	15	1.85	4.10	21	0.001L	0.140
13 02 78 1450			.3			62.0	19.00	3.50	20	2.10	4.40	31	0.001L	0.140
18 03 78 1345			.3			51.0	16.00	2.70	30	1.50	3.80	74	0.002	0.140
16 04 78 1225			.3			49.0	15.00	2.80	35	1.65	4.50	26		
14 05 78 1230			.3		2.0	28.0	8.00	1.85	40	0.75	2.10	25	0.001L	0.38
11 06 78 1325			.3		1.0L	22.0	6.40	1.50	34	0.70	3.40	26	0.001	0.410
10 07 78 1210			.3			61.0	19.80	2.90	34	2.35	5.20	18	0.001	0.200
20 08 78 1200			.3		1.0L	58.0	19.80	2.15	24	1.45	4.80	24		
17 09 78 1205			.3		1.0L	39.0	11.80	2.40	32	1.30	3.80	75	0.001L	0.350
15 10 78 1335			.3			34.0	10.60	1.90	44	1.25	2.80	18	0.001	0.480
19 11 78 1215			.3			36.0	11.00	2.00	34	1.05	3.00	61	0.001L	0.20
16 12 78 1140			.3			44.	13.	2.85	35	1.60	3.8	65	0.001L	0.44
MAXIMUM					2.0	62.0	19.80	3.50	44	2.35	5.20	75	0.002	0.480
AVG OR GEOM MN (*)					1.3D	44.6	13.88	2.43	31	1.46	3.81	39	0.001D	0.288
MINIMUM					1.0	22.0	6.40	1.50	15	0.70	2.10	18	0.001	0.140
NO OF SAMPLES					4	12	12	12	12	12	12	12	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1350			.3		0.020L	0.020	0.030L	0.005L	0.030	0.083	0.100	0.020L
13 02 78 1450			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.088	0.110	0.020L
18 03 78 1345			.3		0.020L	0.010L	0.030L	0.005L	0.010	0.078	0.060	0.020L
16 04 78 1225			.3							0.095		
14 05 78 1230			.3		0.04 L	0.02	0.03 L	0.005L	0.01	0.059	0.36	0.02 L
11 06 78 1325			.3		0.040L	0.040	0.030L	0.005L	0.020	0.048	0.040	0.020L
10 07 78 1210			.3		0.020L	0.040	0.030L	0.005L	0.010	0.048	0.100	0.020L
20 08 78 1200			.3							0.054		
17 09 78 1205			.3		0.020L	0.010	0.030L	0.005L	0.010	0.060	0.250	0.020
15 10 78 1335			.3		0.020	0.040	0.030L	0.005L	0.020	0.074	0.240	0.020L
19 11 78 1215			.3		0.02	0.07	0.03 L	0.005L	0.02	0.060	0.20	0.02 L
16 12 78 1140			.3		0.02 L	0.05	0.03 L	0.005L	0.03	0.060	0.13	0.02 L
MAXIMUM					0.04	0.07	0.030	0.005	0.030	0.095	0.36	0.020
AVG OR GEOM MN (*)					0.024D	0.032D	0.030D	0.005D	0.017D	0.067	0.159	0.020D
MINIMUM					0.020	0.010	0.030	0.005	0.010	0.048	0.040	0.020
NO OF SAMPLES					10	10	10	10	10	12	10	10

```
 B.O.W./ SITE: JUNCTION CREEK                                                                      STATION ID:  14-0028-034-01
 SAMPLE POINT: END OF MC CHARLES LAKE ROAD
 STATION TYPE: RIVER
                                                          MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                         002
                                                          TERM STREAM: SPANISH RIVER                                      7950

STN NO:     34     LAT:                 LONG:              U T M: 17 0480550.0 5135950.0 4     REGION: 05           MILEAGE:   68.60

                                             934       901        80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE        SCD       TOTAL      FECAL      M.F.      WATER      DISS.     5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH                 NO              COLIFORM   COLIFORM     ENTER.     TEMP.        O2        BOD          P   REACTIVE
               FEET      MTRS                                 MF/100ML   MF/100ML   MF/100ML     DEG C      MG/L       MG/L       MG/L     P MG/L

02 01 78 0340                .3            24500    4 6 8      4.  L      4.  L      4.          0.0       11.0        0.4      0.026      0.006
11 02 78 0300                .3            24544    4 6 8    110.        10.  L   1000.  L       0.0       10.0       15.0      0.460      0.001L
11 03 78 0315                .3            24584    4 6 8                                        0.0       10.0        2.0      0.041      0.014

                        MAXIMUM                              110.        10.      1000.          0.00      11.0       15.0      0.460      0.014
              AVG OR GEOM MN (*)                              21.* D      6.* D     63.* D       0.0       10.3        5.8      0.176      0.007D
                        MINIMUM                                4.         4.         4.          0.0       10.0        0.4      0.026      0.001

                NO OF SAMPLES                                  2          2          2           3          3          3          3          3

                                              19        20         21         22         17         18         23          5          6        107
SAMP DTE HOUR  STN  STN SAMP  PJ        FILTERED     TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.     CALCUL
DY MO YR LMT   DIST BRG DEPTH            AMMONIA  KJELDAHL   NO2-N      NO3-N            N    ORGNC  N                SOLIDS     SOLIDS   D-SOLIDS
               FEET      MTRS               MG/L      MG/L   MG/L       MG/L          MG/L       MG/L       MG/L       MG/L       MG/L   MG/L

02 01 78 0340                .3            0.366     0.690     0.004      0.231      0.601      0.324      0.925      110.0        2.9        107
11 02 78 0300                .3            0.082     5.400     0.008      0.235      0.325      5.318      5.643      367.0      294.0         73
11 03 78 0315                .3            0.610     1.770     0.011      0.639      1.260      1.160      2.420      165.0        5.9        159

                        MAXIMUM            0.610     5.400     0.011      0.639      1.260      5.318      5.643      367.0      294.0        159
              AVG OR GEOM MN (*)           0.353     2.620     0.008      0.368      0.729      2.267      2.996      214.0      100.9        113
                        MINIMUM            0.082     0.690     0.004      0.231      0.325      0.324      0.925      110.0        2.9         73

                NO OF SAMPLES                  3         3         3          3          3          3          3          3          3          3

                                              14        16         56         59        280         95         52         55        208         25
SAMP DTE HOUR  STN  STN SAMP  PJ           COND.     TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL    PHENOLS
DY MO YR LMT   DIST BRG DEPTH                25C  FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
               FEET      MTRS              UMHOS     UNITS                  MG/L    SI MG/L       MG/L       MG/L                  MG/L       UG/L

02 01 78 0340                .3              164      2.10        6.7       44.0       4.00        4.2         19       6.85      0.550        3.0
11 02 78 0300                .3              112     47.00        3.5       19.5       4.70       28.8         31       6.40      9.900
11 03 78 0315                .3              244      4.50        8.9       62.0       5.40       10.2         41       6.73      2.600

                        MAXIMUM              244     47.00        8.9       62.0       5.40       28.8         41       6.85      9.900        3.0
              AVG OR GEOM MN (*)             173     17.87        6.4       41.8       4.70       14.4         30       6.66      4.350        3.0
                        MINIMUM              112      2.10        3.5       19.5       4.00        4.2         19       6.40      0.550        3.0

                NO OF SAMPLES                  3         3          3          3          3          3          3          3          3          1

                                              76        72         74         68         67         66         41        265        203        221
SAMP DTE HOUR  STN  STN SAMP  PJ          CALCUL     TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD      TOTAL      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH           HARDNESS   CALCIUM     NESIUM      HAZEN          K         NA               ARSENIC   ALUMINUM   CHROMIUM
               FEET      MTRS               MG/L      MG/L       MG/L      UNITS       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

02 01 78 0340                .3             52.0     15.00       3.50         40       1.55       6.40         28      0.001      0.270      0.020L
11 02 78 0300                .3             42.0     11.80       3.15                  1.15       3.50         42      0.033      3.800      0.040L
11 03 78 0315                .3            105.0     28.00       8.50        70G       2.75       9.80         64      0.004      0.230      0.040L



                        MAXIMUM            105.0     28.00       8.50         70       2.75       9.80         64      0.033      3.800      0.040
              AVG OR GEOM MN (*)            66.3     18.27       5.05        55U       1.82       6.57         45      0.013      1.433      0.033D
                        MINIMUM             42.0     11.80       3.15         40       1.15       3.50         28      0.001      0.230      0.020

                NO OF SAMPLES                  3         3          3          2          3          3          3          3          3          3

                                             225       229        215        249        201        238        217
SAMP DTE HOUR  STN  STN SAMP  PJ           TOTAL     TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH             COPPER      LEAD    CADMIUM       ZINC         MN     NICKEL     COBALT
               FEET      MTRS               MG/L      MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

02 01 78 0840                .3            0.040    0.030L     0.005L      0.020      0.089      0.190     0.020L
11 02 78 0900                .3            0.410    0.060L     0.010L      0.140      2.800      0.860     0.200
11 03 78 0815                .3            0.090    0.030L     0.005L      0.360      0.440      0.260     0.020L

                        MAXIMUM            0.410    0.060      0.010       0.360      2.800      0.860     0.200
              AVG OR GEOM MN (*)           0.180    0.040D     0.007D      0.173      1.110      0.437     0.080D
                        MINIMUM            0.040    0.030      0.005       0.020      0.089      0.190     0.020

                NO OF SAMPLES                  3         3          3          3          3          3          3


 B.O.W./ SITE: SPANISH RIVER
 SAMPLE POINT: AT BRIDGE SOUTH OF THE TOWN OF MASSEY                                               STATION ID:  14-0028-038-83
 STATION TYPE: RIVER
                                                          MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                         002
                                                          TERM STREAM: SPANISH RIVER                                      7950

STN NO:     38     LAT:                 LONG:              U T M: 17 0417750.0 5117450.0 4     REGION: 05           MILEAGE:   18.70

                                             934       901        80         81         84          1         33         34         19         20
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE        SCD       TOTAL      FECAL      M.F.      5-DAY      TOTAL   FILTERED   FILTERED      TOTAL
DY MO YR LMT   DIST BRG DEPTH                 NO              COLIFORM   COLIFORM     ENTER.       BOD          P   REACTIVE    AMMONIA   KJELDAHL
               FEET      MTRS                                 MF/100ML   MF/100ML   MF/100ML      MG/L       MG/L     P MG/L       MG/L       MG/L

20 01 78 1500                .3            22005
14 02 78 1400                .3            22039                                                 1.8      0.012      0.001L     0.108      0.420
30 03 78 1600                .3            22072                                                 0.2      0.001      0.001L     0.490      0.730
28 04 78 1600                .3            22132             1500.        80.       102.         0.8      0.023      0.003      0.110      0.480
27 05 78 1300                .3            22137                                                 0.2      0.027      0.005      0.430      0.840
27 06 78 2000                .3            22167                                                 0.8      0.024      0.001      0.100      0.740
25 07 78 2100                .3            22198                                                 1.2      0.015      0.001      0.036      0.430
26 08 78 1530                .3            22229                                                          0.030                            0.550
26 09 78 1600                .3            22261                                                          0.020      0.002      0.288      1.040
26 10 78 1830                .3            22292                                                          0.074
28 11 78 2000                .3            22323        6                                        3.0      0.015      0.002      0.070      0.520
26 12 78 1600                .3            22354        6                                        0.2      0.010      0.001      0.066      0.44
                                                                                                 2.4      0.014      0.002

                        MAXIMUM                              1500.        80.       102.         3.0      0.074      0.005      0.490      1.040
              AVG OR GEOM MN (*)                             1500.*       80.*      102.*        1.2      0.022      0.002D     0.189      0.619
                        MINIMUM                              1500.        80.       102.         0.2      0.001      0.001      0.036      0.420

                NO OF SAMPLES                                  1          1          1           9         12         10          9         10
```

(C O N T D)

```
 B.O.W./ SITE: SPANISH RIVER                                                        STATION ID:  14-0028-038-83
 SAMPLE POINT: AT BRIDGE SOUTH OF THE TOWN OF MASSEY
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                  MINOR BASIN: LAKE HURON                                     002
                                                  TERM STREAM: SPANISH RIVER                                  7950

STN NO:    38    LAT:             LONG:           U T M: 17 0417750.0 5117450.0 4    REGION: 05        MILEAGE:   18.70

                                          21        22        17        18        23         5         6       107        14        16
SAMP DTE HOUR  STN   STN SAMP  PJ   FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.
DY MO YR LMT   DIST  BRG DEPTH         NO2-N     NO3-N         N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN
               FEET        MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

20 01 78 1500                   .3     0.005     0.011     0.124     0.312     0.436      75.0       1.7        73       112      1.70
14 02 78 1400                   .3     0.004     2.190     2.684     0.240     2.924     112.0       1.8       110       170      1.70
30 03 78 1600                   .3     0.006     0.310     0.426     0.370     0.796      39.0      13.0        26        40      7.20
28 04 78 1600                   .3     0.012     0.315     0.757     0.410     1.167     105.0      12.0        93       143      5.20
27 05 78 1300                   .3     0.009     0.156     0.265     0.640     0.905      64.0       5.3        59        91      1.30
27 06 78 2000                   .3     0.008     0.085     0.129     0.394     0.523      70.0       3.7        66       102      1.50
25 07 78 2100                   .3                                                        93.0       4.8        88       136      2.00
26 08 78 1530                   .3     0.031     0.020     0.339     0.752     1.091     102.0       1.9       100       154      2.40
26 09 78 1600                   .3                                                       103.0      15.0        88       136
26 10 78 1830                   .3     0.005     0.215     0.290     0.450     0.740      69.0       2.0        67       103      1.60
28 11 78 2000                   .3     0.004     0.246     0.316     0.374     0.690       74.       2.2        12       110       1.9
26 12 78 1600                   .3                                                        77.0       2.0        75       116      2.40

                           MAXIMUM     0.031     2.190     2.684     0.752     2.924     112.0      15.0       110       170      7.20
                AVG OR GEOM MN (*)     0.009     0.394     0.592     0.438     1.030      81.9       5.5        71       118      2.63
                           MINIMUM     0.004     0.011     0.124     0.240     0.436      39.0       1.7        12        40      1.30

                     NO OF SAMPLES         9         9         9         9         9        12        12        12        12        11

                                          56        59       280        95        52        55       208        76        72        74
SAMP DTE HOUR  STN   STN.SAMP  PJ   CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL    CALCUL     TOTAL  TOT. MAG
DY MO YR LMT   DIST  BRG DEPTH          MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON  HARDNESS   CALCIUM    NESIUM
               FEET        MTRS                   MG/L   SI MG/L      MG/L      MG/L                MG/L      MG/L      MG/L      MG/L

20 01 78 1500                   .3       6.9
14 02 78 1400                   .3       3.4      55.0      1.45                                   0.170
30 03 78 1600                   .3       9.4      22.0      2.90                          6.85     0.680
28 04 78 1600                   .3       8.2      36.5      2.45                          7.11     0.500
27 05 78 1300                   .3       4.6      22.5      2.30                          7.56     0.270
27 06 78 2000                   .3       7.8      20.0      2.35                          6.71     0.280
25 07 78 2100                   .3      12.5      25.0      1.75       7.6        19      6.68     0.340      34.0     10.20      2.10
26 08 78 1530                   .3      14.5      28.0                 4.5        21      6.64     0.330      36.0     10.60      2.30
26 09 78 1600                   .3       8.2      30.0                                             0.560
26 10 78 1830                   .3       5.0      26.0      2.40                          6.78     0.260
28 11 78 2000                   .3       6.1      25.5      2.95                          7.05      0.27
26 12 78 1600                   .3       8.2      25.5      2.95                          6.90     0.290

                           MAXIMUM      14.5      55.0      2.95       7.6        21      7.56     0.680      36.0     10.60      2.30
                AVG OR GEOM MN (*)       7.9      28.7      2.39       6.0        20      6.92     0.359      35.0     10.40      2.20
                           MINIMUM       3.4      20.0      1.45       4.5        19      6.64     0.170      34.0     10.20      2.10

                     NO OF SAMPLES        12        11         9         2         2         9        11         2         2         2

                                          68        67        66        47        41       265       221       225       229       215
SAMP DTE HOUR  STN   STN SAMP  PJ     COLOUR   PTSSIUM    SODIUM   ORGANIC       COD     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST  BRG DEPTH         HAZEN         K        NA    C AS C             ARSENIC  CHROMIUM    COPPER      LEAD   CADMIUM
               FEET        MTRS        UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L




30 03 78 1600                   .3                                     6.7        37
28 04 78 1600                   .3                                     5.8        30
27 05 78 1300                   .3                                     5.6        22
27 06 78 2000                   .3                                     7.3        41
25 07 78 2100                   .3        70      1.00     12.00
26 08 78 1530                   .3        67      1.55     12.00
26 09 78 1600                   .3                                     7.4        40
26 10 78 1830                   .3                                     3.0        79     0.001    0.02 L      0.03    0.03 L    0.005L
28 11 78 2000                   .3                                     7.8        39
26 12 78 1600                   .3                                     7.8        64

                           MAXIMUM        70      1.55     12.00       7.8        79     0.001      0.02      0.03      0.03     0.005
                AVG OR GEOM MN (*)        69      1.28     12.00       6.4        44     0.001    0.02 D      0.03    0.03 D    0.005D
                           MINIMUM        67      1.00     12.00       3.0        22     0.001      0.02      0.03      0.03     0.005

                     NO OF SAMPLES         2         2         2         8         8         1         1         1         1         1

                                         249       201       238
SAMP DTE HOUR  STN   STN SAMP  PJ      TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST  BRG DEPTH          ZINC        MN    NICKEL
               FEET        MTRS         MG/L      MG/L      MG/L

25 07 78 2100                   .3               0.188
26 08 78 1530                   .3               0.096
26 10 78 1830                   .3    0.01 L                0.05

                           MAXIMUM      0.01     0.188      0.05
                AVG OR GEOM MN (*)    0.01 D     0.142      0.05
                           MINIMUM      0.01     0.096      0.05

                     NO OF SAMPLES         1         2         1
```

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  25 OCT 79  PAGE   437

 B.O.W./ SITE: JUNCTION CREEK WEST BRANCH                                                  STATION ID:  14-0028-040-02
 SAMPLE POINT: AT LASALLE BLVD SUDBURY
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                        002
                                                     TERM STREAM: SPANISH RIVER                                     7950

STN NO:     40    LAT:              LONG:            U T M: 17 0501570.0 5151860.0 4   REGION: 05           MILEAGE:   86.20

                                     934       901       80        81       805        3          1         33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     SCD     TOTAL     FECAL     WATER     DISS.     5-DAY     TOTAL   FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    TEMP.       O2        BOD         P   REACTIVE  AMMONIA
               FEET      MTRS                        MF/100ML  MF/100ML    DEG C     MG/L       MG/L      MG/L    P MG/L      MG/L

17 04 78 1600             .3        24670    3 6 8                          1.0       8.0        0.8     0.015     0.001     0.920
15 05 78 1950             .3        24716    3 6 9    10.  L     4.  L     12.0       8.0        0.2     0.008     0.001L    1.340
12 06 78 1530             .3        24756    6 8      20.  L     4.  L     15.0       7.0        0.2     0.011     0.001     3.850
10 07 78 2115             .3        24802    6 8      20.  L     4.        17.0       7.0        0.4     0.012     0.001L    3.500
20 08 78 2025             .3        24848    6 8      10.  L     4.  L     18.0       7.0        0.2     0.034     0.005     4.650
17 09 78 1950             .3        24893    6 8      20.  L     4.  L     12.0       7.0        0.2     0.011     0.002     1.660
16 10 78 1530             .3        24939    6 8      20.  L     4.  L      5.0       6.0        1.0     0.008     0.001     0.450
19 11 78 2125             .3        24985    6 8      20.  L     4.  L      1.0       7.0        0.2     0.029     0.001     0.199
17 12 78 0930             .3        25031    4 6 8                          0.0       8.0        0.2     0.005     0.001L    0.810

                    MAXIMUM                           20.        4.        18.0       8.0        1.0     0.034     0.005     4.650
         AVG OR GEOM MN (*)                           16.* D     4.* D      9.0       7.2        0.4     0.015     0.002D    1.931
                    MINIMUM                           10.        4.         0.0       6.0        0.2     0.005     0.001     0.199

               NO OF SAMPLES                           7         7          9         9          9         9         9         9

                                     20        21        22        17        18        23         5         6         7        14
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL   FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.     COND.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N     NO3-N           N   ORGNC  N              SOLIDS    SOLIDS    SOLIDS       25C
               FEET      MTRS         MG/L  MG/L      MG/L         MG/L      MG/L      MG/L       MG/L      MG/L      MG/L     UMHOS

17 04 78 1600             .3         1.090    0.014     1.440     2.374     0.170     2.544     382.0      20.0       362       580
15 05 78 1950             .3         1.530    0.021     2.060     3.421     0.190     3.611     612.0      11.0       601       860
12 06 78 1530             .3         3.950    0.032     4.350     8.232     0.100     8.332    1000.0      10.0       990      1370
10 07 78 2115             .3         3.750    0.011     3.840     7.351     0.250     7.601    1108.0       3.3      1105      1370
20 08 78 2025             .3         4.900    0.012     4.270     8.932     0.250     9.182    2288.0       4.8      2283      2200
17 09 78 1950             .3         1.980    0.004     2.100     3.764     0.320     4.084     919.0      13.0       906      1080
16 10 78 1530             .3         0.620    0.002     0.820     1.272     0.170     1.442     631.0      13.1       618       770
19 11 78 2125             .3         0.450    0.005     1.000     1.204     0.251     1.455     307.0      21.0       286       440
17 12 78 0930             .3         0.95     0.003     0.912     1.725     0.140     1.865     546.       10.        536       730

                    MAXIMUM          4.900    0.032     4.350     8.932     0.320     9.182    2288.0      21.0      2283      2200
         AVG OR GEOM MN (*)          2.136    0.012     2.310     4.253     0.205     4.457     865.9      11.8       854      1044
                    MINIMUM          0.450    0.002     0.820     1.204     0.100     1.442     307.0       3.3       286       440

               NO OF SAMPLES             9        9         9         9         9         9         9         9         9         9

                                     16        56        59       280        95        52        55       208        25        76
SAMP DTE HOUR  STN  STN SAMP  PJ    TURB.   CHLORIDE  SULPHATE  REACTIVE  ACIDITY   TOT ALK       PH     TOTAL   PHENOLS     CALCUL
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN     MG/L             SILICATE   PH 8.3    AT LAB    AT LAB      IRON             HARDNESS
               FEET      MTRS       UNITS                  MG/L  SI MG/L     MG/L      MG/L                MG/L      UG/L      MG/L

17 04 78 1600             .3         9.60     100.0     118.0      3.90       5.9         4      5.00     0.850               114.0
15 05 78 1950             .3         5.60     137.0     225.0      5.10      10.4         3      7.24     0.200       3.0     215.0
12 06 78 1530             .3         6.20     144.0     450.0      4.80       9.4         5      6.19                 1.0     418.0
10 07 78 2115             .3         2.70     168.0     473.0      4.50       7.0         4      6.46     4.000               436.0
20 08 78 2025             .3         1.80      95.0    1250.0     11.80     207.0         0      4.52     0.300       1.0L   1076.0
17 09 78 1950             .3         7.70      78.0     450.0      7.10      32.7         2      4.86     1.000       1.0L    399.0




16 10 78 1530             .3         9.90      50.0     330.0      7.70      35.4         2      4.69     0.410               286.0
19 11 78 2125             .3        14.00      52.0     120.0      5.20       4.4        10      6.62     0.640               129.0
17 12 78 0930             .3         7.8       79.      230.       6.70      12.1        27      6.85     0.44

                    MAXIMUM         14.00     168.0    1250.0     11.80     207.0        27      7.24     4.000       3.0    1076.0
         AVG OR GEOM MN (*)          7.26     100.3     405.1      6.31      36.0         6      5.83     0.980       1.5D    384.1
                    MINIMUM          1.80      50.0     118.0      3.90       4.4         0      4.52     0.200       1.0     114.0

               NO OF SAMPLES             9        9         9         9         9         9         9         8         4         8

                                     72        74        68        67        66        41       265       203       221       225
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL   TOT. MAG   COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH     CALCIUM    NESIUM     HAZEN         K        NA              ARSENIC  ALUMINUM  CHROMIUM    COPPER
               FEET      MTRS        MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

17 04 78 1600             .3        29.00     10.00        20      2.90     65.00        18
15 05 78 1950             .3        54.00     19.50        10      4.70     85.00        14
12 06 78 1530             .3        95.00     44.00        10      9.50    110.00        29     0.001L    1.200     0.020L    1.200
10 07 78 2115             .3       102.00     44.00        15     10.30    100.00        24     0.001     1.200     0.020L    1.200
20 08 78 2025             .3       200.00    140.00         2     25.00     87.00        22
17 09 78 1950             .3        83.00     46.50         5      5.30     54.00        10
16 10 78 1530             .3        65.00     30.00         8      4.45     34.00        14     0.001L    5.000     0.020L    2.000
19 11 78 2125             .3        31.00     12.50        14      2.46     31.00        57     0.001     1.8       0.02 L    0.52
17 12 78 0930             .3        61.                    13      4.5      40.          52

                    MAXIMUM        200.00    140.00        20     25.00    110.00        57     0.001     5.000     0.020     2.000
         AVG OR GEOM MN (*)         80.00     43.31        11      7.68     67.33        27     0.001D    2.300     0.020D    1.230
                    MINIMUM         29.00     10.00         2      2.46     31.00        10     0.001     1.200     0.020     0.52

               NO OF SAMPLES             9        8         9         9         9         9         4         4         4         4

                                    229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH        LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

17 04 78 1600             .3                                      0.330
15 05 78 1950             .3                                      0.580
12 06 78 1530             .3        0.030L    0.006     1.200     1.270    20.000     0.530
10 07 78 2115             .3        0.030L    0.005L    1.200     1.200    18.000     0.440
20 08 78 2025             .3                                      3.800
17 09 78 1950             .3                                      1.220
16 10 78 1530             .3        0.030L    0.005L    1.100     0.850    17.000     0.310
19 11 78 2125             .3        0.03 L    0.005L    0.36      0.380     3.5       0.10
17 12 78 0930             .3                                      0.90

                    MAXIMUM         0.030     0.006     1.200     3.800    20.000     0.530
         AVG OR GEOM MN (*)         0.030D    0.005D    0.965     1.170    14.625     0.345
                    MINIMUM         0.030     0.005     0.36      0.330     3.5       0.10

               NO OF SAMPLES             4        4         4         9         4         4
```

B.O.W./ SITE: COPPER CLIFF CREEK STATION ID: 14-0028-041-02
SAMPLE POINT: AT BALSAN STREET AND SMELTER ROAD COPPER CLIFF
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER
STORET CODE: 02
002
7950

STN NO: 41 LAT: LONG: U T M: 17 0495420.0 5146140.0 4 REGION: 05 MILEAGE: 82.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1025			.3		24533	6 8				0.0	9.0	50.0	0.001L	0.001L
13 02 78 1110			.3		24569	6 8	4. L	2. L	2. L	0.0	9.0	60.0	0.005	
18 03 78 1045			.3		24611	6 8				0.0	7.0	80.0G	0.007	0.001L
16 04 78 0925			.3		24646	3 6 8				2.0	6.0	5.5	0.025	0.001
14 05 78 0920			.3		24692	3 6 9				13.0	6.0	48.0	0.050	0.001
11 06 78 1030			.3		24732	6 9				16.0	6.0	70.0	0.030	0.001
10 07 78 0940			.3		24778	6 9				17.0	7.0	47.0	0.018	0.001
20 08 78 0900			.3		24824	6 9				19.0	3.0	1.2	0.090	0.002
17 09 78 0945			.3		24869	6 9				13.0	5.0	1.2	0.010	0.001
15 10 78 1050			.3		24915	6 9				7.0	6.0	0.8	0.017	0.002
19 11 78 0915			.3		24961	6 9				1.0	7.0	0.4	0.030	0.001
16 12 78 0835			.3		25007	6 9				1.0	7.0	1.0	0.015	0.002
MAXIMUM							4.	2.	2.	19.0	9.0	80.0	0.090	0.002
AVG OR GEOM MN (*)							4.* D	2.* D	2.* D	7.4	6.5	30.4U	0.025D	0.001D
MINIMUM							4.	2.	2.	0.0	3.0	0.4	0.001	0.001
NO OF SAMPLES							1	1	1	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78 1025			.3		47.400	54.000	0.058	0.252	47.710	6.600	54.310	2775.0	27.0	2748
13 02 78 1110			.3		49.000	70.000	0.044	0.133	49.177	21.000	70.177	2800.0	26.0	2774
18 03 78 1045			.3		51.000	75.000	0.310			24.000		2684.0	16.0	2668
16 04 78 0925			.3		35.400	49.500	0.255	0.005L	35.660	14.100	49.760	2127.0	34.0	2093
14 05 78 0920			.3		23.800	34.500	0.055	3.070	26.925	10.700	37.625	1815.0	121.0	1694
11 06 78 1030			.3		43.000	69.500	0.415	1.980	45.395	26.500	71.895	2554.0	30.0	2524
10 07 78 0940			.3		44.800	60.500	0.310			15.700		2834.0	22.0	2812
20 08 78 0900			.3		19.800	21.500	0.043	0.905	20.748	1.700	22.448	2626.0	143.0	2483
17 09 78 0945			.3		42.000	48.500	0.052	0.550	42.602	6.500	49.102	3061.0	84.0	2977
15 10 78 1050			.3		32.800	69.000	0.065	0.765	33.630	36.200	69.830	2500.0	35.0	2465
19 11 78 0915			.3		27.700	30.800	0.080	1.120	28.900	3.100	32.000	2283.0	41.0	2242
16 12 78 0835			.3		24.4	30.0	0.094	1.21	25.704	5.600	31.304	2547.	21.	2526
MAXIMUM					51.000	75.000	0.415	3.070	49.177	36.200	71.895	3061.0	143.0	2977
AVG OR GEOM MN (*)					36.758	51.067	0.148	0.999D	35.645	14.308	48.845	2550.5	50.0	2501
MINIMUM					19.800	21.500	0.043	0.005	20.748	1.700	22.448	1815.0	16.0	1694
NO OF SAMPLES					12	12	12	10	10	12	10	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 01 78 1025			.3		3220	45.00	200.0	1663.0	2.95	13.0	37	7.22	7.600	
13 02 78 1110			.3		3240	35.00	241.0	1639.0	2.85	14.6	43	7.41	7.200	
18 03 78 1045			.3		3210	27.00	215.0	1553.0	2.30	9.6	53	7.74	6.500	
16 04 78 0925			.3		2510	49.00	228.0	1150.0	2.30	16.3	28	6.87	11.500	
14 05 78 0920			.3		1980	75.00	127.0		4.65	62.8	4	5.20	36.000	4.0
11 06 78 1030			.3		2900	48.00	198.0	1476.0	3.40	20.0	12	6.35	8.800	2.0
10 07 78 0940			.3		3080	39.00	163.0	1683.0	4.00	25.4	13	6.53	9.300	
20 08 78 0900			.3		2450	140.00	76.0	1225.0	10.00	141.0	0	3.07	65.000	1.0
17 09 78 0945			.3		2950	2.50	92.0	1575.0	5.40	35.6	3	4.42	0.380	4.0
15 10 78 1050			.3		2650	43.00	80.0	1575.0	5.30	25.8	4	5.38	4.900	
19 11 78 0915			.3		2550	34.00	79.0	1390.0	5.50	27.0	3	6.67	13.000	
16 12 78 0835			.3		2550	54.	78.	1425.	4.95	19.7	4	5.65	10.	
MAXIMUM					3240	140.00	241.0	1683.0	10.00	141.0	53	7.74	65.000	4.0
AVG OR GEOM MN (*)					2774	49.29	148.1	1486.7	4.47	34.2	17	6.04	15.015	2.8
MINIMUM					1980	2.50	76.0	1150.0	2.30	9.6	0	3.07	0.380	1.0
NO OF SAMPLES					12	12	12	11	12	12	12	12	12	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
15 01 78 1025			.3		1080.0	350.00	50.00		47.00	275.00	89	0.002	1.600	0.020L
13 02 78 1110			.3		1213.0	390.00	58.00	70G	46.00	290.00	114	0.002	0.680	0.020L
18 03 78 1045			.3		1007.0	325.00	47.50	70G	24.00	310.00	140	0.001	0.730	0.020L
16 04 78 0925			.3		858.0	296.00	29.00	70G	35.00	230.00	110			
14 05 78 0920			.3		658.0	210.00	40.00	4	2.65	155.00	77	0.007	5.100	0.020L
11 06 78 1030			.3		1025.0	338.00	44.00	132	43.00	280.00	119	0.007	1.900	0.040L
10 07 78 0940			.3		1103.0	370.00	43.50	156	46.00	280.00	88	0.004	1.200	0.020L
20 08 78 0900			.3		937.0	260.00	70.00	200	28.00	160.00	33			
17 09 78 0945			.3		1159.0	370.00	57.00	87	41.00	340.00	58			
15 10 78 1050			.3		980.0	305.00	53.00	112	39.00	310.00	41	0.006	1.100	0.020L
19 11 78 0915			.3		992.0	290.00	65.00	106	33.00	160.00	51	0.004	2.2	0.02 L
16 12 78 0835			.3		1080.	312.	73.	145	34.5	164.	30	0.001	0.92	0.02 L
MAXIMUM					1213.0	390.00	73.	200	47.00	340.00	140	0.007	5.100	0.040
AVG OR GEOM MN (*)					1007.7	318.00	52.50	105U	34.93	246.17	79	0.004	1.714	0.022D
MINIMUM					658.0	210.00	29.00	4	2.65	155.00	30	0.001	0.680	0.020
NO OF SAMPLES					12	12	12	11	12	12	12	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1025			.3		0.120	0.030L	0.005L	0.020	0.770	1.900	0.080
13 02 78 1110			.3		0.140	0.030L	0.005L	0.010L	0.730	2.600	0.070
18 03 78 1045			.3		0.110	0.030L	0.005L	0.060	0.480	1.100	0.070
16 04 78 0925			.3						0.625		
14 05 78 0920			.3		1.300	0.030L	0.020L	0.010	0.920	4.100	0.120
11 06 78 1030			.3		0.440	0.030L	0.005L	0.040	0.470	2.400	0.100
10 07 78 0940			.3		0.340	0.030L	0.005L	0.040	0.570	2.200	0.080
20 08 78 0900			.3						2.400		
17 09 78 0945			.3						1.200		
15 10 78 1050			.3		0.440	0.030L	0.005L	0.180	1.800	18.000	0.250
19 11 78 0915			.3		0.31	0.03 L	0.005L	0.15	2.000	16.	0.33
16 12 78 0835			.3		0.10	0.03 L	0.005L	0.06	2.3	14.	0.33
MAXIMUM					1.300	0.030	0.020	0.180	2.400	18.000	0.33
AVG OR GEOM MN (*)					0.367	0.030D	0.007D	0.063D	1.189	6.922	0.159
MINIMUM					0.10	0.030	0.005	0.010	0.470	1.100	0.070
NO OF SAMPLES					9	9	9	9	12	9	9

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT ORELL STREET CARSON
STATION TYPE: RIVER

STATION ID: 14-0028-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 42 LAT: LONG: U T M: 17 0510260.0 5155420.0 4 REGION: 05 MILEAGE: 93.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
14 01 78 1150			.3		24526	6 8				0.0	9.0	2.4	0.007	
14 02 78 1130			.3		24582	6 8	4. L	2. L	2. L	0.0	9.0	5.0	0.009	
19 03 78 1030			.3		24625	6 8	4. L	2. L	2. L	0.0	6.0	6.0	0.013	0.001
17 04 78 1045			.3		24661	6 8				2.0	7.0	1.4	0.025	0.008
15 05 78 1640			.3		24709	6 8	10. L	4. L		13.0	7.0	0.6	0.015	0.002
12 06 78 1230			.3		24749	6 8	380.	4. L		16.0	7.0	0.8	0.014	0.001L
10 07 78 1800			.3		24795	6 8	160.	4. L		18.0	6.0	0.8	0.009	0.001L
20 08 78 1735			.3		24841	6 8	140.	100.		19.0	7.0	1.0	0.019	0.010
17 09 78 1730			.3		24886	6 8	12.	4. L		13.0	7.0	1.0	0.004	0.002
16 10 78 1235			.3		24932	6 8	20. L	4. L		6.0	8.0	0.5	0.015	0.001
19 11 78 1820			.3		24978	6 8	20. L	4. L		0.0	8.0	0.2	0.005	0.003
16 12 78 1745			.3		25024	6 8				0.0	9.0	0.2	0.010	0.001
MAXIMUM							380.	100.	2.	19.0	9.0	6.0	0.025	0.010
AVG OR GEOM MN (*)							27.* D	5.* D	2.* D	7.3	7.5	1.7	0.012	0.003D
MINIMUM							4.	2.	2.	0.0	6.0	0.2	0.004	0.001
NO OF SAMPLES							9	9	2	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
14 01 78 1150			.3		3.600	4.250	2.300	6.440	12.340	0.650	12.990	964.0	10.0	954
14 02 78 1130			.3		4.970	5.700	2.600	16.900	24.470	0.730	25.200	1119.0	1.7	1117
19 03 78 1030			.3		4.650	5.800	1.900	8.100	14.650	1.150	15.800	933.0	14.0	919
17 04 78 1045			.3		1.560	1.830	0.950	3.900	6.410	0.270	6.680	499.0	7.6	491
15 05 78 1640			.3		1.200	1.440	1.250	3.750	6.200	0.240	6.440	663.0	7.0	656
12 06 78 1230			.3		2.500	2.900	2.600	8.900	14.000	0.400	14.400	1041.0	2.1	1039
10 07 78 1800			.3		3.200	3.700	3.100	6.400	12.700	0.500	13.200	1269.0	1.1	1268
20 08 78 1735			.3		0.340	0.550	0.950	3.100	4.390	0.210	4.600	795.0	1.5	793
17 09 78 1730			.3		0.480	0.710	0.480	3.150	4.110	0.230	4.340	678.0	8.6	669
16 10 78 1235			.3		0.374	0.580	0.700	2.500	3.574	0.206	3.780	873.0	2.1	871
19 11 78 1820			.3		0.233	0.380	0.380	2.170	2.783	0.147	2.930	694.0	3.0	691
16 12 78 1745			.3		0.280	0.37	0.440	2.21	2.930	0.090	3.020	815.	2.	813
MAXIMUM					4.970	5.800	3.100	16.900	24.470	1.150	25.200	1269.0	14.0	1268
AVG OR GEOM MN (*)					1.949	2.351	1.471	5.627	9.046	0.402	9.448	861.9	5.1	857
MINIMUM					0.233	0.37	0.380	2.170	2.783	0.090	2.930	499.0	1.1	491
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
14 01 78 1150			.3		1275	2.80	75.0	480.0	4.40	0.0	25	10.12	0.080	
14 02 78 1130			.3		1475	2.20	126.0	550.0	2.85	0.0	29	9.80	0.050	
19 03 78 1030			.3		1330	3.70	90.0		3.85	0.0	64	11.14	0.150	
17 04 78 1045			.3		710	5.20	44.0	233.0	2.95	0.0	27	8.75	0.400	
15 05 78 1640			.3		900	2.00	57.0	333.0	3.15	0.0	31	8.56	0.130	3.0
12 06 78 1230			.3		1400	1.40	101.0	536.0	3.30	1.3	29	8.07	0.080	1.0
10 07 78 1800			.3		1600	0.85	110.0	675.0	2.40	0.0	27	8.97	0.040	
20 08 78 1735			.3		1090	0.80	78.0	395.0	3.70	1.3	43	7.82	0.040	
17 09 78 1730			.3		840	1.10	49.0	290.0	3.25	1.5	44	7.98	0.040	1.0L
16 10 78 1235			.3		1140	1.20	77.0	465.0	3.65	2.6	34	7.91	0.080	1.0L
19 11 78 1820			.3		980	1.30	75.0	345.0	3.65	2.3	40	7.65	0.130	
16 12 78 1745			.3		1100	1.1	82.	460.	3.5	0.	36	8.49	0.080	
MAXIMUM					1600	5.20	126.0	675.0	4.40	2.6	64	11.14	0.400	3.0
AVG OR GEOM MN (*)					1153	1.97	80.3	432.9	3.39	0.8	36	8.77	0.110	1.5D
MINIMUM					710	0.80	44.0	233.0	2.40	0.0	25	7.65	0.040	1.0
NO OF SAMPLES					12	12	12	11	12	12	12	12	12	4

(CONTD)

STATION ID: 14-0028-042-02

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT ORELL STREET CARSON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 42 LAT: LONG: U T M: 17 0510260.0 5155420.0 4 REGION: 05 MILEAGE: 93.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
14 01 78 1150			.3		397.0	150.00	5.50	5	37.50	86.00	25	0.001	0.080	0.020L
14 02 78 1130			.3		470.0	165.00	14.00	5	44.00	120.00	44	0.001	0.050L	0.020L
19 03 78 1030			.3					10	49.00	95.00	85	0.001	0.140	0.020L
17 04 78 1045			.3		222.0	78.00	6.50	15	20.00	45.00	16			
15 05 78 1640			.3		306.0	106.00	10.00	10	23.00	56.00	21	0.002	0.27	0.02 L
12 06 78 1230			.3		462.0	157.00	17.00	13	41.00	102.00	37	0.002	0.070	0.020L
10 07 78 1800			.3		565.0	190.00	22.00	18	47.00	105.00	26	0.001	0.050L	0.020L
20 08 78 1735			.3		191.0	101.00	12.00	7	28.00	78.00	32			
17 09 78 1730			.3		310.0	102.00	13.50	5	6.70	89.00	10L	0.001	0.130	0.020L
16 10 78 1235			.3				20.00	4	26.00	7.00	18	0.001	0.050L	0.020L
19 11 78 1820			.3		331.0	102.00	18.50	6	19.00	0.65	51	0.001	0.43	0.02 L
16 12 78 1745			.3		414.	144.	13.	10	24.	71.	52	0.001	0.05 L	0.02 L
MAXIMUM					565.0	190.00	22.00	18	49.00	120.00	85	0.002	0.43	0.020
AVG OR GEOM MN (*)					366.8	129.50	13.82	9	30.43	71.22	35D	0.001	0.132D	0.020D
MINIMUM					191.0	78.00	5.50	4	6.70	0.65	10	0.001	0.050	0.020
NO OF SAMPLES					10	10	11	12	12	12	12	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
14 01 78 1150			.3		0.040	0.030L	0.005L	0.010L	0.016	0.260	0.020L
14 02 78 1130			.3		0.020	0.030L	0.005L	0.010L	0.010	0.160	0.020L
19 03 78 1030			.3		0.010L	0.030L	0.005L	0.020	0.014	0.090	0.020L
17 04 78 1045			.3						0.056		
15 05 78 1640			.3		0.08	0.03 L	0.05 L	0.03	0.028	0.32	0.02 L
12 06 78 1230			.3		0.050	0.030L	0.005L	0.010L	0.021	0.150	0.020L
10 07 78 1800			.3		0.060	0.030L	0.005L	0.010L	0.017	0.100	0.020L
20 08 78 1735			.3						0.022		
17 09 78 1730			.3		0.020	0.030L	0.005L	0.020	0.022	0.420	0.020
16 10 78 1235			.3		0.060	0.030L	0.005L	0.010L	0.054	0.860	0.020L
19 11 78 1820			.3		0.05	0.03 L	0.005L	0.05	0.051	1.0	0.02 L
16 12 78 1745			.3		0.02	0.03 L	0.005L	0.01 L	0.045	0.42	0.02 L
MAXIMUM					0.08	0.030	0.05	0.05	0.056	1.0	0.020
AVG OR GEOM MN (*)					0.041D	0.030D	0.010D	0.018D	0.030	0.378	0.020D
MINIMUM					0.010	0.030	0.005	0.010	0.010	0.090	0.020
NO OF SAMPLES					10	10	10	10	12	10	10

STATION ID: 14-0028-043-02

B.O.W./ SITE: NOLIN CREEK
SAMPLE POINT: AT HIGHWAY NO 144
STATION TYPE: RIVER FLOW GAUGE FED 02CF009

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 43 LAT: LONG: U T M: 17 0498240.0 5148520.0 4 REGION: 05 MILEAGE: 86.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
15 01 78 1100			.3		24534	4 6 8	1.70				0.0	10.0	0.6	0.001L
13 02 78 1145			.3		24570	4 6 8	1.10	4. L	2. L	2. L	0.0	8.0	16.0	0.005
18 03 78 1110			.3		24612	6 8	2.10				0.0	7.0	12.0	0.010
16 04 78 1020			.3		24648	3 6 8	69.60				2.0	7.0	1.4	0.044
14 05 78 1015			.3		24694	3 6 9	69.20				13.0	6.0	0.5	0.250
11 06 78 1115			.3		24734	6 9	1.80				16.0	6.0	0.2	0.002
10 07 78 1025			.3		24780	6 8	2.40	160.	72.		17.0	6.0	0.2	0.004
20 08 78 0950			.3		24826	6 8	1.80				19.0	5.0	0.2	0.006
17 09 78 1015			.3		24871	6 8	4.80				13.0	6.0	0.2	0.016
15 10 78 1140			.3		24917	6 8	6.10	60.	12.		7.0	6.0	0.2	0.002
19 11 78 1015			.3		24963	6 8	13.20				2.0	7.0	0.4	0.004
16 12 78 0925			.3		25009	6 8	2.50				1.0	7.0	0.2	0.001L
MAXIMUM							69.60	160.	72.	2.	19.0	10.0	16.0	0.250
AVG OR GEOM MN (*)							14.69	34.* D	12.* D	2.* D	7.5	6.8	2.7	0.029D
MINIMUM							1.10	4.	2.	2.	0.0	5.0	0.2	0.001
NO OF SAMPLES							12	3	3	1	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
15 01 78 1100			.3		0.001L	17.200	20.000	0.018	0.067	17.285	2.800	20.085	2468.0	72.0
13 02 78 1145			.3			26.000	32.000	0.029	0.071	26.100	6.000	32.100	2637.0	19.0
18 03 78 1110			.3		0.001	18.600	25.000	0.059	0.011	18.670	6.400	25.070	2962.0	38.0
16 04 78 1020			.3		0.001L	1.900	2.620	0.012	1.640	3.552	0.720	4.272	741.0	95.0
14 05 78 1015			.3		0.003	1.360	2.400	0.008	1.870	3.238	1.040	4.278	1036.0	476.0
11 06 78 1115			.3		0.001L	11.600	13.700	0.006	0.180	11.786	2.100	13.886	1868.0	1.8
10 07 78 1025			.3		0.001	7.550	14.200	0.003	0.055	7.608	6.650	14.258	1805.0	4.6
20 08 78 0950			.3		0.001	11.000	9.600	0.010	0.225	11.235	1.400	9.835	1944.0	5.0
17 09 78 1015			.3		0.003	7.000	7.300	0.005	0.795	7.800	0.300	8.100	1725.0	73.0
15 10 78 1140			.3		0.001	6.470	7.050	0.007	1.240	7.717	0.580	8.297	1508.0	9.6
19 11 78 1015			.3		0.001	5.960	5.960	0.011	1.940	7.911	0.000	7.911	1903.0	27.0
16 12 78 0925			.3		0.001L	13.8	14.2	0.017	0.708	14.525	0.400	14.925	2323.	29.
MAXIMUM					0.003	26.000	32.000	0.059	1.940	26.100	6.650	32.100	2962.0	476.0
AVG OR GEOM MN (*)					0.001D	10.703	12.836	0.015	0.734	11.452	2.366	13.585	1910.0	70.8
MINIMUM					0.001	1.360	2.400	0.003	0.011	3.238	0.000	4.272	741.0	1.8
NO OF SAMPLES					11	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
15 01 78 1100			.3		2396	2580	34.00	93.0	1470.0	1.25	0.0	43	9.53	4.700
13 02 78 1145			.3		2618	2780	17.00	134.0	1590.0	1.90	0.0	51	9.36	2.400
18 03 78 1110			.3		2924	3800	26.00	158.0	1500.0	1.60	0.0	401	11.90	1.900
16 04 78 1020			.3		646	830	35.00	48.0	355.0	4.30	53.4	1	4.65	11.000
14 05 78 1015			.3		560	860	240.00	39.5	375.0	6.30	121.3	0	3.77	38.000
11 06 78 1115			.3		1866	2050	0.80	82.0	1143.0	2.00	0.0	46	1.00	0.280
10 07 78 1025			.3		1800	2070	0.65	78.0	1075.0	2.50	0.0	93	11.00	0.080
20 08 78 0950			.3		1939	2100	2.10	93.0	1063.0	4.05	0.0	76	10.92	0.180
17 09 78 1015			.3		1652	1790	5.00	53.0	975.0	2.00	0.0	48	10.40	3.000
15 10 78 1140			.3		1498	1650	3.00	44.0	932.0	1.60	0.0	37	9.91	0.760
19 11 78 1015			.3		1876	3400	12.00	61.5	997.0	1.30	0.0	555	11.50	0.670
18 12 78 0925			.3		2294	2350	13.	68.	1200.	2.0	0.	76	11.08	1.3
MAXIMUM					2924	3800	240.00	158.0	1590.0	6.30	121.3	555	11.90	38.000
AVG OR GEOM MN (*)					1839	2188	32.38	78.5	1056.3	2.57	14.6.	119	8.75	5.356
MINIMUM					560	830	0.65	39.5	355.0	1.25	0.0	0	1.00	0.080
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
15 01 78 1100			.3			1197.0	430.00	30.00	50	18.50	145.00	28	0.003	2.800
13 02 78 1145			.3			1456.0	500.00	50.50	30	34.00	180.00	68	0.001L	0.440
18 03 78 1110			.3			1726.0	688.00	2.00	20	49.00	170.00	102	0.001L	0.400
16 04 78 1020			.3			306.0	99.00	14.50	70G	4.50	40.00	26		
14 05 78 1015			.3		2.0	269.0	78.00	18.50	4	3.50	31.00	25	0.006	32.000
11 06 78 1115			.3		1.0L	1020.0	393.00	9.50	11	21.00	108.00	24	0.001	0.420
10 07 78 1025			.3			942.0	375.00	1.45	14	18.00	95.00	24	0.001	0.200
20 08 78 0950			.3		1.0L	960.0	380.00	2.75	7	20.00	120.00	30		
17 09 78 1015			.3		1.0L	912.0	360.00	3.10	7	5.80	80.00	27	0.001	0.610
15 10 78 1140			.3			738.0	275.00	12.50	3	14.00	7.00	16	0.001L	0.270
19 11 78 1015			.3			955.0	380.00		12	10.00	64.00	44	0.001L	1.1
18 12 78 0925			.3			1097.	436.	2.0	13	23.5	82.	56	0.001L	0.12
MAXIMUM					2.0	1726.0	688.00	50.50	70	49.00	180.00	102	0.006	32.000
AVG OR GEOM MN (*)					1.30	964.8	366.17	13.35	20U	18.48	93.50	39	0.002D	3.836
MINIMUM					1.0	269.0	78.00	1.45	3	3.50	7.00	16	0.001	0.12
NO OF SAMPLES					4	12	12	11	12	12	12	12	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78 1100			.3		0.040L	0.680	0.030L	0.005L	0.040	0.200	3.100	0.080
13 02 78 1145			.3		0.020L	0.450	0.030L	0.005L	0.010	0.230	1.800	0.020L
18 03 78 1110			.3		0.040L	0.140	0.030L	0.005L	0.010L	0.090	0.380	0.020L
16 04 78 1020			.3							0.480		
14 05 78 1015			.3		0.060	5.900	0.030L	0.060	0.260	1.200	14.000	0.420
11 06 78 1115			.3		0.020L	0.090	0.030L	0.005L	0.010	0.010	0.150	0.020L
10 07 78 1025			.3		0.020L	0.040	0.030L	0.005L	0.040	0.004	0.020L	0.020L
20 08 78 0950			.3							0.010		
17 09 78 1015			.3		0.020L	0.100	0.030L	0.005L	0.020	0.019	0.260	0.020
15 10 78 1140			.3		0.020L	0.210	0.030L	0.005L	0.010L	0.022	0.330	0.020L
19 11 78 1015			.3		0.02 L	0.20	0.03 L	0.005L	0.04	0.047	0.65	0.02
18 12 78 0925			.3		0.02 L	0.08	0.03 L	0.005L	0.01 L	0.066	0.53	0.02 L
MAXIMUM					0.060	5.900	0.030	0.060	0.260	1.200	14.000	0.420
AVG OR GEOM MN (*)					0.028D	0.789	0.030D	0.011D	0.045D	0.198	2.122D	0.066D
MINIMUM					0.020	0.040	0.030	0.005	0.010	0.004	0.020	0.020
NO OF SAMPLES					10	10	10	10	10	12	10	10

B.O.W./ SITE: FINLAND CREEK
SAMPLE POINT: AT POWER STREET COPPER CLIFF
STATION TYPE: RIVER

STATION ID: 14-0028-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 44 LAT: LONG: U T M: 17 0494400.0 5145980.0 4 REGION: 05 MILEAGE: 83.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 01 78 1000			.3		24532	6 8				0.0	9.0	15.0	0.009	
13 02 78 1045			.3		24568	6 8	4.	2. L	2. L	0.0	8.0	60.0	0.015	
18 03 78 1010			.3		24610	6 8				0.0	8.0	80.0G	0.010	0.001
16 04 78 0900			.3		24645	3 6 8				1.0	6.0	6.5	0.024	0.001
14 05 78 0900			.3		24691	3 6 9				12.0	7.0	73.0	0.065	0.002
11 06 78 1010			.3		24731	6 8 9				15.0	6.0	80.0	0.018	0.001L
10 07 78 0915			.3		24777	6 8 9				17.0	7.0	52.0	0.060	0.001L
20 08 78 0840			.3		24823	6 8				18.0	6.0	4.5	0.017	0.001
17 09 78 0925			.3		24868	6 8				13.0	7.0	1.8	0.025	0.002
15 10 78 1020			.3		24914	6 8				7.0	7.0	0.6	0.019	0.002
19 11 78 0850			.3		24960	6 8				1.0	8.0	2.0	0.020	0.004
18 12 78 0810			.3		25006	6 8 9				1.0	8.0	1.6	0.015	0.002
MAXIMUM							4.	2.	2.	18.0	9.0	80.0	0.065	0.004
AVG OR GEOM MN (*)							4.*	2.* D	2.* D	7.1	7.3	31.4U	0.025	0.002D
MINIMUM							4.	2.	2.	0.0	6.0	0.6	0.009	0.001
NO OF SAMPLES							1	1	1	12	12	12	12	10

(C O N T D)

B.O.W./ SITE: FINLAND CREEK
SAMPLE POINT: AT POWER STREET COPPER CLIFF
STATION TYPE: RIVER

STATION ID: 14-0028-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 44 LAT: LONG: U T M: 17 0494400.0 5145980.0 4 REGION: 05 MILEAGE: 83.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
15 01 78	1000			.3		49.700	54.000	0.058	0.277	50.035	4.300	54.335	2835.0	23.0	2812
13 02 78	1045			.3		50.000	69.000	0.040	0.160	50.200	19.000	69.200	2812.0	14.0	2798
18 03 78	1010			.3		54.000	81.000	0.320			27.000		2720.0	12.0	2708
16 04 78	0900			.3			65.500	0.385	0.005L			65.890	2564.0	25.0	2539
14 05 78	0900			.3		31.600	49.500	0.305	2.440	34.345	17.900	52.245	2095.0	86.0	2009
11 06 78	1010			.3		42.000	71.000	0.415	1.630	44.045	29.000	73.045	2540.0	24.0	2516
10 07 78	0915			.3		60.000	81.000	0.305			21.000		2904.0	71.0	2833
20 08 78	0840			.3		28.800	31.200	0.120	1.930	30.850	2.400	33.250	4007.0	37.0	3970
17 09 78	0925			.3		45.000	53.500	0.060	0.535	45.595	8.500	54.095	3106.0	20.0	3086
15 10 78	1020			.3		37.800	45.500	0.077	0.840	38.717	7.700	46.417	2725.0	73.0	2652
19 11 78	0850			.3		31.500	39.000	0.091	1.160	32.751	7.500	40.251	2392.0	27.0	2365
16 12 78	0810			.3		25.2	31.3	0.100	1.25	26.550	6.100	32.650	2420.	12.	2408
MAXIMUM						60.000	81.000	0.415	2.440	50.200	29.000	73.045	4007.0	86.0	3970
AVG OR GEOM MN (*)						41.418	55.958	0.190	1.023D	39.232	13.673	52.138	2760.0	35.3	2725
MINIMUM						25.2	31.200	0.040	0.005	26.550	2.400	32.650	2095.0	12.0	2009
NO OF SAMPLES						11	12	12	10	9	11	10	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 01 78	1000			.3		3300	22.00	200.0	1639.0	2.95	8.6	47	7.60	3.400	
13 02 78	1045			.3		3300	16.00	200.0	1615.0	2.80	3.0	54	7.59	2.900	
18 03 78	1010			.3		3240	8.50	245.0	1500.0	2.30	4.2	59	8.11	3.400	
16 04 78	0900			.3		3030	9.00	254.0	1400.0	1.75	4.2	57	8.14	2.400	
14 05 78	0900			.3		2540	47.00	240.0	1163.0	3.65	18.0	20	7.12	9.200	4.0
11 06 78	1010			.3		2950	40.00	241.0	1476.0	3.10	15.8	24	6.82	6.600	2.0
10 07 78	0915			.3		3130	43.00	170.0	1659.0	3.85	27.6	21	6.45	10.000	
20 08 78	0840			.3		3950	43.00	110.0	2350.0	11.80	128.0	0	4.08	47.500	1.0
17 09 78	0925			.3		3060	2.70	98.0	1675.0	4.90	21.9	5	5.39	7.100	4.0
15 10 78	1020			.3		2850	31.00	87.0	1675.0	4.90	15.8	9	6.15	4.500	
19 11 78	0850			.3		2750	20.00	82.0	1470.0	4.60	9.8	12	7.76	4.200	
16 12 78	0810			.3		2550	25.	86.	1450.	4.75	13.7	11	6.69	3.8	
MAXIMUM						3950	47.00	254.0	2350.0	11.80	128.0	59	8.14	47.500	4.0
AVG OR GEOM MN (*)						3054	25.60	167.8	1589.3	4.28	22.6	27	6.83	8.750	2.8
MINIMUM						2540	2.70	82.0	1163.0	1.75	3.0	0	4.08	2.400	1.0
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
15 01 78	1000			.3		1186.0	370.00	49.00	70G	47.00	280.00	89	0.001	0.830	0.040L
13 02 78	1045			.3		1130.0	370.00	50.00	40	45.00	300.00	119	0.001	0.560	0.020L
18 03 78	1010			.3		1047.0	345.00	45.00	30	48.00	300.00	142	0.002	0.640	0.020L
16 04 78	0900			.3		1050.0	352.00	42.00	45	43.50	295.00	140			
14 05 78	0900			.3		839.0	270.00	40.00	60	3.35	220.00	109	0.003	3.500	0.020L
11 06 78	1010			.3		1081.0	362.00	43.00	104	43.00	280.00	132	0.004	1.800	0.040L
10 07 78	0915			.3		1132.0	380.00	44.50	130	45.00	270.00	98	0.006	1.500	0.020L
20 08 78	0840			.3		1419.0	420.00	90.00	193	56.00	470.00	39			
17 09 78	0925			.3		1182.0	390.00	50.50	84	41.00	400.00	48	0.003	1.400	0.020L
15 10 78	1020			.3		1146.0	360.00	60.00	62	38.00	210.00	39	0.003	0.560	0.020L
19 11 78	0850			.3		1087.0	320.00	70.00	47	35.00	200.00	64	0.003	1.3	0.02 L
16 12 78	0810			.3		1120.	330.	73.	76	34.5	164.	35	0.001	0.47	0.02 L
MAXIMUM						1419.0	420.00	90.00	193	56.00	470.00	142	0.006	3.500	0.040
AVG OR GEOM MN (*)						1118.3	355.75	54.75	78U	39.95	282.42	88	0.003	1.256	0.024D
MINIMUM						839.0	270.00	40.00	30	3.35	164.	35	0.001	0.47	0.020
NO OF SAMPLES						12	12	12	12	12	12	12	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 01 78	1000			.3		0.100	0.030L	0.005L	0.010	0.680	2.500	0.120
13 02 78	1045			.3		0.150	0.030L	0.005L	0.010L	0.640	2.500	0.090
18 03 78	1010			.3		0.050	0.030L	0.005L	0.010L	0.440	0.940	0.060
16 04 78	0900			.3						0.325		
14 05 78	0900			.3		0.560	0.030L	0.020L	0.020	0.640	4.200	0.200
11 06 78	1010			.3		0.200	0.030L	0.005L	0.030	0.410	1.600	0.060
10 07 78	0915			.3		0.190	0.030L	0.005L	0.040	0.540	2.000	0.070
20 08 78	0840			.3						2.550		
17 09 78	0925			.3		0.080	0.030L	0.005L	0.060	1.100	4.000	0.130
15 10 78	1020			.3		0.060	0.030L	0.005L	0.100	1.400	15.000	0.190
19 11 78	0850			.3		0.08	0.03 L	0.005L	0.09	1.900	15.	0.26
16 12 78	0810			.3		0.04	0.03 L	0.005L	0.05	2.2	14.	0.31
MAXIMUM						0.560	0.030	0.020	0.100	2.550	15.000	0.31
AVG OR GEOM MN (*)						0.151	0.030D	0.007D	0.042D	1.069	6.174	0.149
MINIMUM						0.04	0.030	0.005	0.010	0.325	0.940	0.060
NO OF SAMPLES						10	10	10	10	12	10	10

```
 B.O.W./ SITE: SPANISH RIVER                                                                    STATION ID:  14-0028-045-02
 SAMPLE POINT: UPSTREAM FROM E B EDDY PAPER MILL ESPANOLA
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                          002
                                                        TERM STREAM: SPANISH RIVER                                       7950

STN NO:     45     LAT:              LONG:              U T M: 17 0440725.D 5124250.0 4    REGION: 05         MILEAGE:   31.40

                                         934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCO     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO           COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

02 01 78 1515              .3        24510   4 6 8      4.  L     2.  L     2.          0.0      13.0       0.2     0.011    0.001L
11 02 78 1440              .3        24552   4 6 8      4.  L     4.  L     4.  L       0.0      13.0       0.2     0.001    0.001
11 03 78 1500              .3        24594   4 6 8                                      0.0      12.0       0.2     0.006    0.001L
15 04 78 1430              .3        24640   3 6 8                                      1.0      11.0       0.8     0.008    0.002
12 05 78 1435              .3        24684   3 6 8                                     12.0      11.0       0.4     0.010    0.001
10 06 78 1220              .3        24726   6 8                                       14.0      11.0       0.2     0.003    0.002
09 07 78 1410              .3        24772   6 8                                       12.0      17.0       0.6     0.010    0.001L
06 08 78 1400              .3        24818   6 8                                       19.0      12.0       0.8     0.003    0.001
08 09 78 1430              .3        24863   6 8                                       14.0      12.0       0.2     0.006    0.001
06 10 78 1330              .3        24909   3 6 8                                      8.0      12.0       0.2     0.008    0.003
04 11 78 1400              .3        24955   6 8                                        2.0      11.0       0.2     0.026    0.026
08 12 78 1410              .3        25001   6 8                                        0.0      13.0       0.2     0.004    0.001

                      MAXIMUM                          4.        4.        4.          19.0      17.0       0.8     0.026    0.026
          AVG OR GEOM MN (*)                           4.* D     3.* D     3.* D        6.8      12.3       0.4     0.008    0.003D
                      MINIMUM                          4.        2.        2.           0.0      11.0       0.2     0.001    0.001

                NO OF SAMPLES                            2         2         2           12        12        12        12        12

                                          19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

02 01 78 1515              .3          0.012     0.260     0.002     0.073     0.087     0.248     0.335      32.0       0.5        31
11 02 78 1440              .3          0.022     0.250     0.002     0.078     0.102     0.228     0.330      33.0       0.8        32
11 03 78 1500              .3          0.010     0.280     0.001     0.109     0.120     0.270     0.390      34.0       0.5        33
15 04 78 1430              .3          0.024     0.300     0.003     0.150     0.177     0.276     0.453      41.0       2.6        38
12 05 78 1435              .3          0.026     0.300     0.003     0.160     0.189     0.274     0.463      35.0       5.6        29
10 06 78 1220              .3          0.024     0.260     0.003     0.065     0.092     0.236     0.328      30.0       1.0        29
09 07 78 1410              .3          0.026     0.270     0.003     0.070     0.099     0.244     0.343      33.0       2.5        31
06 08 78 1400              .3          0.024     0.270     0.010     0.060     0.094     0.246     0.340      35.0       1.3        34
08 09 78 1430              .3          0.032     0.140     0.002     0.080     0.114     0.108     0.222      44.0       7.8        35
06 10 78 1330              .3          0.018     0.250     0.003     0.110     0.131     0.232     0.363      32.0       1.2        31
04 11 78 1400              .3          0.009     0.280     0.003     0.092     0.104     0.271     0.375      30.0       0.9        29
08 12 78 1410              .3          0.030     0.280     0.002     0.098     0.130     0.250     0.380      33.0       1.2        32

                      MAXIMUM          0.032     0.300     0.010     0.160     0.189     0.276     0.463      44.0       7.8        38
          AVG OR GEOM MN (*)           0,021     0.262     0.003     0.095     0.120     0.240     0.360      34.3       2.2        32
                      MINIMUM          0.009     0.140     0.001     0.060     0.087     0.108     0.222      30.0       0.5        29

                NO OF SAMPLES             12        12        12        12        12        12        12        12        12        12

                                          14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH            25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS          UMHOS     UNITS                MG/L  SI MG/L       MG/L      MG/L                MG/L      UG/L



02 01 78 1515              .3             48      0.85       1.0      10.0      2.30       1.9         9      6.90     0.180      1.0L
11 02 78 1440              .3             49      1.10       0.8      10.5      2.20       3.7        10      6.69     0.160
11 03 78 1500              .3             51      1.40       0.8      10.0      1.90       3.3        12      6.52     0.300
15 04 78 1430              .3             58      1.10       1.4      11.5      2.20       2.8        13      7.04     0.400
12 05 78 1435              .3             44      2.4        0.9      10.5      2.55       2.2         9      6.42     0.370      3.0
10 06 78 1220              .3             45      0.70       1.0      10.0      2.45       2.3         9      7.38     0.150      1.0L
09 07 78 1410              .3             48      0.85       1.2      11.0      2.35       3.0        11      7.15     0.130
06 08 78 1400              .3             52      0.60       1.1      10.5      2.40       1.7        14      6.95     0.050
08 09 78 1430              .3             54      0.60       1.2      10.5      2.30       0.7        12      6.98     0.110      1.0
06 10 78 1330              .3             47      1.50       1.0      10.0      2.60       1.9        13      6.68     0.250
04 11 78 1400              .3             45      0.70       0.9      10.5      2.35       2.1        10      6.56     0.220
08 12 78 1410              .3             48      1.20       0.9      11.5      2.60       1.7        13      6.75     0.190

                      MAXIMUM             58      2.4        1.4      11.5      2.60       3.7        14      7.38     0.400      3.0
          AVG OR GEOM MN (*)              49      1.08       1.0      10.5      2.35       2.3        11      6.84     0.209      1.5D
                      MINIMUM             44      0.60       0.8      10.0      1.90       0.7         9      6.42     0.050      1.0

                NO OF SAMPLES             12        12        12        12        12        12        12        12        12         4

                                          76        72        74        68        67        66        41       265       203       221
SAMP DTE HOUR  STN  STN SAMP  PJ      CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH       HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA             ARSENIC  ALUMINUM  CHROMIUM
               FEET      MTRS           MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 01 78 1515              .3           19.0      5.00      1.50        40      0.45      1.30        28    0.001L     0.200    0.020L
11 02 78 1440              .3           20.0      5.60      1.45        30      0.45      1.30        27    0.001L     0.080    0.020L
11 03 78 1500              .3           20.0      5.60      1.50        30      0.45      2.20        14    0.001L     0.180    0.020L
15 04 78 1430              .3           22.0      6.00      1.65        35      0.55      1.80        26
12 05 78 1435              .3           17.0      4.80      1.25        25      0.45      1.30        21
10 06 78 1220              .3           15.0      4.60      0.80        42      0.40      1.30        38
09 07 78 1410              .3           17.0      4.60      1.30        45      0.55      2.10       10L
06 08 78 1400              .3           19.0      5.40      1.35        30      0.50      1.80        28
08 09 78 1430              .3           20.0      5.60      1.50        22      0.45      1.60        31
06 10 78 1330              .3           18.0      5.00      1.40        38      0.40      1.70        27
04 11 78 1400              .3           17.0      4.60      1.25        51      0.40      1.40        18
08 12 78 1410              .3           19.0      5.20      1.35        42      0.40      1.20       10L

                      MAXIMUM           22.0      6.00      1.65        51      0.55      2.20        38     0.001     0.200     0.020
          AVG OR GEOM MN (*)            18.6      5.17      1.36        36      0.45      1.58       23D    0.001D     0.153    0.020D
                      MINIMUM           15.0      4.60      0.80        22      0.40      1.20        10     0.001     0.080     0.020

                NO OF SAMPLES             12        12        12        12        12        12        12         3         3         3
```

(C O N T D)

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: UPSTREAM FROM E B EDDY PAPER MILL ESPANOLA
STATION TYPE: RIVER

STATION ID: 14-0028-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 45 LAT: LONG: U T M: 17 0440725.0 5124250.0 4 REGION: 05 MILEAGE: 31.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
02 01 78 1515			.3		0.040	0.030L	0.005L	0.010L	0.020	0.020L	0.020L
11 02 78 1440			.3		0.060	0.030L	0.005L	0.010L	0.012	0.020L	0.020L
11 03 78 1500			.3		0.030	0.030L	0.005L	0.010L	0.016	0.020L	0.020L
15 04 78 1430			.3						0.045		
12 05 78 1435			.3						0.062		
10 06 78 1220			.3						0.020		
09 07 78 1410			.3						0.018		
06 08 78 1400			.3						0.140		
08 09 78 1430			.3						0.016		
06 10 78 1330			.3						0.051		
04 11 78 1400			.3						0.020		
08 12 78 1410			.3						0.017		
MAXIMUM					0.060	0.030	0.005	0.010	0.140	0.020	0.020
AVG OR GEOM MN (*)					0.043	0.030D	0.005D	0.010D	0.036	0.020D	0.020D
MINIMUM					0.030	0.030	0.005	0.010	0.012	0.020	0.020
NO OF SAMPLES					3	3	3	3	12	3	3

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM OF SIMON LAKE AT RESERVE ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 46 LAT: LONG: U T M: 17 0486200.0 5138575.0 4 REGION: 05 MILEAGE: 70.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
15 04 78 0755			.3		24629	3 6 8			1.0	9.0	4.8	0.069	0.002	8.420
12 05 78 0830			.3		24672	3 6 8			12.0	8.0	7.5	0.098	0.075	11.000
10 06 78 0855			.3		24720	6 8			15.0	8.0	15.0	0.126	0.001	4.450
09 07 78 0800			.3		24760	6 8	80.	56.	18.0	8.0	7.0	0.096	0.007	4.500
06 08 78 0830			.3		24806	6 8			19.0	9.0	6.6	0.080	0.008	8.500
08 09 78 0840			.3		24852	6 8			14.0	8.0	0.2	0.012	0.003	0.054
06 10 78 0800			.3		24897	6 8			7.0	9.0	7.6	0.060	0.011	5.300
04 11 78 0730			.3		24943	6 8			3.0	8.0	4.2	0.060	0.010	7.310
08 12 78 0800			.3		24989	6 8			0.0	9.0	6.5	0.110	0.037	7.660
MAXIMUM							80.	56.	19.0	9.0	15.0	0.126	0.075	11.000
AVG OR GEOM MN (*)							80.*	56.*	9.9	8.4	6.6	0.079	0.017	6.355
MINIMUM							80.	56.	0.0	8.0	0.2	0.012	0.001	0.054
NO OF SAMPLES							1	1	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
15 04 78 0755			.3		9.900	0.097	1.320	9.837	1.480	11.317	696.0	32.0	664	
12 05 78 0830			.3		14.700	0.087	0.930	12.017	3.700	15.717	798.0	7.1	791	
10 06 78 0855			.3		7.600	1.630	1.570	7.650	3.150	10.800	794.0	15.0	779	
09 07 78 0800			.3		7.450	0.430	2.470	7.400	2.950	10.350	1030.0	7.6	1022	
06 08 78 0830			.3		15.000	0.440	1.960	10.900	6.500	17.400	1190.0	8.8	1181	
08 09 78 0840			.3		0.340	0.003	0.040	0.097	0.286	0.383	90.0	2.5		88
06 10 78 0800			.3		7.600	0.082	1.670	7.052	2.300	9.352	818.0	6.8	811	
04 11 78 0730			.3		8.210	0.084	1.620	9.014	0.900	9.914	809.0	5.0	804	
08 12 78 0800			.3		9.990	0.041	1.460	9.161	2.330	11.491	822.0	4.5	817	
MAXIMUM					15.000	1.630	2.470	12.017	6.500	17.400	1190.0	32.0	1181	88
AVG OR GEOM MN (*)					8.977	0.322	1.449	8.125	2.622	10.747	783.0	9.9	859	88
MINIMUM					0.340	0.003	0.040	0.097	0.286	0.383	90.0	2.5	664	88
NO OF SAMPLES					9	9	9	9	9	9	9	9	8	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 04 78 0755			.3		970	6.70	77.0							2.0
12 05 78 0830			.3		1100	4.20	70.0							
10 06 78 0855			.3		1090	5.30	68.0							
09 07 78 0800			.3		1310	3.80	83.0							
06 08 78 0830			.3		1470	2.50	90.0							
08 09 78 0840			.3		135	0.70	6.2							
06 10 78 0800			.3		1020	1.30	59.0							
04 11 78 0730			.3		1070	4.50	57.0							
08 12 78 0800			.3		1150	4.20	58.0	465.0	4.10	5.7	45	6.83	0.550	
MAXIMUM					1470	6.70	90.0	465.0	4.10	5.7	45	6.83	0.550	2.0
AVG OR GEOM MN (*)					1035	3.69	63.1	465.0	4.10	5.7	45	6.83	0.550	2.0
MINIMUM					135	0.70	6.2	465.0	4.10	5.7	45	6.83	0.550	2.0
NO OF SAMPLES					9	9	9	1	1	1	1	1	1	1

(C O N T D)

SAMP DTE HOUR DY MO YR LNT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
12 05 78 0830			.3									0.002	0.210	0.020L
10 06 78 0855			.3									0.003	0.480	0.040L
09 07 78 0800			.3									0.004	0.250	0.020L
06 08 78 0830			.3									0.003	0.280	0.040L
08 09 78 0840			.3									0.003	0.280	0.040L
06 10 78 0800			.3									0.003	0.280	0.040L
04 11 78 0730			.3									0.001	0.380	0.020L
08 12 78 0800			.3		363.0	115.00	18.50	24	13.00	110.00	41	0.001	0.310	0.020L
MAXIMUM					363.0	115.00	18.50	24	13.00	110.00	41	0.004	0.480	0.040
AVG OR GEOM MN (*)					363.0	115.00	18.50	24	13.00	110.00	41	0.003	0.309	0.030D
MINIMUM					363.0	115.00	18.50	24	13.00	110.00	41	0.001	0.210	0.020
NO OF SAMPLES					1	1	1	1	1	1	1	8	8	8

SAMP DTE HOUR DY MO YR LNT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
12 05 78 0830			.3		0.080	0.030L	0.005L	0.020		0.630	0.030L
10 06 78 0855			.3		0.040	0.030L	0.005L	0.010		0.420	0.020L
09 07 78 0800			.3		0.070	0.030L	0.005L	0.020		0.400	0.020L
06 08 78 0830			.3		0.030	0.030L	0.005L	0.010L		0.750	0.020L
08 09 78 0840			.3		0.030	0.030L	0.005L	0.010L		0.750	0.020L
06 10 78 0800			.3		0.030	0.030L	0.005L	0.010L		0.750	0.020L
04 11 78 0730			.3		0.090	0.030L	0.005L	0.030		1.400	0.020
08 12 78 0800			.3		0.070	0.030L	0.005L	0.030	0.220	1.100	0.020L
MAXIMUM					0.090	0.030	0.005	0.030	0.220	1.400	0.030
AVG OR GEOM MN (*)					0.055	0.030D	0.005D	0.018D	0.220	0.775	0.021D
MINIMUM					0.030	0.030	0.005	0.010	0.220	0.400	0.020
NO OF SAMPLES					8	8	8	8	1	8	8

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: 100 FEET UPSTREAM OF SUDBURY S.T.P. OUTFALL
STATION TYPE: RIVER

STATION ID: 14-0028-047-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 47 LAT: LONG: U T M: 17 0497300.0 5145400.0 4 REGION: 05 MILEAGE: 80.30

SAMP DTE HOUR DY MO YR LNT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
16 04 78 0740			.3		24642	3 6 9	1.0	7.0	1.4	0.042	0.002	10.300	14.000	0.078
14 05 78 0735			.3		24688	3 6 9	13.0	6.0	2.5	0.275	0.009	6.500	9.150	0.099
11 06 78 0850			.3		24728	6 8 9	15.0	6.0	29.0	0.020	0.001	25.200	37.500	0.395
10 07 78 0750			.3		24774	6 8 9	18.0	6.0	13.0	0.024	0.001L	28.000	38.500	0.325
20 08 78 0725			.3		24820	6 8 9	19.0	6.0	0.2	0.020	0.002	5.800	8.500	0.078
17 09 78 0825			.3		24865	6 8 9	13.0	6.0	0.8	0.011	0.002	20.000	28.500	0.029
15 10 78 0850			.3		24911	6 8 9	6.0	7.0	0.2	0.117	0.053	15.800	19.500	0.041
19 11 78 0735			.3		24957	6 8 9	1.0	6.0	1.4	0.048	0.004	10.700	11.900	0.036
16 12 78 0700			.3		25003	6 8	0.0	6.0	1.4	0.076	0.004	11.4	15.0	0.052
MAXIMUM							19.0	7.0	29.0	0.275	0.053	28.000	38.500	0.395
AVG OR GEOM MN (*)							9.6	6.2	5.5	0.070	0.009D	14.856	20.283	0.126
MINIMUM							0.0	6.0	0.2	0.011	0.001	5.800	8.500	0.029
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
16 04 78 0740			.3		1.420	11.798	3.700	15.498	117.0	48.0		69	106	17.00
14 05 78 0735			.3		1.730	8.329	2.650	10.979	969.0	306.0	663		940	73.00
11 06 78 0850			.3		2.380	27.975	12.300	40.275	2026.0	36.0	1990		2350	14.00
10 07 78 0750			.3		0.525	28.850	10.500	39.350	2196.0	17.0	2179		2480	13.00
20 08 78 0725			.3		1.370	7.248	2.700	9.948	1417.0	12.0	1405		1650	6.90
17 09 78 0825			.3		0.775	20.804	8.500	29.304	1789.0	18.0	1771		1930	8.60
15 10 78 0850			.3		0.755	16.596	3.700	20.296	1467.0	18.0	1449		1680	8.70
19 11 78 0735			.3		1.010	11.746	1.200	12.946	1179.0	64.0	1115		1450	27.00
16 12 78 0700			.3		1.00	12.452	3.600	16.052	1603.	103.	1500		1800	62.
MAXIMUM					2.380	28.850	12.300	40.275	2196.0	306.0	2179	69	2480	73.00
AVG OR GEOM MN (*)					1.218	16.200	5.428	21.628	1418.1	69.1	1509	69	1598	25.58
MINIMUM					0.525	7.248	1.200	9.948	117.0	12.0	663	69	106	6.90
NO OF SAMPLES					9	9	9	9	9	9	8	1	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
16 04 78 0740			.3		88.0	370.0	2.70	0.0	35	8.63	3.000		322.0	105.00
14 05 78 0735			.3		59.0	370.0	2.90	12.9	8	6.15	11.000	3.0	292.0	94.00
11 06 78 0850			.3		142.0	1262.0	2.75	5.7	6	7.63	0.460	1.0L	882.0	302.00
10 07 78 0750			.3		95.0	1293.0	3.10	6.0	32	7.70	0.280		925.0	320.00
20 08 78 0725			.3		80.0	763.0	4.40	0.5	42	8.35	0.380		625.0	200.00
17 09 78 0825			.3		77.0	963.0	3.40	0.0	40	9.29	0.280	1.0L	762.0	260.00
15 10 78 0850			.3		61.0	851.0	3.75	0.0	68	9.19	1.100	2.0	656.0	210.00
19 11 78 0735			.3		56.0	682.0	2.85	2.7	30	7.88	3.400		535.0	160.00
16 12 78 0700			.3		157.	763.	3.3	0.	66	8.41	2.6		631.	190.
MAXIMUM					157.	1293.0	4.40	12.9	68	9.29	11.000	3.0	925.0	320.00
AVG OR GEOM MN (*)					90.6	813.0	3.24	3.1	36	8.14	2.500	1.80	625.6	204.56
MINIMUM					56.0	370.0	2.70	0.0	6	6.15	0.280	1.0	292.0	94.00
NO OF SAMPLES					9	9	9	9	9	9	9	4	9	9

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
16 04 78	0720			.3		375	19.00	47.5	89.0	3.60	8.0	14	6.70	2.600	
14 05 78	0715			.3		470	75.00	51.0	135.0	3.20	11.9	11	7.35	9.600	3.0
11 06 78	0830			.3		1360	4.70	147.0	480.0	5.20	4.2	54	7.33	0.800	1.0L
10 07 78	0730			.3		1260	6.40	125.0	438.0	4.15	5.0	79	7.67	0.860	
20 08 78	0710			.3		1230	5.00	85.0	495.0	5.00	7.7	47	7.22	0.490	1.0L
17 09 78	0805			.3		920	8.50	64.0	320.0	4.90	4.0	44	7.47	1.300	1.0L
15 10 78	0830			.3		640	9.80	41.5	232.0	5.10	4.9	41	7.28	1.600	
19 11 78	0715			.3		510	33.00	39.0	168.0	4.35	6.0	19	6.71	9.300	
16 12 78	0645			.3		1280	5.5	200.	255.	5.50	3.3	48	7.41	1.0	
MAXIMUM						1360	75.00	200.	495.0	5.50	11.9	79	7.67	9.600	3.0
AVG OR GEOM MN (*)						894	18.54	88.9	290.2	4.56	6.1	40	7.24	3.061	1.5D
MINIMUM						375	4.70	39.0	89.0	3.20	3.3	11	6.70	0.490	1.0
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
16 04 78	0720			.3		97.0	28.00	6.50	70	2.25	32.00	30			
14 05 78	0715			.3		129.0	37.00	9.00	4	3.15	37.00	48	0.005	7.700	0.020
11 06 78	0830			.3		477.0	144.00	28.50	31	10.50	120.00	47	0.002	0.580	0.020L
10 07 78	0730			.3		451.0	150.00	18.50	44	11.50	93.00	24	0.003	0.330	0.020L
20 08 78	0710			.3		458.0	120.00	38.50	21	13.00	77.00	27			
17 09 78	0805			.3		325.0	102.00	17.00	25	7.10	63.00	18			
15 10 78	0830			.3		214.0	66.00	12.00	46	4.70	42.00	37	0.002	1.000	0.020L
19 11 78	0715			.3		162.0	42.00	14.00	101	3.55	31.00	28	0.002	5.0	0.02 L
16 12 78	0645			.3		279.	92.	12.	27	7.0	126.	35	0.001	0.38	0.02 L
MAXIMUM						477.0	150.00	38.50	101	13.00	126.	48	0.005	7.700	0.020
AVG OR GEOM MN (*)						288.0	86.78	17.33	41	6.97	69.00	33	0.003	2.498	0.020D
MINIMUM						97.0	28.00	6.50	4	2.25	31.00	18	0.001	0.330	0.020
NO OF SAMPLES						9	9	9	9	9	9	9	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
16 04 78	0720			.3						0.258		
14 05 78	0715			.3		1.100	0.030L	0.020L	0.080	0.380	3.400	0.090
11 06 78	0830			.3		0.240	0.030L	0.005L	0.320	0.540	7.000	0.190
10 07 78	0730			.3		0.120	0.030L	0.005L	0.070	0.480	3.000	0.060
20 08 78	0710			.3						0.930		
17 09 78	0805			.3						0.150		
15 10 78	0830			.3		0.460	0.030L	0.005L	0.130	0.240	2.700	0.090
19 11 78	0715			.3		1.1	0.03 L	0.005L	0.16	0.400	4.4	0.15
16 12 78	0645			.3		0.11	0.03 L	0.005L	0.07	0.29	1.4	0.04
MAXIMUM						1.100	0.030	0.020	0.320	0.930	7.000	0.190
AVG OR GEOM MN (*)						0.522	0.030D	0.008D	0.138	0.408	3.650	0.103
MINIMUM						0.11	0.030	0.005	0.070	0.150	1.4	0.04
NO OF SAMPLES						6	6	6	6	9	6	6

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT KING STREET SUDBURY
STATION TYPE: RIVER

STATION ID: 14-0028-049-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 49   LAT: LONG: U T M: 17 0501050.0 5149800.0 4   REGION: 05   MILEAGE: 65.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
17 04 78	1625			.3		24671	3 6 9			1.0	7.0	0.6	0.039	0.010	0.192
15 05 78	2025			.3		24717	3 6 9	80.	4. L	13.0	8.0	0.8	0.138	0.077	0.410
12 06 78	1550			.3		24757	6 8	80.	8.	15.0	7.0	3.6	0.330	0.092	0.610
10 07 78	2140			.3		24803	6 8	260.	16.	17.0	7.0	1.2	0.142	0.033	0.500
20 08 78	2050			.3		24849	6 8 9	10. L	4. L	18.0	6.0	0.2	0.016	0.002	2.850
17 09 78	2020			.3		24894	6 8 9	20. L	4. L	12.0	7.0	0.2	0.116	0.039	0.270
16 10 78	1550			.3		24940	6 8 9	40.	4. L	6.0	6.0	0.5	0.486	0.180	0.500
19 11 78	2145			.3		24986	6 8 9	220.	16.	1.0	7.0	0.2	0.043	0.020	0.042
17 12 78	1000			.3		25032	6 8 4			0.0	7.0	0.2	0.050	0.018	0.230
MAXIMUM								260.	16.	18.0	8.0	3.6	0.486	0.180	2.850
AVG OR GEOM MN (*)								60.* D	7.* D	9.2	6.9	0.8	0.151	0.052	0.623
MINIMUM								10.	4.	0.0	6.0	0.2	0.016	0.002	0.042
NO OF SAMPLES								7	7	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 04 78	1625			.3		0.500	0.009	0.605	0.806	0.308	1.114	176.0	14.0		162
15 05 78	2025			.3		0.900	0.024	0.670	1.104	0.490	1.594	227.0	16.0		211
12 06 78	1550			.3		0.860	0.077	1.880	2.567	0.250	2.817	608.0	9.0	599	
10 07 78	2140			.3		1.070	0.025	1.530	2.055	0.570	2.625	677.0	5.6	671	
20 08 78	2050			.3		3.000	0.006	2.790	5.646	0.150	5.796	1552.0	4.0	1548	
17 09 78	2020			.3		0.700	0.006	0.845	1.121	0.430	1.551	454.0	7.1	447	
16 10 78	1550			.3		1.240	0.032	0.685	1.217	0.740	1.957	272.0	18.0		254
19 11 78	2145			.3		0.440	0.005	0.460	0.507	0.398	0.905	191.0	12.0	179	
17 12 78	1000			.3		0.72	0.014	0.936	1.180	0.490	1.670	476.	3.	473	
MAXIMUM						3.000	0.077	2.790	5.646	0.740	5.796	1552.0	18.0	1548	254
AVG OR GEOM MN (*)						1.048	0.022	1.156	1.800	0.425	2.225	514.8	9.9	653	209
MINIMUM						0.440	0.005	0.460	0.507	0.150	0.905	176.0	3.	179	162
NO OF SAMPLES						9	9	9	9	9	9	9	9	6	3

(CONTD)

STATION ID: 14-0028-049-02

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT KING STREET SUDBURY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 49 LAT: LONG: U T M: 17 0501050.0 5149800.0 4 REGION: 05 MILEAGE: 85.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
17 04 78 1625			.3		250	9.10	35.0	43.5	3.20	4.2	19	6.90	0.930	
15 05 78 2025			.3		325	7.40	41.0	69.0	3.20	3.0	28	7.71	0.810	5.0
12 06 78 1550			.3		890	3.10	106.0	190.0	2.85	2.8	95	7.68	0.760	1.0
10 07 78 2140			.3		900	5.50	115.0	225.0	3.75	2.6	71	8.03	0.650	
20 08 78 2050			.3		1650	3.80	78.0	850.0	7.20	2.8	8	5.62	0.200	1.0L
17 09 78 2020			.3		560	5.90	44.0	178.0	4.30	2.3	49	7.77	0.750	1.0L
16 10 78 1550			.3		390	15.00	32.0	105.0	4.90	5.9	50	6.99	1.500	
19 11 78 2145			.3		275	10.00	25.0	62.0	4.00	4.1	29	7.15	0.820	
17 12 78 1000			.3		750	4.8	137.	105.	5.70	5.3	56	7.40	1.3	
MAXIMUM					1650	15.00	137.	850.0	7.20	5.9	95	8.03	1.500	5.0
AVG OR GEOM MN (*)					666	7.18	68.1	203.1	4.34	3.7	45	7.25	0.858	2.0D
MINIMUM					250	3.10	25.0	43.5	2.85	2.3	8	5.62	0.200	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
17 04 78 1625			.3		61.0	16.60	4.70	45	2.00	23.00	26			
15 05 78 2025			.3		89.0	24.00	7.00	45	2.70	26.00	19	0.001L	0.42	0.02 L
12 06 78 1550			.3		290.0	83.00	20.00	49	11.00	68.00	35	0.003	0.220	0.040L
10 07 78 2140			.3		277.0	78.00	20.00	46	105.00	68.00	45	0.003	0.120	0.020L
20 08 78 2050			.3		745.0	150.00	90.00	8	19.00	68.00	22			
17 09 78 2020			.3		198.0	53.00	16.00	33	5.35	28.00	23	0.001	0.780	0.020L
16 10 78 1550			.3		144.0	41.00	10.00	41	3.75	23.00	25	0.003	1.200	0.020L
19 11 78 2145			.3		84.0	23.00	6.50	40	2.30	15.00	57	0.001	0.92	0.02 L
17 12 78 1000			.3		160.	46.	11.	50	5.0	85.	63	0.001	0.60	0.02 L
MAXIMUM					745.0	150.00	90.00	50	105.00	85.	63	0.003	1.200	0.040
AVG OR GEOM MN (*)					227.6	57.18	20.58	40	17.34	44.89	35	0.002D	0.609	0.023D
MINIMUM					61.0	16.60	4.70	8	2.00	15.00	19	0.001	0.120	0.02
NO OF SAMPLES					9	9	9	9	9	9	9	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
17 04 78 1625			.3						0.200		
15 05 78 2025			.3		0.17	0.03 L	0.005L	0.09	0.155	1.2	0.02 L
12 06 78 1550			.3		0.230	0.030L	0.005L	0.130	0.520	3.900	0.090
10 07 78 2140			.3		0.100	0.030L	0.005L	0.080	0.520	3.300	0.080
20 08 78 2050			.3						2.450		
17 09 78 2020			.3		0.320	0.030L	0.005L	0.200	0.320	3.400	0.130
16 10 78 1550			.3		0.360	0.030L	0.005L	0.150	0.250	1.900	0.020
19 11 78 2145			.3		0.12	0.03 L	0.005L	0.10	0.150	1.0	0.03
17 12 78 1000			.3		0.13	0.03 L	0.005L	0.11	0.34	1.1	0.02 L
MAXIMUM					0.360	0.03	0.005	0.200	2.450	3.900	0.130
AVG OR GEOM MN (*)					0.204	0.030D	0.005D	0.123	0.545	2.257	0.056D
MINIMUM					0.100	0.03	0.005	0.080	0.150	1.0	0.02
NO OF SAMPLES					7	7	7	7	9	7	7

STATION ID: 14-0028-050-02

B.O.W./ SITE: VERMILLION RIVER
SAMPLE POINT: ON ROAD TO VAL THERESE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 50 LAT: LONG: U T M: 17 0499300.0 5170025.0 4 REGION: 05 MILEAGE: 127.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
17 04 78 0800			.3		24657	3 6 8			1.0	11.0	0.5	0.047	0.033	0.246
14 05 78 1510			.3		24703	3 6 8	40.	4. L	12.0	12.0	0.4	0.023	0.013	0.064
12 06 78 0855			.3		24743	6 8	60.	4. L	15.0	11.0	0.2	0.022	0.008	0.026
10 07 78 1435			.3		24789	6 8	80.	4.	17.0	11.0	0.5	0.042	0.027	0.012
20 08 78 1420			.3		24835	6 8			18.0	12.0	0.4	0.134	0.126	0.162
17 09 78 1435			.3		24880	6 8	100.	48.	12.0	11.0	0.6	0.012	0.001	0.026
16 10 78 0820			.3		24926	6 8	20.	4. L	4.0	12.0	0.8	0.015	0.002	0.047
19 11 78 1450			.3		24972	6 8	20. L	4. L	0.0	12.0	0.2	0.003	0.003	0.019
16 12 78 1410			.3		25018	6 8			0.0	12.0	0.2	0.009	0.001L	0.026
MAXIMUM							100.	48.	18.0	12.0	0.8	0.134	0.126	0.246
AVG OR GEOM MN (*)							44.* D	6.* D	8.8	11.6	0.4	0.034	0.024D	0.070
MINIMUM							20.	4.	0.0	11.0	0.2	0.003	0.001	0.012
NO OF SAMPLES							6	6	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
17 04 78 0800			.3		0.450	0.006	0.260	0.512	0.204	0.716	77.0	4.3	73	113
14 05 78 1510			.3		0.280	0.004	0.120	0.188	0.216	0.404	54.0	16.0	38	59
12 06 78 0855			.3		0.250	0.003	0.140	0.169	0.224	0.393	55.0	2.8	52	78
10 07 78 1435			.3		0.210	0.002	0.190	0.204	0.198	0.402	65.0	1.1	64	98
20 08 78 1420			.3		0.380	0.024	0.206	0.392	0.218	0.610	78.0	0.9	77	119
17 09 78 1435			.3		0.280	0.003	0.140	0.169	0.254	0.423	66.0	4.8	61	94
16 10 78 0820			.3		0.370	0.003	0.110	0.160	0.323	0.483	51.0	2.8	48	74
19 11 78 1450			.3		0.200	0.002	0.123	0.144	0.181	0.325	51.0	0.9	50	77
16 12 78 1410			.3		0.21	0.002	0.123	0.151	0.184	0.335	51.	0.1	51	79
MAXIMUM					0.450	0.024	0.260	0.512	0.323	0.716	78.0	16.0	77	119
AVG OR GEOM MN (*)					0.292	0.005	0.157	0.232	0.222	0.455	60.9	3.7	57	88
MINIMUM					0.200	0.002	0.110	0.144	0.181	0.325	51.0	0.1	38	59
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
17 04 78 0800			.3		1.80	6.6								
14 05 78 1510			.3		2.70	1.7	0.001	0.10	0.02 L	0.06	0.03 L	0.005L	0.07	0.02 L
12 06 78 0855			.3		0.90	2.7	0.001L	0.270	0.020L	0.040	0.030L	0.005L	0.020	0.020L
10 07 78 1435			.3		0.65	4.0	0.001	0.200	0.020L	0.060	0.030L	0.005L	0.010L	0.020L
20 08 78 1420			.3		1.10	5.8	0.001	0.200	0.020L	0.060	0.030L	0.005L	0.010L	0.020L
17 09 78 1435			.3		1.90	3.5	0.001L	0.150	0.020L	0.060	0.030L	0.005L	0.010L	0.020L
16 10 78 0820			.3		2.10	2.7	0.001	0.120	0.020L	0.030	0.030L	0.005L	0.010	0.020L
19 11 78 1450			.3		1.90	3.2	0.001L	0.34	0.02 L	0.01	0.03 L	0.005L	0.01 L	0.02 L
16 12 78 1410			.3		1.1	2.4	0.001L	0.32	0.02 L	0.03	0.03 L	0.005L	0.03	0.02 L
MAXIMUM					2.70	6.6	0.001	0.34	0.02	0.06	0.03	0.005	0.07	0.02
AVG OR GEOM MN (*)					1.57	3.6	0.001D	0.213	0.020D	0.044	0.030D	0.005D	0.021D	0.020D
MINIMUM					0.65	1.7	0.001	0.10	0.02	0.01	0.03	0.005	0.010	0.02
NO OF SAMPLES					9	9	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
14 05 78 1510			.3		0.02 L
12 06 78 0855			.3		0.020L
10 07 78 1435			.3		0.020L
20 08 78 1420			.3		0.020L
17 09 78 1435			.3		0.020L
16 10 78 0820			.3		0.020L
19 11 78 1450			.3		0.02 L
16 12 78 1410			.3		0.02 L
MAXIMUM					0.02
AVG OR GEOM MN (*)					0.0200
MINIMUM					0.02
NO OF SAMPLES					8

B.O.W./ SITE: VERMILLION RIVER
SAMPLE POINT: DOWNSTREAM OF MCCHARLES LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 51 LAT: LONG: U T M: 17 0477950.0 5136500.0 4 REGION: 05 MILEAGE: 64.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
15 04 78 0845			.3		24631	3 6 8			1.0	10.0	0.4	0.054	0.023	3.550
12 05 78 0920			.3		24674	3 6 8			12.0	10.0	0.8	0.022	0.002	0.292
06 06 78 0925			.3		24808	6 8			19.0	12.0	0.5	0.014	0.002	0.286
10 06 78 0945			.3		24722	6 8			15.0	11.0	0.8	0.010	0.001	0.530
09 07 78 0850			.3		24762	6 8 0	10.	4. L	17.0	11.0	1.2	0.013	0.003	0.396
08 09 78 0930			.3		24854	6 8			14.0	11.0	0.2	0.017	0.002	0.026
06 10 78 0900			.3		24899	6 8 3			7.0	11.0	0.2	0.024	0.003	0.022
04 11 78 0825			.3		24945	6 8			3.0	11.0	1.0	0.018	0.004	0.585
08 12 78 0845			.3		24991	6 8			0.0	12.0	0.2	0.015	0.007	0.760
MAXIMUM							10.	4.	19.0	12.0	1.2	0.054	0.023	3.550
AVG OR GEOM MN (*)							10.*	4.* D	9.8	11.0	0.6	0.021	0.005	0.716
MINIMUM							10.	4.	0.0	10.0	0.2	0.010	0.001	0.022
NO OF SAMPLES							1	1	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
15 04 78 0845			.3		4.600	0.015	0.785	4.350	1.050	5.400	345.0	3.8	341	
12 05 78 0920			.3		0.570	0.026	0.365	0.683	0.278	0.961	81.0	4.3		77
06 06 78 0925			.3		0.750	0.073	0.352	0.711	0.464	1.175	172.0	2.9		169
10 06 78 0945			.3		0.930	0.020	0.265	0.815	0.400	1.215	126.0	2.1		124
09 07 78 0850			.3		0.850	0.018	0.245	0.659	0.454	1.113	132.0	2.4		130
08 09 78 0930			.3		0.290	0.002	0.005L	0.033	0.264	0.297	91.0	3.6		87
06 10 78 0900			.3		0.390	0.004	0.115	0.141	0.368	0.509	79.0	5.8		73
04 11 78 0825			.3		1.010	0.022	0.358	0.965	0.425	1.390	161.0	2.4		159
08 12 78 0845			.3		1.280	0.012	0.618	1.390	0.520	1.910	177.0	1.6		176
MAXIMUM					4.600	0.073	0.785	4.350	1.050	5.400	345.0	5.8	341	176
AVG OR GEOM MN (*)					1.186	0.021	0.345D	1.083	0.469	1.552	151.6	3.2	341	124
MINIMUM					0.290	0.002	0.005	0.033	0.264	0.297	79.0	1.6	341	73
NO OF SAMPLES					9	9	9	9	9	9	9	9	1	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
15 04 78 0845			.3		530	2.80	29.5	179.0	3.45	3.8	29	7.29	0.600	
12 05 78 0920			.3		118	2.50	5.5	31.0	2.75	2.7	14	7.09	0.580	3.0
06 06 78 0925			.3		260	1.10	13.0	77.0	1.25	1.7	25	7.37	0.150	
10 06 78 0945			.3		190	0.80	8.2	55.0	2.45	2.3	17	7.54	0.220	1.0L
09 07 78 0850			.3		200	1.20	9.5	52.0	1.50	1.3	22	7.62	0.130	
08 09 78 0930			.3		134	0.80	6.1	24.0	2.60	0.7	31	7.14	0.170	1.0L
06 10 78 0900			.3		113	2.80	5.2	25.5	2.60	2.1	26	7.34	0.540	1.0L
04 11 78 0825			.3		245	1.80	11.5	74.0	2.95	2.1	22	7.80	0.360	
08 12 78 0845			.3		270	2.00	12.5	85.0	3.50	3.1	25	6.92	0.360	
MAXIMUM					530	2.80	29.5	179.0	3.50	3.8	31	7.80	0.600	3.0
AVG OR GEOM MN (*)					229	1.76	11.2	66.9	2.56	2.2	23	7.35	0.346	1.50
MINIMUM					113	0.80	5.2	24.0	1.25	0.7	14	6.92	0.130	1.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	4

(C O N T D)

B.O.W./ SITE: VERMILLION RIVER
SAMPLE POINT: DOWNSTREAM OF MCCHARLES LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 51 LAT: LONG: U T M: 17 0477950.0 5136500.0 4 REGION: 05 MILEAGE: 64.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
15 04 78	0845			.3		160.0	51.00	8.00	35	5.10	36.00	27			
12 05 78	0920			.3		40.0	11.80	2.50	30	1.15	4.70	27	0.001	0.180	0.020L
06 06 78	0925			.3		82.0	25.00	4.70	20	2.45	16.00	23	0.004	0.180	0.040L
10 06 78	0945			.3		60.0	18.40	3.40	38	1.75	9.50	22	0.002	0.440	0.020L
09 07 78	0850			.3		66.0	20.20	3.80	36	1.80	11.00	12	0.002	0.300	0.020L
08 09 78	0930			.3		53.0	15.40	3.60	22	1.15	4.30	51			
06 10 78	0900			.3		45.0	13.00	3.05	58	1.20	3.80	25			
04 11 78	0825			.3		76.0	23.00	4.45	49	2.30	13.00	20	0.002	0.260	0.020L
08 12 78	0845			.3		85.0	25.00	5.50	37	2.30	14.00	52	0.001	0.050L	0.020L
MAXIMUM						160.0	51.00	8.00	58	5.10	36.00	52	0.004	0.440	0.040
AVG OR GEOM MN (*)						74.1	22.53	4.33	36	2.13	12.48	29	0.002	0.235D	0.023D
MINIMUM						40.0	11.80	2.50	20	1.15	3.80	12	0.001	0.050	0.020
NO OF SAMPLES						9	9	9	9	9	9	9	6	6	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
15 04 78	0845			.3						0.165		
12 05 78	0920			.3		0.100	0.030L	0.005L	0.020	0.070	0.100	0.030L
06 06 78	0925			.3		0.010L	0.030L	0.005L	0.010L	0.054	0.060	0.020L
10 06 78	0945			.3		0.060	0.030L	0.005L	0.030	0.048	0.090	0.020L
09 07 78	0850			.3		0.110	0.030L	0.005L	0.020	0.045	0.070	0.002L
08 09 78	0930			.3						0.040		
06 10 78	0900			.3						0.075		
04 11 78	0825			.3		0.010L	0.030L	0.005L	0.030	0.092	0.310	0.020L
08 12 78	0845			.3		0.050	0.030L	0.005L	0.010	0.098	0.320	0.020L
MAXIMUM						0.110	0.030	0.005	0.030	0.165	0.320	0.030
AVG OR GEOM MN (*)						0.057D	0.030D	0.005D	0.020D	0.076	0.158	0.019D
MINIMUM						0.010	0.030	0.005	0.010	0.040	0.060	0.002
NO OF SAMPLES						6	6	6	6	9	6	6

B.O.W./ SITE: POLISHING POND EFFLUENT
SAMPLE POINT: ABOVE MINISTIC CREEK AGNEW LAKE MINE
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0028-052-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 52 LAT: LONG: U T M: 17 0453800.0 5141350.0 4 REGION: 05 MILEAGE: 56.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
12 05 78	1145			.3		24679	3 6 8	12.0	8.0	0.5	0.023	0.003	0.016	0.450	0.003
06 10 78	1100			.3		24905	6 8	8.0	7.0	0.2	0.013	0.003	0.004	0.530	0.005
04 11 78	1115			.3		24951	6 8	4.0	7.0	1.0	0.021	0.002	0.014	0.630	0.005
08 12 78	1145			.3		24997	2								
MAXIMUM								12.0	8.0	1.0	0.023	0.003	0.016	0.630	0.005
AVG OR GEOM MN (*)								8.0	7.3	0.6	0.019	0.003	0.011	0.537	0.004
MINIMUM								4.0	7.0	0.2	0.013	0.002	0.004	0.450	0.003
NO OF SAMPLES								3	3	3	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 05 78	1145			.3		0.065	0.084	0.434	0.518	34.0	0.5	33	51	1.40	0.5
06 10 78	1100			.3		0.150	0.159	0.526	0.685	38.0	0.2	38	58	1.50	1.1
04 11 78	1115			.3		0.085	0.104	0.616	0.720	39.0	3.2	36	55	1.10	1.4
MAXIMUM						0.150	0.159	0.616	0.720	39.0	3.2	38	58	1.50	1.4
AVG OR GEOM MN (*)						0.100	0.116	0.525	0.641	37.0	1.3	36	55	1.33	1.0
MINIMUM						0.065	0.084	0.434	0.518	34.0	0.2	33	51	1.10	0.5
NO OF SAMPLES						3	3	3	3	3	3	3	3	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
12 05 78	1145			.3		17.0	0.70	13.0	1	4.48	0.260	2.0	13.0	3.80	0.95
06 10 78	1100			.3		20.5	3.05	11.8	0	4.45	0.500		17.0	4.80	1.20
04 11 78	1115			.3		20.0	2.75	11.4	2	4.57	0.620		16.0	4.60	1.20
MAXIMUM						20.5	3.05	13.0	2	4.57	0.620	2.0	17.0	4.80	1.20
AVG OR GEOM MN (*)						19.2	2.17	12.1	1	4.50	0.460	2.0	15.3	4.40	1.12
MINIMUM						17.0	0.70	11.4	0	4.45	0.260	2.0	13.0	3.80	0.95
NO OF SAMPLES						3	3	3	3	3	3	1	3	3	3

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
12 05 78 1145			.3		70G	1.00	1.00	35	0.001	0.660	0.020L	0.060	0.030L	0.005L
06 10 78 1100			.3		112	0.90	1.30	53	0.001	0.350	0.020L	0.020L	0.050L	0.010L
04 11 78 1115			.3		131	0.95	1.10	46	0.001	0.850	0.020L	0.040	0.030L	0.005L
08 12 78 1145			.3				1.10	46	0.001	0.850	0.020L	0.040	0.030L	0.005L
MAXIMUM					131	1.00	1.30	53	0.001	0.850	0.020	0.060	0.050	0.010
AVG OR GEOM MN (*)					104U	0.95	1.13	45	0.001	0.678	0.020D	0.040D	0.035D	0.006D
MINIMUM					70	0.90	1.00	35	0.001	0.350	0.020	0.020	0.030	0.005
NO OF SAMPLES					3	3	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
12 05 78 1145			.3		0.080	0.132	0.020L	0.030L	1. L	3.	1. L	10.	1. L	10. L
06 10 78 1100			.3		0.070	0.280	0.040L	0.040L						
04 11 78 1115			.3		0.100	0.290	0.020L	0.020L	1. L	2.	1. L	7.	1. L	10. L
08 12 78 1145			.3		0.100	0.290	0.020L	0.020L	1. L	2.	1. L	7.	1. L	10. L
MAXIMUM					0.100	0.290	0.040	0.040	1.	3.	1.	10.	1.	10.
AVG OR GEOM MN (*)					0.088	0.248	0.025D	0.028D	1. D	2.	1. D	8.	1. D	10. D
MINIMUM					0.070	0.132	0.020	0.020	1.	2.	1.	7.	1.	10.
NO OF SAMPLES					4	4	4	4	3	3	3	3	3	3

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: AT HIGH FALLS ROAD BRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-053-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 53 LAT: LONG:

U T M: 17 0459950.0 5136600.0 4 REGION: 05

MILEAGE: 49.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
15 04 78 0930			.3		24632	3 6 8	1.0	9.0	2.2	0.195	0.006	0.106	1.150	0.007
12 05 78 1000			.3		24675	3 6 9	12.0	9.0	0.6	0.019	0.005	0.028	0.450	0.004
10 06 78 1030			.3		24723	6 8	15.0	8.0	0.2	0.024	0.006	0.056	0.480	0.007
06 08 78 1010			.3		24809	6 8	20.0	10.0	0.5	0.030	0.007	0.054	0.420	0.017
08 09 78 1025			.3		24855	6 8	14.0	10.0	0.2	0.036	0.004	0.052	0.260	0.003
06 10 78 0950			.3		24900	6 8 3	8.0	9.0	0.2	0.028	0.003	0.012	0.570	0.006
04 11 78 0900			.3		24946	6 8	3.0	10.0	0.4	0.016	0.004	0.047	0.490	0.005
08 12 78 0930			.3		24992	4 6 8	0.0	10.0	0.2	0.026	0.006	0.100	0.700	0.006
MAXIMUM							20.0	10.0	2.2	0.195	0.007	0.106	1.150	0.017
AVG OR GEOM MN (*)							9.1	9.4	0.6	0.047	0.005	0.057	0.565	0.007
MINIMUM							0.0	8.0	0.2	0.016	0.003	0.012	0.260	0.003
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
15 04 78 0930			.3		0.475	0.588	1.044	1.632	388.0	339.0	49	75	4.20	3.4
12 05 78 1000			.3		0.125	0.157	0.422	0.579	40.0	5.1	35	54	3.10	1.4
10 06 78 1030			.3		0.140	0.203	0.424	0.627	57.0	4.7	52	80	3.40	1.9
06 08 78 1010			.3		0.108	0.179	0.366	0.545	69.0	7.4	62	95	3.60	2.1
08 09 78 1025			.3		0.040	0.095	0.208	0.303	70.0	11.0	59	91	4.70	1.5
06 10 78 0950			.3		0.140	0.158	0.558	0.716	51.0	13.0	38	58	5.00	1.8
04 11 78 0900			.3		0.195	0.247	0.443	0.690	59.0	2.4	57	87	2.50	2.5
08 12 78 0930			.3		0.339	0.445	0.600	1.045	78.0	9.1	69	106	5.30	2.5
MAXIMUM					0.475	0.588	1.044	1.632	388.0	339.0	69	106	5.30	3.4
AVG OR GEOM MN (*)					0.195	0.259	0.508	0.767	101.5	49.0	53	81	3.98	2.1
MINIMUM					0.040	0.095	0.208	0.303	40.0	2.4	35	54	2.50	1.4
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
15 04 78 0930			.3		16.0	4.65	3.7	14	6.80	6.250		28.0	7.20	2.40
12 05 78 1000			.3		14.5	2.80	2.7	9	6.93	0.500	2.0	36.0	5.20	1.75
10 06 78 1030			.3		13.0	3.15	3.0	23	7.72	1.100	1.0L	32.0	8.20	2.90
06 08 78 1010			.3		15.0	4.15	2.8	32	7.12	1.400		41.0	10.40	3.55
08 09 78 1025			.3		16.0	4.30	2.6	27	7.12	1.000	1.0	40.0	10.20	3.50
06 10 78 0950			.3		17.5	4.00	2.5	13	6.68	1.100	1.0L	24.0	6.40	1.95
04 11 78 0900			.3		21.0	4.60	2.6	20	7.21	0.760		34.0	9.00	2.85
08 12 78 0930			.3		25.0	5.40	1.6	21	7.32	1.300		42.0	10.20	3.90
MAXIMUM					25.0	5.40	3.7	32	7.72	6.250	2.0	42.0	10.40	3.90
AVG OR GEOM MN (*)					17.3	4.13	2.7	20	7.11	1.676	1.3D	34.6	8.35	2.85
MINIMUM					13.0	2.80	1.6	9	6.68	0.500	1.0	24.0	5.20	1.75
NO OF SAMPLES					8	8	8	8	8	8	4	8	8	8

(C O N T D)

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: AT HIGH FALLS ROAD BRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-053-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 53 LAT: LONG: U T M: 17 0459950.0 5136600.0 4 REGION: 05 MILEAGE: 49.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
15 04 78 0930			.3		70G	0.65	3.00	54						
12 05 78 1000			.3		70	0.55	1.60	29	0.001	0.510	0.020L	0.040	0.030L	0.005L
10 06 78 1030			.3		95	0.65	2.20	26	0.001	0.510	0.040L	0.040	0.030L	0.005L
06 08 78 1010			.3		83	0.75	2.70	30	0.001	0.400	0.040L	0.010L	0.030L	0.005L
08 09 78 1025			.3		79	0.70	2.10	44						
06 10 78 0950			.3		128	0.65	2.30	45						
04 11 78 0900			.3		92	0.60	2.30	32	0.001	0.240	0.040	0.020	0.030L	0.005L
08 12 78 0930			.3		88	0.80	2.70	58	0.001L	0.350	0.040	0.030	0.030L	0.005L
MAXIMUM					128	0.80	3.00	58	0.001	0.510	0.040	0.040	0.030	0.005
AVG OR GEOM MN (*)					88U	0.67	2.36	40	0.001D	0.402	0.036D	0.028D	0.030D	0.005D
MINIMUM					70	0.55	1.60	26	0.001	0.240	0.020	0.010	0.030	0.005
NO OF SAMPLES					8	8	8	8	5	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
15 04 78 0930			.3			0.470			1. L	1.	1.	3.	1.	10. L
12 05 78 1000			.3		0.020	0.070	0.020L	0.030L	1. L	1. L	1. L	3.	1. L	10. L
10 06 78 1030			.3		0.020	0.108	0.020L	0.020L	1. L	1.	1. L	3.	1. L	10. L
06 08 78 1010			.3		0.010L	0.120	0.020L	0.020L	1. L	1. L	1. L	2.	1. L	10. L
08 09 78 1025			.3			0.095			1. L	1. L	1. L	2.	1. L	10. L
06 10 78 0950			.3						1. L	1. L	1. L	3.	1. L	10. L
04 11 78 0900			.3		0.010	0.051	0.020L	0.020L	1. L	1. L	1. L	3.	1.	10. L
08 12 78 0930			.3		0.050	0.113	0.020L	0.020L						
MAXIMUM					0.050	0.470	0.020	0.030	1.	1.	1.	3.	1.	10.
AVG OR GEOM MN (*)					0.022D	0.147	0.020D	0.022D	1. D	1. D	1. D	2.	1. D	10. D
MINIMUM					0.010	0.051	0.020	0.020	1.	1.	1.	2.	1.	10.
NO OF SAMPLES					5	7	5	5	7	7	7	7	7	7

B.O.W./ SITE: NOLIN CREEK
SAMPLE POINT: AT INCO TREATMENT EFFLUENT
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0028-054-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO: 54 LAT: LONG: U T M: 17 0496850.0 5148575.0 4 REGION: 05 MILEAGE: 87.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
16 04 78 1000			.3		24647	3 6 8	1.0	7.0	2.4	0.108	0.003	1.110	1.620	0.005
14 05 78 1000			.3		24693	3 6 9	12.0	8.0	1.0	0.320	0.003	0.710	1.700	0.010
11 06 78 1055			.3		24733	6 8	16.0	7.0	0.4	0.002	0.001	0.520	0.700	0.011
10 07 78 1005			.3		24779	6 8	17.0	7.0	0.2	0.026	0.001L	0.362	0.660	0.001
20 08 78 0930			.3		24825	6 8	19.0	6.0	0.2	0.017	0.001	0.870	1.110	0.015
17 09 78 1010			.3		24870	6 8	12.0	7.0	6.0	0.010	0.002	0.980	2.350	0.021
15 10 78 1115			.3		24916	6 8	6.0	7.0	4.6	0.012	0.002	1.260	1.580	0.035
19 11 78 0950			.3		24962	4 6 8	0.0	7.0	4.8	0.056	0.006	1.180	1.840	0.022
16 12 78 0900			.3		25008	2								
MAXIMUM							19.0	8.0	6.0	0.320	0.006	1.260	2.350	0.035
AVG OR GEOM MN (*)							10.4	7.0	2.5	0.069	0.002D	0.874	1.445	0.015
MINIMUM							0.0	6.0	0.2	0.002	0.001	0.362	0.660	0.001
NO OF SAMPLES							8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
16 04 78 1000			.3		1.650	2.765	0.510	3.275	851.0	263.0	588	780	50.00	49.0
14 05 78 1000			.3		1.840	2.560	0.990	3.550	1483.0	839.0	644	850	270.00	42.0
11 06 78 1055			.3		0.085	0.616	0.180	0.796	1418.0	20.0	1398	1650	55.00	70.0
10 07 78 1005			.3		0.045	0.408	0.298	0.706	1466.0	14.0	1452	1600	12.00	73.0
20 08 78 0930			.3		0.075	0.960	0.240	1.200	1354.0	40.0	1314	1650	60.00	90.0
17 09 78 1010			.3		0.875	1.876	1.370	3.246	1501.0	42.0	1459	1540	11.00	45.5
15 10 78 1115			.3		1.310	2.605	0.320	2.925	1307.0	19.0	1288	1370	29.00	36.0
19 11 78 0950			.3		2.280	3.482	0.660	4.142	1783.0	198.0	1585	1700	39.00	45.0
MAXIMUM					2.280	3.482	1.370	4.142	1783.0	839.0	1585	1700	270.00	90.0
AVG OR GEOM MN (*)					1.020	1.909	0.571	2.480	1395.4	179.4	1216	1393	65.75	56.3
MINIMUM					0.045	0.408	0.180	0.706	851.0	14.0	588	780	11.00	36.0
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
16 04 78 1000			.3		315.0	4.90	76.9	0	4.34	16.500		247.0	82.00	10.00
14 05 78 1000			.3		360.0	6.30	145.5	0	3.65	40.000	3.0	237.0	67.00	17.00
11 06 78 1055			.3		833.0	6.30	67.4	0	3.58	18.000	1.0L	770.0	281.00	16.50
10 07 78 1005			.3		875.0	1.60	8.3	4	5.64	4.100		833.0	290.00	26.50
20 08 78 0930			.3		725.0	5.20	98.3	0	3.19	23.000	1.0L	629.0	190.00	3.75
17 09 78 1010			.3		750.0	12.30	304.0	0	3.36	81.000	1.0L	574.0	160.00	42.50
15 10 78 1115			.3		757.0	11.50	293.4	0	3.50	43.000		779.0	250.00	37.50
19 11 78 0950			.3		970.0	13.00	480.0	0	3.05	78.000		785.0	240.00	45.00
MAXIMUM					970.0	13.00	480.0	4	5.64	81.000	3.0	833.0	290.00	45.00
AVG OR GEOM MN (*)					698.1	7.64	184.2	1	3.79	37.950	1.5D	606.8	195.00	24.64
MINIMUM					315.0	1.60	8.3	0	3.05	4.100	1.0	237.0	67.00	3.75
NO OF SAMPLES					8	8	8	8	8	8	4	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
16 04 78 1000			.3		35	3.65	36.00	32						
14 05 78 1000			.3		4	2.85	27.00	36	0.005	39.	0.04	7.2	0.03 L	0.01 L
11 06 78 1055			.3		124	8.90	58.00	27	0.001	5.800	0.020L	2.800	0.030L	0.005L
10 07 78 1005			.3		65	9.80	63.00	20	0.001	0.680	0.020L	0.480	0.030L	0.005L
20 08 78 0930			.3		84	8.40	69.00	25						
17 09 78 1010			.3		28	1.20	39.00	44	0.001L	17.000	0.020L	10.000	0.030L	0.010
15 10 78 1115			.3		8	6.10	36.00	18	0.001	12.000	0.020	9.800	0.030L	0.010
19 11 78 0950			.3		48	6.00	40.00	61	0.002	28.	0.06	15.	0.03 L	0.005L
16 12 78 0900			.3				40.00	61	0.002	28.	0.06	15.	0.03 L	0.005L
MAXIMUM					124	9.80	69.00	61	0.005	39.	0.06	15.	0.03	0.01
AVG OR GEOM MN (*)					50	5.86	45.33	36	0.002D	18.640	0.034D	8.611	0.030D	0.007D
MINIMUM					4	1.20	27.00	18	0.001	0.680	0.020	0.480	0.03	0.005
NO OF SAMPLES					8	8	9	9	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
16 04 78 1000			.3			0.600		
14 05 78 1000			.3		0.46	1.200	0.08	0.55
11 06 78 1055			.3		0.310	0.490	14.000	0.560
10 07 78 1005			.3		0.100	0.240	4.400	0.150
20 08 78 0930			.3			1.090		
17 09 78 1010			.3		0.980	1.400	36.000	1.700
15 10 78 1115			.3		0.820	1.300	71.000	1.400
19 11 78 0950			.3		1.1	2.000	62.	1.8
16 12 78 0900			.3		1.1	2.000	62.	1.8
MAXIMUM					1.1	2.000	71.000	1.8
AVG OR GEOM MN (*)					0.696	1.147	35.640	1.137
MINIMUM					0.100	0.240	0.08	0.150
NO OF SAMPLES					7	9	7	7

B.O.W./ SITE: CLAY CREEK
SAMPLE POINT: AT MOORE-SOMBRA TOWNSHIP LINE
STATION TYPE: RIVER

STATION ID: 15-0006-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CLAY CREEK

STORET CODE: 02
003
3140

STN NO: 1 LAT: LONG: U T M: 17 0383850.0 4735575.0 4 REGION: 01 MILEAGE: 6.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 03 78 1420			.3		40065	6	8000.	190.	1400.	4. L	1.5	11.5	2.2	0.218
25 04 78 1300			.3		40095	6	2400.	4.	60.	4. L	11.3	17.0	1.4	0.049
21 06 78 1325			.3		40141	6	5800.	760.	1290.	4. L	24.0	8.6	3.4	0.240
18 07 78 1012			.3		40165	6	700.	240.	250.	4. L	24.7		5.2	0.380
09 08 78 1314			.3		40191	6	6800.	600. G	584.	44.	23.2	10.6	18.4	0.685
19 09 78 0935			.3		40217	6	47000.	1500. G	1500. G	1480.	18.0	2.5	6.2	0.095
17 10 78 1130			.3		40248	6	2000.	230.	10.	4. L	7.0	9.7	3.6	0.098
29 11 78 1030			.3		40279	4	13700.	30.	450.	4. L	1.8	12.7	1.2	0.081
12 12 78 1045			.3		40298	4	4100.	20.	320.	4. L	0.2	13.3	1.1	0.063
MAXIMUM							47000.	1500.	1500.	1480.	24.7	17.0	18.4	0.685
AVG OR GEOM MN (*)							5204.*	137.* U	319.* U	10.* D	12.4	10.7	4.7	0.212
MINIMUM							700.	4.	10.	4.	0.2	2.5	1.1	0.049
NO OF SAMPLES							9	9	9	9	9	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
28 03 78 1420			.3		0.153	0.275	1.360	0.043	1.910	2.228	1.085	3.313	252.0	10.0
25 04 78 1300			.3		0.013	0.025	0.970	0.012	1.040	1.077	0.945	2.022	462.0	32.0
21 06 78 1325			.3		0.034	0.100	1.500	0.018	0.030	0.148	1.400	1.548	628.0	83.0
18 07 78 1012			.3		0.031	0.070	2.400	0.010	0.010	0.090	2.330	2.420	788.0	128.0
09 08 78 1314			.3		0.024	0.025	4.400	0.007	0.010L	0.042	4.375	4.417	888.0	235.0
19 09 78 0935			.3		0.051	0.065	0.605	0.051	0.480	0.596	0.540	1.136	968.0	238.0
17 10 78 1130			.3		0.011	0.085	1.190	0.015	0.040	0.140	1.105	1.245	1040.0	10.0
29 11 78 1030			.3		0.056	0.110	0.920	0.021	0.810	0.941	0.810	1.751	816.0	6.0
12 12 78 1045			.3		0.025	0.005	0.830	0.040	13.200	13.245	0.825	14.070	1068.0	6.0
MAXIMUM					0.153	0.275	4.400	0.051	13.200	13.245	4.375	14.070	1068.0	238.0
AVG OR GEOM MN (*)					0.044	0.084	1.575	0.024	1.948D	2.056	1.491	3.547	767.8	83.1
MINIMUM					0.011	0.005	0.605	0.007	0.010	0.042	0.540	1.136	252.0	6.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

B.O.W./ SITE: CLAY CREEK
SAMPLE POINT: AT MOORE-SOMBRA TOWNSHIP LINE
STATION TYPE: RIVER

STATION ID: 15-0006-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CLAY CREEK
STORET CODE: 02
003
3140

STN NO: 1 LAT: LONG: U T M: 17 0383850.0 4735575.0 4 REGION: 01 MILEAGE: 6.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
28 03 78 1420			.3			246	378	39.00	14.5	
25 04 78 1300			.3		430		580	19.00	30.5	8.52
21 06 78 1325			.3		545		690	72.00	36.5	7.99
18 07 78 1012			.3		660		899	164.00	72.0	8.14
09 08 78 1314			.3		653		780	150.00	83.0	8.08
19 09 78 0935			.3		730		1120	180.00	190.0	7.47
17 10 78 1130			.3		1030		1270	30.00	190.0	7.70
29 11 78 1030			.3		810		1190	12.00	177.0	8.05
12 12 78 1045			.3		1062		1450	5.10	245.0	7.83
MAXIMUM					1062	246	1450	180.00	245.0	8.52
AVG OR GEOM MN (*)					740	246	929	74.57	115.4	7.97
MINIMUM					430	246	378	5.10	14.5	7.47
NO OF SAMPLES					8	1	9	9	9	8

B.O.W./ SITE: STURGEON RIVER
SAMPLE POINT: AT COUNTY ROAD 20 4 MILES SOUTH EAST OF LEAMINGTON
STATION TYPE: RIVER FLOW GAUGE FED 02GH001

STATION ID: 16-0027-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: STURGEON RIVER
STORET CODE: 02
003
2320

STN NO: 1 LAT: LONG: U T M: 17 0370450.0 4654325.0 4 REGION: 01 MILEAGE: 1.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
24 01 78 1410			.3		40010	4	1.60					0.0	10.0	1.3
13 03 78 1230			.3		40047	4	8.80	44000.	1320.	9800.	108.	0.3	13.5	5.7
10 04 78 1230			.3		40072	6	10.60	27000.	180.	400.	4. L	8.2	13.7	1.5
24 05 78 1220			.3		40098	6	4.10	13000.	300.	264.	4. L	16.6	12.4	1.8
12 06 78 1235			.3		40122	6	3.80	29000.	650.	610.	4.	21.1	11.0	2.3
17 07 78 0900			.3		40153	6	1.50	6000.	200.	200.	4.	16.8	7.2	1.5
08 08 78 1134			.3		40180	6 9	1.30	900.	380.	28.	8.	21.8	11.3	4.2
18 09 78 1215			.3		40206	6	3.90	25400E+1G	21300. G	1500. G	560.	21.0	6.8	3.8
16 10 78 1155			.3		40232	6	6.30	16000.	16000.	600. G	156.	9.0	9.2	3.4
28 11 78 1230			.3		40268	6	3.90	19000E+1	3000.	480.	12.	3.0	14.3	1.6
11 12 78 1140			.3		40288	4	4.00					0.2	14.9	1.6
MAXIMUM							10.60	25400E+1	21300.	9800.	560.	21.8	14.9	5.7
AVG OR GEOM MN (*)							4.53	23094.* U	1153.* U	486.* U	18.* D	10.7	11.3	2.6
MINIMUM							1.30	900.	180.	28.	4.	0.0	6.8	1.3
NO OF SAMPLES							11	9	9	9	9	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
24 01 78 1410			.3		0.105	0.084	0.485	0.840	0.051	6.000	6.536	0.355	6.891	550.0
13 03 78 1230			.3		0.222	0.119	1.060	1.990	0.051	5.660	6.771	0.930	7.701	456.0
10 04 78 1230			.3		0.086	0.050	0.515	1.040	0.043	9.900	10.458	0.525	10.983	592.0
24 05 78 1220			.3		0.116	0.063	0.100	0.640	0.160	7.130	7.390	0.540	7.930	550.0
12 06 78 1235			.3		0.176	0.115	0.135	0.720	0.239	8.300	8.674	0.585	9.259	594.0
17 07 78 0900			.3		0.170	0.118	0.075	0.590	0.097	3.600	3.772	0.515	4.287	540.0
08 08 78 1134			.3		0.245	0.074	0.055	1.150	0.234	1.770	2.059	1.095	3.154	440.0
18 09 78 1215			.3		0.790	0.221	0.245	1.790	0.193	2.620	3.058	1.545	4.603	664.0
16 10 78 1155			.3		0.290	0.142	0.255	1.090	0.087	2.210	2.552	0.835	3.387	426.0
28 11 78 1230			.3		0.153	0.125	0.250	0.810	0.059	5.400	5.709	0.560	6.269	584.0
11 12 78 1140			.3		0.186	0.142	0.365	1.100	0.050	11.400	11.815	0.735	12.550	672.0
MAXIMUM					0.790	0.221	1.060	1.990	0.239	11.400	11.815	1.545	12.550	672.0
AVG OR GEOM MN (*)					0.231	0.114	0.322	1.069	0.115	5.817	6.254	0.747	7.001	551.6
MINIMUM					0.086	0.050	0.055	0.590	0.043	1.770	2.059	0.355	3.154	426.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 1410			.3		8.0	542	830	6.20	52.0	8.17
13 03 78 1230			.3		29.0	427	700	18.00	51.0	7.57
10 04 78 1230			.3		20.0	572	800	21.00	48.0	8.04
24 05 78 1220			.3		15.5	535	805	6.20	52.5	8.31
12 06 78 1235			.3		17.5	577	705	12.00	50.0	8.25
17 07 78 0900			.3		15.0	525	789	10.00	71.0	7.97
08 08 78 1134			.3		20.0	420	635	4.90	31.5	8.11
18 09 78 1215			.3		306.0	358	494	240.00	35.0	
16 10 78 1155			.3		28.0	398	515	36.00	32.0	7.40
28 11 78 1230			.3		7.0	577	840	5.50	64.0	8.11
11 12 78 1140			.3		15.0	657	945	6.10	21.5	8.09
MAXIMUM					306.0	657	945	240.00	71.0	8.31
AVG OR GEOM MN (*)					43.7	508	733	33.26	46.2	8.00
MINIMUM					7.0	358	494	4.90	21.5	7.40
NO OF SAMPLES					11	11	11	11	11	10

B.O.W./ SITE: MUDDY CREEK
SAMPLE POINT: AT FIRST BRIDGE ABOVE LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0032-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: MUDDY CREEK

STORET CODE: 02
003
2280

STN NO: 1 LAT: LONG: U T M: 17 0378750.0 4658000.0 4 REGION: 01 MILEAGE: 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
21 02 78 1530			.3		40023	4	100.	44.	70.	4. L	1.6	5.2	4.3	0.550
13 03 78 1220			.3		40046	6	6000.	44.	64.	4.	1.5	7.3	5.4	0.485
10 04 78 1210			.3		40071	6 3	24000.	110.	1500. G	10. L	6.5	10.1	3.4	0.660
24 05 78 1200			.3		40097	6	4300.	36.	140.	4. L	15.2	5.6	4.6	0.345
12 06 78 1215			.3		40121	6 9	3300.	92.	160.	4. L	20.9	6.4	4.2	0.415
17 07 78 0820			.3		40152	6 9	7000.	50.	250.	4. L	20.2	4.2	3.8	0.450
08 08 78 1055			.3		40179	6	5600.	76.	64.	4. L	22.4	3.6	4.4	0.445
18 09 78 1200			.3		40205	9 0	22800E+1G	1080.	1500. G	340.	22.0	0.6	11.6	1.180
16 10 78 1145			.3		40231	9 0	43000E+1G	1460.	1500. G	8.	12.5	0.8	17.6	1.900
28 11 78 1215			.3		40267	6 9	13000.	110.	19000. G	4. L	4.2	11.2	10.6	0.670
11 12 78 1120			.3		40287	9 4					0.3	9.7	10.4	0.650
MAXIMUM							43000E+1	1460.	19000.	340.	22.4	11.2	17.6	1.900
AVG OR GEOM MN (*)							10023.* U	117.*	399.* U	7.* D	11.6	5.9	7.3	0.705
MINIMUM							100.	36.	64.	4.	0.3	0.6	3.4	0.345
NO OF SAMPLES							10	10	10	10	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
21 02 78 1530			.3		0.300	1.900	2.500	0.037	0.470	2.407	0.600	3.007	234.0	8.0
13 03 78 1220			.3		0.250	0.945	1.880	0.025	0.660	1.630	0.935	2.565	226.0	23.0
10 04 78 1210			.3		0.257	1.380	3.250	0.101	2.370	3.851	1.870	5.721	512.0	126.0
24 05 78 1200			.3		0.155	1.155	2.400	0.099	1.030	2.284	1.245	3.529	250.0	26.5
12 06 78 1215			.3		0.142	1.300	2.550	0.135	1.350	2.785	1.250	4.035	314.0	70.0
17 07 78 0820			.3		0.139	0.625	1.750	0.044	0.230	0.899	1.125	2.024	266.0	61.0
08 08 78 1055			.3		0.152	1.160	2.230	0.034	0.150	1.344	1.070	2.414	236.0	32.0
18 09 78 1200			.3		0.425	1.850	4.500	0.025	0.090	1.965	2.650	4.615	224.0	34.5
16 10 78 1145			.3		0.565	4.580	10.500	0.006	0.010L	4.596	5.920	10.516	224.0	34.5
28 11 78 1215			.3		0.153	4.350	7.400	0.189	3.900	8.439	3.050	11.489	326.0	59.0
11 12 78 1120			.3		0.041	2.700	5.500	0.159	7.900	10.759	2.800	13.559	408.0	48.0
MAXIMUM					0.565	4.580	10.500	0.189	7.900	10.759	5.920	13.559	512.0	126.0
AVG OR GEOM MN (*)					0.234	1.995	4.042	0.078	1.651D	3.724	2.047	5.770	306.7	48.4
MINIMUM					0.041	0.625	1.750	0.006	0.010	0.899	0.600	2.024	224.0	8.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	68 COLOUR HAZEN UNITS	41 COD MG/L
21 02 78 1530			.3		226		435	5.40	27.5	7.49	10	34
13 03 78 1220			.3		203		424	8.30	37.0	7.33	10	27
10 04 78 1210			.3		386		401	240.00	23.0	7.55		27
24 05 78 1200			.3			230	354	17.00	22.5	7.48	15	31
12 06 78 1215			.3			238	366	44.00	23.0	7.42	40	28
17 07 78 0820			.3			217	334	38.00	23.0	6.86	20	21
08 08 78 1055			.3			220	338	19.00	22.5	7.23	15	21
18 09 78 1200			.3			241	371	12.00	25.0			21
16 10 78 1145			.3		267		410	22.00	26.0	6.76	77	79
28 11 78 1215			.3		360		610	19.00	44.5	7.31		65
11 12 78 1120			.3		334		560	24.00	41.5	7.40	25	59
MAXIMUM					386	241	610	240.00	44.5	7.55	77	79
AVG OR GEOM MN (*)					296	229	418	40.79	28.7	7.28	27	38
MINIMUM					203	217	334	5.40	22.5	6.76	10	21
NO OF SAMPLES					6	5	11	11	11	10	8	11

B.O.W./ SITE: DUTTON DRAIN
SAMPLE POINT: AT CONCESSION ROAD 7 DUNWICH TOWNSHIP SOUTH WEST OF DUTTON
STATION TYPE: RIVER

STATION ID: 16-0072-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: TYRCONNELL CREEK

STORET CODE: 02
003
1860

STN NO: 1 LAT: LONG: U T M: 17 0459800.0 4719900.0 4 REGION: 01 MILEAGE: 5.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1030			.3		40007	4					0.0	12.8	2.0	0.080
10 04 78 0945			.3		40067	6	3000.	120.	2900.	4.	3.5	13.0	1.4	0.132
24 05 78 0938			.3		40093	6	9300.	160.	170.	4. L	16.0	7.6	2.4	0.150
12 06 78 0920			.3		40117	6	10000.	480.	420.	4. L	19.9	6.9	2.4	0.140
25 09 78 1430			.3		40917	6					17.0	6.5	1.6	0.150
25 10 78 1000			.3		40928	6	2800.	368.	204.	4. L	12.0	9.0	1.8	0.066
29 11 78 0915			.3		40939	4					2.0	8.0	1.2	0.048
MAXIMUM							10000.	480.	2900.	4.	19.9	13.0	2.4	0.150
AVG OR GEOM MN (*)							5286.*	241.*	453.*	4.* D	10.1	9.1	1.8	0.109
MINIMUM							2800.	120.	170.	4.	0.0	6.5	1.2	0.048
NO OF SAMPLES							4	4	4	4	7	7	7	7

(C O N T D)

```
                                                                                         STATION ID:  16-0072-001-02
 B.O.W./ SITE: DUTTON DRAIN
 SAMPLE POINT: AT CONCESSION ROAD 7 DUNWICH TOWNSHIP SOUTH WEST OF DUTTON
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                   003
                                                        TERM STREAM: TYRCONNELL CREEK                            1860

STN NO:     1     LAT:               LONG:              U T M: 17 0459800.0 4719900.0 4    REGION: 01         MILEAGE:     5.50

                                      34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET       MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 1030               .3       0.051      0.130      1.250      0.023      2.420      2.573      1.120      3.693      534.0       41.0
10 04 78 0945               .3       0.057      0.170      0.900      0.023      1.950      2.143      0.730      2.873      442.0       40.0
24 05 78 0938               .3       0.037      0.105      1.270      0.071      1.780      1.956      1.165      3.121      532.0       88.0
12 06 78 0920               .3       0.045      0.065      0.900      0.109      1.620      1.794      0.835      2.629      550.0       59.0
25 09 78 1430               .3       0.017      0.075      0.830      0.022      0.470      0.567      0.755      1.322      790.0       27.5
25 10 78 1000               .3       0.011      0.020      0.890      0.005      0.100      0.125      0.870      0.995      770.0       12.0
29 11 78 0915               .3       0.025      0.055      0.980      0.061      8.200      8.316      0.925      9.241      808.0       15.0

                       MAXIMUM       0.057      0.170      1.270      0.109      8.200      8.316      1.165      9.241      808.0       88.0
          AVG OR GEOM MN (*)         0.035      0.089      1.003      0.045      2.363      2.496      0.914      3.411      632.3       40.4
                       MINIMUM       0.011      0.020      0.830      0.005      0.100      0.125      0.730      0.995      442.0       12.0

                NO OF SAMPLES            7          7          7          7          7          7          7          7          7          7

                                       7         14         16         56         55         25
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.      COND.      TURB.   CHLORIDE         PH    PHENOLS
DY MO YR LMT   DIST BRG DEPTH       SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET       MTRS        MG/L      UMHOS      UNITS                             UG/L

24 01 78 1030               .3         493        775      32.00       40.5       7.91       1.0L
10 04 78 0945               .3         402        580      70.00       29.0       7.90
24 05 78 0938               .3         444        645      75.00       39.0       7.95
12 06 78 0920               .3         491        675      60.00       65.0       7.74
25 09 78 1430               .3         762       1130      19.00      175.0       7.78
25 10 78 1000               .3         758       1140      10.00      190.0       7.83
29 11 78 0915               .3         793       1140      12.00      140.0       8.03

                       MAXIMUM         793       1140      75.00      190.0       8.03        1.0
          AVG OR GEOM MN (*)           592        869      39.71       96.9       7.88        1.0D
                       MINIMUM         402        580      10.00       29.0       7.74        1.0

                NO OF SAMPLES            7          7          7          7          7          1
```

```
                                                                                         STATION ID:  16-0087-003-02
 B.O.W./ SITE: KETTLE CREEK
 SAMPLE POINT: SECOND CONCESSION ROAD NORTH OF ST THOMAS
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                   003
                                                        TERM STREAM: KETTLE CREEK                                1660

STN NO:     3     LAT:               LONG:              U T M: 17 0484400.0 4739525.0 4    REGION: 01         MILEAGE:    18.40

                                     934        901         80         81         84         88        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO              COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD          P
               FEET       MTRS                         MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L

24 01 78 0910               .3       41502    4         2100.       130.        72.       4.  L       1.0        8.0        0.9      0.056
02 03 78 0935               .3       41515    4          990.       136.        44.       4.  L       3.0        9.0        0.8      0.078
27 03 78 0930               .3       41528    6         5600.       200.       420.       4.  L       0.0        7.5        1.4      0.110

                       MAXIMUM                          5600.       200.       420.       4.          3.0        9.0        1.4      0.110
          AVG OR GEOM MN (*)                            2267.*      152.*      110.*      4.* D       1.3        8.2        1.0      0.081
                       MINIMUM                           990.       130.        44.       4.          0.0        7.5        0.8      0.056

                NO OF SAMPLES                               3          3          3          3          3          3          3          3

                                      34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET       MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L

24 01 78 0910               .3       0.032      0.170      0.550      0.020      2.420      2.610      0.380      2.990      346.0        2.5
02 03 78 0935               .3       0.046      0.270      0.620      0.019      2.040      2.329      0.350      2.679      346.0        7.0
27 03 78 0930               .3       0.067      0.265      0.800      0.029      2.370      2.664      0.535      3.199

                       MAXIMUM       0.067      0.270      0.800      0.029      2.420      2.664      0.535      3.199      346.0        7.0
          AVG OR GEOM MN (*)         0.048      0.235      0.657      0.023      2.277      2.534      0.422      2.956      346.0        4.8
                       MINIMUM       0.032      0.170      0.550      0.019      2.040      2.329      0.350      2.679      346.0        2.5

                NO OF SAMPLES            3          3          3          3          3          3          3          3          2          2

                                       7         14         16         56         55         25
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.      COND.      TURB.   CHLORIDE         PH    PHENOLS
DY MO YR LMT   DIST BRG DEPTH       SOLIDS        25C   FORMAZIN       MG/L     AT LAB
               FEET       MTRS        MG/L      UMHOS      UNITS                             UG/L

24 01 78 0910               .3         343        600       3.40       16.5       7.88       1.0L
02 03 78 0935               .3         339        645       6.70       24.0       7.89       1.0L
27 03 78 0930               .3                    412      30.00       14.0                  1.0

                       MAXIMUM         343        645      30.00       24.0       7.89       1.0
          AVG OR GEOM MN (*)           341        552      13.37       18.2       7.89       1.0D
                       MINIMUM         339        412       3.40       14.0       7.88       1.0

                NO OF SAMPLES            2          3          3          3          2          3
```

B.O.W./ SITE: DODD CREEK
SAMPLE POINT: FIRST CONCESSION NORTH OF HIGHWAY 3
STATION TYPE: RIVER FLOW GAUGE MOE 02GC104

STATION ID: 16-0087-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 4 LAT: LONG: U T M: 17 0477275.0 4740275.0 4 REGION: 01 MILEAGE: 22.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
31 05 78	0930			.3		40800	5 0	1500. G	468.	204.	8.	21.3	2.6	19.2	1.570
27 06 78	1425			.3		41577	6	5100.	4300.	900.	4.	25.0		34.0	2.550
31 07 78	1420			.3		41591	0	700.	250.	450.	4. L	19.0	5.0	3.2	0.400
29 08 78	1200			.3		41565	6	7300.	1500. G	490.	164.			10.0	1.660
27 09 78	1350			.3		41579	6	42000.	2500.	540.	176.	16.0	7.0	30.0	1.020
23 10 78	1350			.3		41592	0	1500.	236.	132.	4. L	10.0	6.0	4.4	0.790
21 11 78	1350			.3		41605	6	700.	96.	172.	4. L			1.3	0.122
MAXIMUM								42000.	4300.	900.	176.	25.0	7.0	34.0	2.550
AVG OR GEOM MN (*)								2899.* U	637.* U	337.*	13.* D	18.3	5.2	14.6	1.159
MINIMUM								700.	96.	132.	4.	10.0	2.6	1.3	0.122
NO OF SAMPLES								7	7	7	7	5	4	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
31 05 78	0930			.3		0.300	0.005	2.500	0.003	0.010	0.018	2.495	2.513	444.0	16.0
27 06 78	1425			.3		0.800	0.005L	2.470	0.003	0.010L	0.018	2.465	2.483	518.0	48.0
31 07 78	1420			.3		0.286	0.965	1.850	0.166	0.610	1.741	0.885	2.626	336.0	8.0
29 08 78	1200			.3		1.570	0.180	1.850	0.025	0.020	0.225	1.670	1.895	440.0	8.0
27 09 78	1350			.3		0.800	0.005L	2.030	0.003	0.030	0.038	2.025	2.063	410.0	14.0
23 10 78	1350			.3		0.635	1.240	2.000	0.033	0.070	1.343	0.760	2.103	410.0	13.0
21 11 78	1350			.3		0.083	0.405	0.960	0.120	5.530	6.055	0.555	6.610	440.0	7.5
MAXIMUM						1.570	1.240	2.500	0.166	5.530	6.055	2.495	6.610	518.0	48.0
AVG OR GEOM MN (*)						0.639	0.401D	1.951	0.050	0.897D	1.348	1.551	2.899	428.3	16.4
MINIMUM						0.083	0.005	0.960	0.003	0.010	0.018	0.555	1.895	336.0	7.5
NO OF SAMPLES						7	7	7	7	7	7	7	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
31 05 78	0930			.3		428	730	7.00	72.0	7.62	0.320	9.5	0.160	0.020L	0.040
27 06 78	1425			.3		470	735	11.00	67.5		1.000	33.0			0.060
31 07 78	1420			.3		328	520	4.50	32.5			1.0			0.020
29 08 78	1200			.3		432	745	4.80	60.0		0.500				0.020
27 09 78	1350			.3		396	610	5.30	45.0		0.540	7.0			0.020L
23 10 78	1350			.3		397	605	6.50	35.5		0.600				0.050
21 11 78	1350			.3		433	705	10.00	41.5		0.640				0.010
MAXIMUM						470	745	11.00	72.0	7.62	1.000	33.0	0.160	0.020	0.060
AVG OR GEOM MN (*)						412	664	7.01	50.6	7.62	0.600	12.6	0.160	0.020D	0.031D
MINIMUM						328	520	4.50	32.5	7.62	0.320	1.0	0.160	0.020	0.010
NO OF SAMPLES						7	7	7	7	1	6	4	1	1	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
31 05 78	0930			.3		0.030L	0.005L	0.040	0.050	0.030L
27 06 78	1425			.3				0.050	0.080	
31 07 78	1420			.3				0.010	0.020L	
29 08 78	1200			.3				0.010	0.020L	
27 09 78	1350			.3				0.020L	0.040L	
23 10 78	1350			.3				0.020	0.040	
21 11 78	1350			.3				0.020	0.020	
MAXIMUM						0.030	0.005	0.050	0.080	0.030
AVG OR GEOM MN (*)						0.030D	0.005D	0.024D	0.039D	0.030D
MINIMUM						0.030	0.005	0.010	0.020	0.030
NO OF SAMPLES						1	1	7	7	1

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT POND OUTLET COMMUNITY OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 6 LAT: LONG: U T M: 17 0483800.0 4728150.0 4 REGION: 01 MILEAGE: 4.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1400			.3		41510	4	4300.	300.	80.	4. L	1.0	9.0	1.6	0.038
02 03 78	1410			.3		41523	4	2800.	496.	44.	8.	3.0	8.5	0.8	0.040
27 03 78	1350			.3		41536	6	5100.	260.	50.	4. L	0.0	7.0	1.6	0.082
28 04 78	1230			.3		41549	6	230.	12.	10. L	4. L	14.0	8.5	3.4	0.104
30 05 78	1330			.3		41562	6	16200.	32.	28.	4. L	23.0	8.0	2.4	0.141
27 06 78	1245			.3		41575	6	900.	84.	44.	4. L	24.0	7.5	6.0	0.098
31 07 78	1235			.3		41589	6					17.0	7.0		
29 08 78	1200			.3		41563	6	6300.	30.	10.	4.			7.8G	0.134
27 09 78	1000			.3		41577	6	3100.	50.	10. L	4. L	14.0	7.0	2.7	0.072
23 10 78	1300			.3		41590	6	2400.	28.	16.	4. L	10.0	5.5	2.4	0.072
21 11 78	1300			.3		41603	6	2500.	16.	264.	4. L			1.2	0.106
MAXIMUM								16200.	496.	264.	8.	24.0	9.0	7.8	0.141
AVG OR GEOM MN (*)								2743.*	62.*	31.* D	4.* D	11.8	7.6	3.0U	0.089
MINIMUM								230.	12.	10.	4.	0.0	5.5	0.8	0.038
NO OF SAMPLES								10	10	10	10	9	9	10	10

(C O N T D)

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT POND OUTLET COMMUNITY OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 6 LAT: LONG: U T M: 17 0483800.0 4728150.0 4 REGION: 01 MILEAGE: 4.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1400			.3		0.017	0.155	0.440	0.024	3.100	3.279	0.285	3.564	344.0	7.0
02 03 78	1410			.3		0.019	0.145	0.410	0.019	2.910	3.074	0.265	3.339	352.0	4.5
27 03 78	1350			.3		0.042	0.195	0.620	0.023	1.550	1.768	0.425	2.193		
26 04 78	1230			.3		0.005	0.025	0.600	0.021	1.390	1.436	0.575	2.011		
30 05 78	1330			.3		0.011	0.135	0.800	0.048	0.780	0.963	0.665	1.628	324.0	7.5
27 06 78	1245			.3		0.003	0.010	1.000	0.047	0.500	0.557	0.990	1.547	366.0	33.0
29 08 78	1200			.3		0.003	0.070	1.680	0.027	0.220	0.317	1.610	1.927		
27 09 78	1000			.3		0.005	0.055	0.760	0.040	0.710	0.805	0.705	1.510		
23 10 78	1300			.3		0.007	0.015	0.670	0.023	0.880	0.918	0.655	1.573		
21 11 78	1300			.3		0.053	0.375	0.960	0.029	1.300	1.704	0.585	2.289		
MAXIMUM						0.053	0.375	1.680	0.048	3.100	3.279	1.610	3.564	366.0	33.0
AVG OR GEOM MN (*)						0.017	0.118	0.794	0.030	1.334	1.482	0.676	2.158	346.5	13.0
MINIMUM						0.003	0.010	0.410	0.019	0.220	0.317	0.265	1.510	324.0	4.5
NO OF SAMPLES						10	10	10	10	10	10	10	10	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
24 01 78	1400			.3		337	610	5.20	17.5
02 03 78	1410			.3		347	640	5.60	19.0
27 03 78	1350			.3			471	20.00	16.0
26 04 78	1230			.3			540	23.00	18.0
30 05 78	1330			.3		317	520	7.80	18.5
27 06 78	1245			.3			473	8.20	16.0
31 07 78	1235			.3		333			
29 08 78	1200			.3			492	7.20	16.5
27 09 78	1000			.3			535	15.00	18.5
23 10 78	1300			.3			555	10.00	20.0
21 11 78	1300			.3			578	10.00	22.5
MAXIMUM						347	640	23.00	22.5
AVG OR GEOM MN (*)						333	541	11.20	18.3
MINIMUM						317	471	5.20	16.0
NO OF SAMPLES						4	10	10	10

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: FIRST CONCESSION SOUTH WEST OF BELMONT
STATION TYPE: RIVER

STATION ID: 16-0087-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 7 LAT: LONG: U T M: 17 0491500.0 4746650.0 4 REGION: 01 MILEAGE: 27.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	0935			.3		41503	4	1000.	28.	44.	52.	1.0	7.5	1.0	0.056
02 03 78	1010			.3		41516	4	3500.	512.	100.	4. L	3.0	9.0	4.8	0.094
27 03 78	1000			.3		41529	6	4000.	220.	1800.	4. L	0.0	8.5	2.2	0.112
26 04 78	1600			.3		41542	6	1500.	32.	10. L	4. L	15.0	7.0	1.8	0.067
30 05 78	1005			.3		41555	6	1600.	312.	24.	4. L	23.0	6.5	2.1	0.119
27 06 78	0935			.3		41568	6	4800.	230.	164.	12.	22.0	5.0	1.6	0.200
31 07 78	0940			.3		41582	6	8100.	76.	476.	32.	16.5	6.5	2.0	0.240
29 08 78	0935			.3		41596	6	9800.	630.	160.	4. L	21.0	7.0	2.6	0.138
27 09 78	0940			.3		41570	6	13200E+1	5500.	630.	100.	14.0	5.0	4.0	0.620
23 10 78	0930			.3		41584	6	6400.	120.	60.	4. L	11.0	4.0	1.0	0.091
21 11 78	0930			.3		41597	6	5900.	530.	1500. G	4. L			1.1	0.074
MAXIMUM								13200E+1	5500.	1800.	100.	23.0	9.0	4.8	0.620
AVG OR GEOM MN (*)								5124.*	235.*	156.* E	9.* D	12.7	6.6	2.2	0.165
MINIMUM								1000.	28.	10.	4.	0.0	4.0	1.0	0.056
NO OF SAMPLES								11	11	11	11	10	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	0935			.3		0.025	0.150	0.590	0.025	2.500	2.675	0.440	3.115	340.0	6.0
02 03 78	1010			.3		0.026	0.155	0.680	0.019	2.060	2.234	0.525	2.759	432.0	45.0
27 03 78	1000			.3		0.065	0.335	0.950	0.029	2.340	2.704	0.615	3.319		
26 04 78	1600			.3		0.022	0.015	0.555	0.017	1.100	1.132	0.540	1.672		
30 05 78	1005			.3		0.061	0.185	1.030	0.073	0.630	0.888	0.845	1.733	344.0	4.5
27 06 78	0935			.3		0.126	0.365	1.000	0.011	0.020	0.396	0.635	1.031	318.0	5.5
31 07 78	0940			.3		0.097	0.265	1.330	0.195	3.050	3.510	1.065	4.575		
29 08 78	0935			.3		0.100	0.245	1.100	0.061	0.190	0.496	0.855	1.351		
27 09 78	0940			.3		0.400	0.175	0.900	0.025	0.130	0.330	0.725	1.055		
23 10 78	0930			.3		0.035	0.015	0.675	0.020	0.470	0.505	0.660	1.165		
21 11 78	0930			.3		0.038	0.035	0.830	0.049	8.600	8.684	0.795	9.479		
MAXIMUM						0.400	0.365	1.330	0.195	8.600	8.684	1.065	9.479	432.0	45.0
AVG OR GEOM MN (*)						0.090	0.176	0.876	0.048	1.917	2.141	0.700	2.841	358.5	15.3
MINIMUM						0.022	0.015	0.555	0.011	0.020	0.330	0.440	1.031	318.0	4.5
NO OF SAMPLES						11	11	11	11	11	11	11	11	4	4

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 0935			.3		334	600	4.50	17.0	7.80
02 03 78 1010			.3		387	670	16.00	21.0	7.81
27 03 78 1000			.3			418	13.00	15.5	
26 04 78 1600			.3			482	7.50	17.5	
30 05 78 1005			.3		340	562	2.20	18.5	8.00
27 06 78 0935			.3		313	520	2.90	19.0	
31 07 78 0940			.3			491	96.00	20.5	
29 08 78 0935			.3			620	19.00	44.5	
27 09 78 0940			.3			705	6.20	52.0	
23 10 78 0930			.3			685	4.10	39.0	
21 11 78 0930			.3			759	5.40	35.5	
MAXIMUM					387	759	96.00	52.0	8.00
AVG OR GEOM MN (*)					343	592	16.07	27.3	7.87
MINIMUM					313	418	2.20	15.5	7.80
NO OF SAMPLES					4	11	11	11	3

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT COUNTY ROAD 26 ST THOMAS
STATION TYPE: RIVER

STATION ID: 16-0087-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 9 LAT: LONG: U T M: 17 0483450.0 4736750.0 4 REGION: 01 MILEAGE: 14.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 0845			.3		41501	4	800.	68.	76.	4. L	1.0	8.0	1.3	0.080
02 03 78 0925			.3		41514	4	3000.	512.	24.	4. L	3.0	10.5	1.6	0.092
27 03 78 0915			.3		41527	6	1600.	60.	340.	4. L	0.0	9.0	2.0	0.118
26 04 78 1530			.3		41540	6	3300.	12.	10. L	4. L	17.0	9.5	1.0	0.064
30 05 78 0910			.3		41553	6	370.	36.	48.	4. L	22.0	7.0	2.0	0.054
27 06 78 0905			.3		41566	6	24000. G	256.	152.	12.	22.0	6.5	2.2	0.124
31 07 78 0910			.3		41580	6	35000.	600. G	236.	32.	18.0	6.0	1.8	0.132
29 08 78 0905			.3		41594	6	59000. G	1500. G	1180.	600. G	22.0	5.5	2.2	0.172
27 09 78 0850			.3		41568	6	13000.	140.	550.	4.	13.0	7.0	3.6	0.122
23 10 78 0900			.3		41582	6	12000E+2G	24000. G	24000. G	20.	10.0	6.5	9.0	0.460
21 11 78 0900			.3		41595	6	7700.	340.	4000.	32.			4.6	0.195
MAXIMUM							12000E+2	24000.	24000.	600.	22.0	10.5	9.0	0.460
AVG OR GEOM MN (*)							8906.* U	250.* U	274.* E	12.* E	12.8	7.6	2.8	0.147
MINIMUM							370.	12.	10.	4.	0.0	5.5	1.0	0.054
NO OF SAMPLES							11	11	11	11	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 0845			.3		0.040	0.135	0.570	0.023	3.300	3.458	0.435	3.893	348.0	12.0
02 03 78 0925			.3		0.045	0.245	0.680	0.023	2.180	2.448	0.435	2.883	376.0	9.5
27 03 78 0915			.3		0.071	0.235	0.790	0.029	2.280	2.544	0.555	3.099	276.0	15.0
26 04 78 1530			.3		0.015	0.045	0.650	0.022	1.480	1.547	0.605	2.152	296.0	25.0
30 05 78 0910			.3		0.001	0.045	0.670	0.049	1.090	1.184	0.625	1.809	280.0	14.5
27 06 78 0905			.3		0.007	0.005	0.850	0.020	0.150	0.175	0.845	1.020	326.0	20.5
31 07 78 0910			.3		0.049	0.075	0.840	0.017	0.090	0.182	0.765	0.947	344.0	49.0
29 08 78 0905			.3		0.045	0.070	1.010	0.020	0.240	0.330	0.940	1.270	4920.0	63.0
27 09 78 0850			.3		0.018	0.155	1.950	0.055	0.470	0.680	1.795	2.475	322.0	41.0
23 10 78 0900			.3		0.077	0.435	2.500	0.023	0.350	0.808	2.065	2.873	416.0	35.0
21 11 78 0900			.3		0.010	0.025	1.380	0.019	1.510	1.554	1.355	2.909	348.0	13.5
MAXIMUM					0.077	0.435	2.500	0.055	3.300	3.458	2.065	3.893	4920.0	63.0
AVG OR GEOM MN (*)					0.034	0.134	1.081	0.027	1.195	1.355	0.947	2.303	750.2	27.1
MINIMUM					0.001	0.005	0.570	0.017	0.090	0.175	0.435	0.947	276.0	9.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 0845			.3		336		620	6.80	23.5	7.92
02 03 78 0925			.3		366		675	8.50	32.5	7.80
27 03 78 0915			.3			250	384	32.00	15.0	
26 04 78 1530			.3		271		465	20.00	18.0	
30 05 78 0910			.3		266		450	7.10	23.0	7.95
27 06 78 0905			.3		306		481	8.20	22.0	
31 07 78 0910			.3		295		477	21.00	26.0	
29 08 78 0905			.3		4857		458	37.00	25.0	
27 09 78 0850			.3		281		496	25.00	18.0	
23 10 78 0900			.3		381		559	13.00	40.5	
21 11 78 0900			.3		335		585	11.00	40.5	
MAXIMUM					4857	250	675	37.00	40.5	7.95
AVG OR GEOM MN (*)					769	250	514	17.24	25.8	7.89
MINIMUM					266	250	384	6.80	15.0	7.80
NO OF SAMPLES					10	1	11	11	11	3

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  25 OCT 79  PAGE   460

 B.O.W./ SITE: KETTLE CREEK                                                                 STATION ID:  16-0087-010-02
 SAMPLE POINT: FIRST BRIDGE ABOVE PORT STANLEY
 STATION TYPE: RIVER   FLOW GAUGE MOE 02GC111        MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                     MINOR BASIN: LAKE ERIE                                             003
                                                     TERM STREAM: KETTLE CREEK                                          1660

STN NO:     10    LAT:              LONG:           U T M: 17 0482175.0 4726500.0 4    REGION: 01            MILEAGE:    3.00

                                       934     901        80          81          84          88      805       3        1       33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     SCD      TOTAL       FECAL        M.F.      PSEUD.    WATER    DISS.   5-DAY    TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM    COLIFORM      ENTER.         MPA    TEMP.      O2      BOD        P
               FEET       MTRS                       MF/100ML    MF/100ML    MF/100ML    MF/100ML    DEG C    MG/L    MG/L     MG/L

24 01 78 1340               .3       41509   4       69000.      1140.        910.        36.         1.0     10.5    10.8    1.650
02 03 78 1350               .3       41522   4       59000.      1500.       2600.        20.         3.0     12.0    17.2    1.560
27 03 78 1330               .3       41535   6       13000.       940.        590.         4.  L      0.0      8.0     2.6    0.200
19 04 78 1200               .3       40091           35000.      1500.  G    1500.  G     32.                          2.8    0.282
26 04 78 1130               .3       41548   6       45000.       252.         80.        12.        15.0      9.0     3.5    0.170
30 05 78 1300               .3       41561   6                                                       24.0      6.0     4.0    0.440
27 06 78 1220               .3       41574   6         800.       140.        188.         4.  L     23.0      5.0     4.6    0.470
31 07 78 1220               .3       41588   6       44000.       640.        120.         4.        16.0      5.5     2.2    0.238
29 08 78 1200               .3       41562   6       11200.       700.       1500.  G     52.                          0.8    0.540
27 09 78 1210               .3       41576   6        5900.       380.        280.         4.  L     14.0      8.0     2.6    0.360
23 10 78 1200               .3       41589   6        2300.       248.         16.         4.  L     10.0      6.0     5.2    0.308
21 11 78 1200               .3       41602   6     12000E+1G      600.  G     600.  G     88.                          5.9    0.164

                     MAXIMUM                       12000E+1      1500.       2600.        88.        24.0     12.0    17.2    1.650
           AVG OR GEOM MN (*)                      17704.* U     572.* U     365.* U     13.* D      11.8      7.8     5.2    0.532
                     MINIMUM                          800.        140.         16.         4.         0.0      5.0     0.8    0.164

                NO OF SAMPLES                           11          11          11          11          9        9      12       12

                                        34       19        20          21          22         17       18       23        5        6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED FILTERED      TOTAL    FILTERED    FILTERED     INRGNC    TOTAL  TOTAL N    TOTAL    SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE AMMONIA    KJELDAHL    NO2-N       NO3-N             N ORGNC  N           SOLIDS   SOLIDS
               FEET       MTRS      P MG/L    MG/L       MG/L   MG/L        MG/L            MG/L     MG/L     MG/L     MG/L     MG/L

24 01 78 1340               .3       0.281    0.365     2.950     0.105       4.800      5.270    2.585    7.855    574.0    198.0
02 03 78 1350               .3       0.350    0.925     4.150     0.074       3.000      3.999    3.225    7.224    804.0    308.0
27 03 78 1330               .3       0.105    0.285     0.850     0.037       2.060      2.382    0.565    2.947    328.0     58.0
19 04 78 1200               .3       0.161    0.435     1.280     0.069       3.100      3.604    0.845    4.449    396.0     32.5
26 04 78 1130               .3       0.101    0.235     0.800     0.083       1.920      2.238    0.565    2.803    356.0     21.5
30 05 78 1300               .3       0.004    0.225     0.825     0.420       2.080      2.725    0.600    3.325    380.0     36.0
27 06 78 1220               .3       0.250    0.235     0.950     0.370       2.200      2.805    0.715    3.520    438.0     57.0
31 07 78 1220               .3       0.128    0.025     1.400     0.415      18.600     19.040    1.375   20.415    592.0     20.0
29 08 78 1200               .3       0.355    0.075     0.940     0.079       3.370      3.524    0.865    4.389    510.0     93.0
27 09 78 1210               .3       0.251    0.065     0.750     0.149       3.700      3.914    0.685    4.599    408.0     40.0
23 10 78 1200               .3       0.197    0.655     1.500     0.247       4.290      5.192    0.845    6.037    492.0     25.0
21 11 78 1200               .3       0.083    0.615     1.400     0.059       2.840      3.514    0.785    4.299    418.0     16.5

                     MAXIMUM         0.355    0.925     4.150     0.420      18.600     19.040    3.225   20.415    804.0    308.0
           AVG OR GEOM MN (*)        0.189    0.345     1.483     0.176       4.330      4.851    1.138    5.989    474.7     75.5
                     MINIMUM         0.004    0.025     0.750     0.037       1.920      2.238    0.565    2.803    328.0     16.5

                NO OF SAMPLES           12       12        12        12          12         12       12       12       12       12

                                         7       14        16        56          59        280       55      208       25       47
SAMP DTE HOUR  STN  STN SAMP  PJ     DISS.    COND.     TURB.  CHLORIDE    SULPHATE   REACTIVE       PH    TOTAL  PHENOLS  ORGANIC
DY MO YR LMT   DIST BRG DEPTH       SOLIDS      25C  FORMAZIN      MG/L                SILICATE   AT LAB     IRON            C AS C
               FEET       MTRS        MG/L    UMHOS     UNITS                    MG/L   SI MG/L              MG/L     UG/L     MG/L




24 01 78 1340               .3         376      680    200.00      27.0        54.0       2.60     7.88    9.000      2.0     21.0
02 03 78 1350               .3         496      825    330.00     115.0        52.0       2.45     7.73   13.900      1.5     12.0
27 03 78 1330               .3         270      437     54.00      20.5        28.0       1.90     7.93    1.300      1.0      4.0
19 04 78 1200               .3         363      580     31.00      35.5        39.0       2.35     7.98    1.580      2.0      4.6
26 04 78 1130               .3         335      570      4.30      33.5        30.0       0.55     8.32    0.220      1.0L     4.4
30 05 78 1300               .3         344      590     19.00      39.5        39.0       0.80     8.07    1.100      1.0L
27 06 78 1220               .3         381      605     26.00      43.0        46.0       0.80     7.32               1.0     53.7
31 07 78 1220               .3         572      665      8.50      33.0        55.0                8.27    2.060
29 08 78 1200               .3         417      605    130.00      43.5        49.0       2.25     8.12    5.850      1.0      5.7
27 09 78 1210               .3         368      565     29.00      39.0        48.0       2.00     8.08    1.580      1.0L
23 10 78 1200               .3         467      682      8.20      60.0        64.0       0.90     7.88    1.000      3.0      6.4
21 11 78 1200               .3         401      665      5.50      58.0        52.0       2.12     8.19    0.520      1.0L

                     MAXIMUM           572      825    330.00     115.0        64.0       2.60     8.32   13.900      3.0     53.7
           AVG OR GEOM MN (*)          399      622     70.46      45.6        46.3       1.70     7.98    3.465      1.4D    14.0
                     MINIMUM           270      437      4.30      20.5        28.0       0.55     7.32    0.220      1.0      4.0

                NO OF SAMPLES           12       12        12        12          12         11       12       11       11        8

                                        41      361       265       235         221        225      229      215      249      238
SAMP DTE HOUR  STN  STN SAMP  PJ       COD  SOLVENT     TOTAL     TOTAL       TOTAL      TOTAL    TOTAL    TOTAL    TOTAL    TOTAL
DY MO YR LMT   DIST BRG DEPTH               EXTRBLES  ARSENIC   MERCURY    CHROMIUM     COPPER     LEAD  CADMIUM     ZINC  . NICKEL
               FEET       MTRS        MG/L     MG/L      MG/L      UG/L        MG/L       MG/L     MG/L     MG/L     MG/L     MG/L

24 01 78 1340               .3          55              0.001                0.020L      0.060   0.030L   0.005L    0.080   0.020L
02 03 78 1350               .3          71
27 03 78 1330               .3          24
19 04 78 1200               .3          25        0     0.001     0.040      0.020L      0.010   0.030L   0.005L    0.020   0.020L
26 04 78 1130               .3          20
30 05 78 1300               .3          27
27 06 78 1220               .3          30
31 07 78 1220               .3          45
29 08 78 1200               .3          22
27 09 78 1210               .3          16
23 10 78 1200               .3          33
21 11 78 1200               .3          33

                     MAXIMUM            71        0     0.001     0.040       0.020      0.060    0.030    0.005    0.080    0.020
           AVG OR GEOM MN (*)           33        0     0.001     0.040       0.020D     0.035    0.030D   0.005D   0.050    0.020D
                     MINIMUM            16        0     0.001     0.040       0.020      0.010    0.030    0.005    0.020    0.020

                NO OF SAMPLES           12        1         2         1           2          2        2        2        2        2
 B.O.W./ SITE: KETTLE CREEK TRIBUTARY                                                          STATION ID:   16-0087-011-02
 SAMPLE POINT: 2 MILES EAST OF UNION
 STATION TYPE: RIVER
                                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                  MINOR BASIN: LAKE ERIE                                          003
                                                  TERM STREAM: KETTLE CREEK                                       1660

STN NO:      11     LAT:                LONG:       U T M: 17 0487850.0 4727900.0 4    REGION: 01          MILEAGE:     9.20

                                       934      901      80        81        84        88       805        3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE        SCD    TOTAL     FECAL      M.F.    PSEUD.    WATER      DISS.    5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH             NO          COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2       BOD         P
                FEET        MTRS                       MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L

24 01 78 1300                .3       41508     4        400.      112.       68.       4.  L    1.0        9.0       0.8     0.057
02 03 78 1310                .3       41521     4       2100.      136.       12.       4.  L    2.0       13.0       1.4     0.040
27 03 78 1300                .3       41534     6      31000.      260.      410.      88.       0.0        9.0       1.4     0.106
26 04 78 1030                .3       41547     6       2100.      140.       50.       4.  L   11.0        8.0       1.0     0.042
30 05 78 1240                .3       41560     6                                              24.0        7.0       1.9     0.107
27 06 78 1200                .3       41573     6      24000.     1160.      416.       4.  L   24.0        7.5       1.7     0.121
31 07 78 1200                .3       41587     6       2600.      330.      330.       4.  L   15.5        8.0       0.8     0.091
29 08 78 1200                .3       41561     6      14700.     1500.  G  1500.  G   52.                           1.0     0.095
27 09 78 1155                .3       41575     6      28000.     1900.     3100.       4.  L   14.0        8.0       2.8     0.102

                       MAXIMUM                         31000.     1900.     3100.      88.      24.0       13.0       2.8     0.121
           AVG OR GEOM MN (*)                          5868.*     396.* U   239.* U     8.* D   11.4        8.7       1.4     0.085
                       MINIMUM                           400.      112.       12.       4.       0.0        7.0       0.8     0.040

                NO OF SAMPLES                              8         8         8         8         8          8         9         9

                                       34       19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED  FILTERED    TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH      REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS    SOLIDS
                FEET        MTRS      P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 1300                .3       0.020     0.115     0.400     0.027     3.700     3.842     0.285     4.127     342.0      23.0
02 03 78 1310                .3       0.019     0.100     0.310     0.022     3.600     3.722     0.210     3.932     320.0       6.0
27 03 78 1300                .3       0.042     0.180     0.680     0.023     1.980     2.183     0.500     2.683
26 04 78 1030                .3       0.015     0.035     0.335     0.019     1.910     1.964     0.300     2.264
30 05 78 1240                .3       0.034     0.115     0.645     0.079     1.400     1.594     0.530     2.124     308.0      27.5
27 06 78 1200                .3       0.032     0.085     0.665     0.061     1.420     1.566     0.580     2.146     370.0      36.5
31 07 78 1200                .3       0.045     0.050     0.470     0.031     1.250     1.331     0.420     1.751     350.0      16.0
29 08 78 1200                .3      48.000     0.030     0.675     0.035     1.080     1.145     0.645     1.790
27 09 78 1155                .3       0.020     0.095     0.920     0.047     2.020     2.162     0.825     2.987

                       MAXIMUM       48.000     0.180     0.920     0.079     3.700     3.842     0.825     4.127     370.0      36.5
           AVG OR GEOM MN (*)         5.359     0.089     0.567     0.038     2.040     2.168     0.477     2.645     338.0      21.8
                       MINIMUM        0.015     0.030     0.310     0.019     1.080     1.145     0.210     1.751     308.0       6.0

                NO OF SAMPLES             9         9         9         9         9         9         9         9         5         5

                                        7        14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ     DISS.     COND.     TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH       SOLIDS      25C  FORMAZIN      MG/L
                FEET        MTRS       MG/L     UMHOS     UNITS

24 01 78 1300                .3         319       605      9.60      12.0
02 03 78 1310                .3         314       615      3.70      13.0
27 03 78 1300                .3                   505     19.00      16.5
26 04 78 1030                .3                   520      5.40      14.5
30 05 78 1240                .3         281       462     11.00      13.5
27 06 78 1200                .3         334       505     15.00      12.5




31 07 78 1200                .3         334       535      5.20      12.0
29 08 78 1200                .3                   545      5.50      13.5
27 09 78 1155                .3                   555     18.00      13.0

                       MAXIMUM          334       615     19.00      16.5
           AVG OR GEOM MN (*)           316       539     10.27      13.4
                       MINIMUM          281       462      3.70      12.0

                NO OF SAMPLES             5         9         9         9


 B.O.W./ SITE: KETTLE CREEK                                                                    STATION ID:   16-0087-012-02
 SAMPLE POINT: AT ELGIN COUNTY ROAD 45
 STATION TYPE: RIVER
                                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                  MINOR BASIN: LAKE ERIE                                          003
                                                  TERM STREAM: KETTLE CREEK                                       1660

STN NO:      12     LAT:                LONG:       U T M: 17 0482550.0 4731350.0 4    REGION: 01          MILEAGE:    10.60

                                       934      901      80        81        84        88       805        3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE        SCD    TOTAL     FECAL      M.F.    PSEUD.    WATER      DISS.    5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH             NO          COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2       BOD         P
                FEET        MTRS                       MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L      MG/L

24 01 78 1415                .3       41511     4      10000.      220.      310.       4.  L    1.0        7.0       2.4     0.244
02 03 78 1425                .3       41524     4      56000.      960.      390.      24.       3.0        8.0       4.4     0.292
27 03 78 1410                .3       41537     6        100.  L    10.  L   180.       4.  L    0.0        8.0       3.2     0.194
26 04 78 1240                .3       41550     6       7600.      128.      120.       4.  L   11.0       10.0       2.1     0.096
30 05 78 1440                .3       41563     6                                              23.0        9.0
27 06 78 1400                .3       41576     6      10000.      130.     1440.       4.      22.0                  4.1     0.260
30 07 78 1250                .3       41590     6       7600.     1370.      340.       4.                            1.5     0.166
29 08 78 1200                .3       41564     6      48000.     1500.  G  1390.     600.  G                         2.2     0.228
27 09 78 1330                .3       41578     6      58000.     7800.      320.     116.      15.0        9.5       0.6     0.015
23 10 78 1335                .3       41591     6       1200.       16.      142.       4.  L   10.0       11.0       1.1     0.086
21 11 78 1335                .3       41604     6     10000E+1G     92.      600.  G   84.                            4.2     0.184

                       MAXIMUM                        10000E+1    7800.     1440.     600.      23.0       11.0       4.4     0.292
           AVG OR GEOM MN (*)                         10077.* E   247.* E   370.* U    15.* E   10.6        8.9       2.6     0.177
                       MINIMUM                           100.       10.      120.       4.       0.0        7.0       0.6     0.015

                NO OF SAMPLES                             10        10        10        10         8          7        10        10
```

(C O N T D)

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT ELGIN COUNTY ROAD 45
STATION TYPE: RIVER

STATION ID: 16-0087-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 12 LAT: LONG: U T M: 17 0482550.0 4731350.0 4 REGION: 01 MILEAGE: 10.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1415			.3		0.202	0.480	0.820	0.063	3.800	4.343	0.340	4.683	310.0	4.5
02 03 78 1425			.3		0.240	0.830	1.180	0.100	3.000	3.930	0.350	4.280	514.0	5.0
27 03 78 1410			.3		0.104	0.255	0.910	0.037	2.060	2.352	0.655	3.007	330.0	44.0
26 04 78 1240			.3		0.049	0.225	0.835	0.041	1.920	2.186	0.610	2.796	358.0	17.0
27 06 78 1400			.3		0.231	0.975	1.200	0.420	2.500	3.895	0.225	4.120	426.0	5.0
30 07 78 1250			.3		0.120	0.075	0.450	0.123	2.620	2.818	0.375	3.193	414.0	13.0
29 08 78 1200			.3		0.130	0.090	0.670	0.067	2.480	2.637	0.580	3.217	404.0	6.0
27 09 78 1330			.3		0.005	0.010	0.150	0.005	2.070	2.085	0.140	2.225	474.0	4.0
23 10 78 1335			.3		0.051	0.270	0.045	0.037	1.790	2.097	0.225	1.872	504.0	14.0
21 11 78 1335			.3		0.091	0.710	1.420	0.045	2.960	3.715	0.710	4.425	422.0	11.0
MAXIMUM					0.240	0.975	1.420	0.420	3.800	4.343	0.710	4.683	514.0	44.0
AVG OR GEOM MN (*)					0.122	0.392	0.768	0.094	2.520	3.006	0.421	3.382	415.6	12.4
MINIMUM					0.005	0.010	0.045	0.005	1.790	2.085	0.140	1.872	310.0	4.0
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	25 PHENOLS UG/L
24 01 78 1415			.3		305	675	4.60	36.0	1.0
02 03 78 1425			.3		509	920	3.30	100.0	1.5
27 03 78 1410			.3		286	475	43.00	28.5	1.0
26 04 78 1240			.3		341	600	3.60	37.5	1.0L
27 06 78 1400			.3		421	640	2.10	41.5	
30 07 78 1250			.3		401	635	4.10	39.5	1.0L
29 08 78 1200			.3		398	645	5.30	40.0	
27 09 78 1330			.3		470	740	1.60	62.0	1.0L
23 10 78 1335			.3		490	730	1.70	55.0	2.0
21 11 78 1335			.3		411	698	6.60	58.0	1.0
MAXIMUM					509	920	43.00	100.0	2.0
AVG OR GEOM MN (*)					403	676	7.59	49.8	1.2D
MINIMUM					286	475	1.60	28.5	1.0
NO OF SAMPLES					10	10	10	10	8

B.O.W./ SITE: DODD CREEK
SAMPLE POINT: AT HIGHWAY 3 ST THOMAS
STATION TYPE: RIVER

STATION ID: 16-0087-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 13 LAT: LONG: U T M: 17 0482200.0 4736850.0 4 REGION: 01 MILEAGE: 14.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 0825			.3		41500	6	16000.	170.	350.	4. L	2.0	9.5	3.3	0.085
02 03 78 0905			.3		41513	4	3700.	188.	230.	4. L	3.0	10.0	12.0	0.140
27 03 78 0900			.3		41526	6	3700.	190.	1400.	4. L	0.0	8.0	2.4	0.138
26 04 78 1500			.3		41539	6	1900.	4.	30.	4. L	17.0	10.6	1.9	0.066
30 05 78 0850			.3		41552	6	11300.	600. G	428.	4.	22.0	6.5	1.2	0.054
27 06 78 0900			.3		41565	6	2800.	1060.	1340.	4. L	23.0	5.0	0.8	0.530
31 07 78 0900			.3		41579	6	3700.	250.	380.	4. L	18.0	5.0	1.6	0.286
29 08 78 0850			.3		41593	6	35000. G	1160.	390.	96.	22.0	4.0	0.8	0.370
27 09 78 0830			.3		41567	6	16000.	1300.	340.	4. L	13.0	8.0	2.4	0.262
23 10 78 0830			.3		41581	6	100. L	10. L	130.	4. L	10.0	9.0	1.6	0.276
21 11 78 0830			.3		41594	6	8900.	500.	1500. G	16.			1.3	0.148
MAXIMUM							35000.	1300.	1500.	96.	23.0	10.6	12.0	0.530
AVG OR GEOM MN (*)							4692.* E	206.* E	372.* U	6.* D	13.0	7.6	2.7	0.214
MINIMUM							100.	4.	30.	4.	0.0	4.0	0.8	0.054
NO OF SAMPLES							11	11	11	11	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 C1 78 0825			.3		0.065	0.235	0.680	0.064	2.900	3.199	0.445	3.644	380.0	5.0
02 03 78 0905			.3		0.086	0.080	0.595	0.225	1.850	2.155	0.515	2.670	426.0	14.0
27 03 78 0900			.3		0.077	0.195	0.810	0.035	2.130	2.360	0.615	2.975		
26 04 78 1500			.3		0.018	0.045	0.445	0.044	0.970	1.059	0.400	1.459		
30 05 78 0850			.3		0.011	0.055	0.840	0.027	0.400	0.482	0.785	1.267	352.0	13.0
27 06 78 0900			.3		0.350	0.005	0.670	0.005	0.010L	0.020	0.665	0.685	424.0	6.5
31 07 78 0900			.3		0.197	0.205	1.170	0.172	1.030	1.407	0.965	2.372		
29 08 78 0850			.3		0.200	0.005L	0.720	0.005	0.010L	0.020	0.715	0.735		
27 09 78 0830			.3		0.139	0.055	0.830	0.031	0.640	0.726	0.775	1.501		
23 10 78 0830			.3		0.177	0.035	0.630	0.006	0.040	0.081	0.595	0.676		
21 11 78 0830			.3		0.093	0.065	0.820	0.055	5.300	5.420	0.755	6.175		
MAXIMUM					0.350	0.235	1.170	0.225	5.300	5.420	0.965	6.175	426.0	14.0
AVG OR GEOM MN (*)					0.128	0.089D	0.746	0.061	1.389D	1.539	0.657	2.196	395.5	9.6
MINIMUM					0.011	0.005	0.445	0.005	0.010	0.020	0.400	0.676	352.0	5.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	4	4

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
24 01 78 0825			.3		375	680	4.50	29.5	7.78	1.5
02 03 78 0905			.3		412	770	4.20	32.0	7.55	1.5
27 03 78 0900			.3			419	34.00	19.0		1.5
26 04 78 1500			.3			560	8.00	33.0		2.0
30 05 78 0850			.3		339	585	10.00	38.0	7.73	1.0L
27 06 78 0900			.3		418	680	14.00	60.0		7.5
31 07 78 0900			.3			515	24.00	43.0		1.0L
29 08 78 0850			.3			655	21.00	48.5		1.0L
27 09 78 0830			.3			610	37.00	55.0		1.0L
23 10 78 0830			.3			682	26.00	75.0		5.0
21 11 78 0830			.3			845	26.00	108.0		1.0L
MAXIMUM					418	845	37.00	108.0	7.78	7.5
AVG OR GEOM MN (*)					386	636	18.97	49.2	7.69	2.2D
MINIMUM					339	419	4.20	19.0	7.55	1.0
NO OF SAMPLES					4	11	11	11	3	11

B.O.W./ SITE: TRIBUTARY TO DODDS CREEK
SAMPLE POINT: AT MIDDLESEX COUNTY RD 35 EAST OF GLANWORTH
STATION TYPE: RIVER

STATION ID: 16-0087-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 14 LAT: LONG: U T M: 17 0482050.0 4745600.0 4 REGION: 01 MILEAGE: 28.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
31 07 78 1500			.3		41592	6	2500.	580.	630.	4. L	20.0	2.2	0.238	0.128
21 11 78 1420			.3		41606	6	14300.	600. G	600. G	8.		1.4	0.186	0.180
MAXIMUM							14300.	600.	630.	8.	20.0	2.2	0.238	0.180
AVG OR GEOM MN (*)							5979.*	590.* U	615.* U	6.* D	20.0	1.8	0.212	0.154
MINIMUM							2500.	580.	600.	4.	20.0	1.4	0.186	0.128
NO OF SAMPLES							2	2	2	2	1	2	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
31 07 78 1500			.3		0.025	1.400	0.415	18.600	19.040	1.375	20.415	592.0	20.0	572
21 11 78 1420			.3		0.045	1.000	0.023	5.730	5.798	0.955	6.753	494.0	19.0	475
MAXIMUM					0.045	1.400	0.415	18.600	19.040	1.375	20.415	592.0	20.0	572
AVG OR GEOM MN (*)					0.035	1.200	0.219	12.165	12.419	1.165	13.584	543.0	19.5	524
MINIMUM					0.025	1.000	0.023	5.730	5.798	0.955	6.753	494.0	19.0	475
NO OF SAMPLES					2	2	2	2	2	2	2	2	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
31 07 78 1500			.3		665	8.50	33.0	55.0	8.27	2.060	45			
21 11 78 1420			.3		681	14.00	43.0			0.800		0.001	0.440	0.020L
MAXIMUM					681	14.00	43.0	55.0	8.27	2.060	45	0.001	0.440	0.020
AVG OR GEOM MN (*)					673	11.25	38.0	55.0	8.27	1.430	45	0.001	0.440	0.020D
MINIMUM					665	8.50	33.0	55.0	8.27	0.800	45	0.001	0.440	0.020
NO OF SAMPLES					2	2	2	1	1	2	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
21 11 78 1420			.3		0.010	0.030L	0.005L	0.010	0.020L	0.020L
MAXIMUM					0.010	0.030	0.005	0.010	0.020	0.020
AVG OR GEOM MN (*)					0.010	0.030D	0.005D	0.010	0.020D	0.020D
MINIMUM					0.010	0.030	0.005	0.010	0.020	0.020
NO OF SAMPLES					1	1	1	1	1	1

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT COUNTY ROAD NO 31 NORTH OF ST THOMAS
STATION TYPE: RIVER

STATION ID: 16-0087-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO: 15 LAT: LONG: U T M: 17 0486000.0 4739700.0 4 REGION: 01 MILEAGE: 18.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
26 04 78 1540			.3		41541	6	510.	4.	30.	4. L	16.0	7.0	1.8	0.056
30 05 78 0920			.3		41554	6	120.	4. L	4.	4. L	22.0	10.0	2.8	0.073
27 06 78 0910			.3		41567	6	30.	8.	12.	4. L	24.0	8.0	2.0	0.104
31 07 78 0920			.3		41581	6	1400.	108.	436.	12.	18.0	7.0	1.8	0.112
29 08 78 0930			.3		41595	6	15000.	30.	20.	4.	22.0	7.5	1.6	0.120
27 09 78 0920			.3		41569	6	1700.	30.	50.	4. L	14.0	8.0	2.8	0.134
23 10 78 0910			.3		41583	6	800.	40.	20.	4. L	11.0	9.0	1.2	0.108
21 11 78 0910			.3		41596	6	10700.	524.	600. G	12.			2.0	0.140
MAXIMUM							15000.	524.	600.	12.	24.0	10.0	2.8	0.140
AVG OR GEOM MN (*)							930.*	27.* D	41.* U	5.* D	18.1	8.1	2.0	0.106
MINIMUM							30.	4.	4.	4.	11.0	7.0	1.2	0.056
NO OF SAMPLES							8	8	8	8	7	7	8	8

(C O N T D)

```
                                                                                      STATION ID:  16-0087-015-02
B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT COUNTY ROAD NO 31 NORTH OF ST THOMAS
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                     003
                                                      TERM STREAM: KETTLE CREEK                                  1660

STN NO:      15    LAT:             LONG:             U T M: 17 0486000.0 4739700.0 4    REGION: 01       MILEAGE:    18.60

                                      34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS    P MG/L        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

26 04 78 1540               .3     0.005     0.015     0.405     0.014     1.100     1.129     0.390     1.519
30 05 78 0920               .3     0.005     0.095     0.835     0.025     0.180     0.300     0.740     1.040     304.0      16.5
27 06 78 0910               .3     0.007     0.055     1.040     0.003     0.010L    0.068     0.985     1.053     340.0      17.0
31 07 78 0920               .3     0.050     0.085     0.800     0.101     1.150     1.336     0.715     2.051
29 08 78 0930               .3     0.019     0.135     0.830     0.016     0.070     0.221     0.695     0.916
27 09 78 0920               .3     0.043     0.135     0.840     0.019     0.230     0.384     0.705     1.089
23 10 78 0910               .3     0.017     0.065     0.770     0.009     0.260     0.334     0.705     1.039
21 11 78 0910               .3     0.071     0.085     0.900     0.081    10.400    10.566     0.815    11.381

                       MAXIMUM     0.071     0.135     1.040     0.101    10.400    10.566     0.985    11.381     340.0      17.0
           AVG OR GEOM MN (*)      0.027     0.084     0.803     0.034     1.675D    1.792     0.719     2.511     322.0      16.8
                       MINIMUM     0.005     0.015     0.405     0.003     0.010     0.068     0.390     0.916     304.0      16.5

               NO OF SAMPLES           8         8         8         8         8         8         8         8         2         2

                                       7        14        16        56        55        25
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.     COND.     TURB.  CHLORIDE        PH   PHENOLS
DY MO YR LMT   DIST BRG DEPTH      SOLIDS       25C  FORMAZIN      MG/L    AT LAB
               FEET       MTRS       MG/L     UMHOS     UNITS                           UG/L

26 04 78 1540               .3                  484     19.00      16.5                1.0
30 05 78 0920               .3         288      486     14.00      20.5      8.36      1.0L
27 06 78 0910               .3                  515     16.00      22.0                1.0
31 07 78 0920               .3                  440     40.00      17.0                4.5
29 08 78 0930               .3                  492     28.00      15.5                1.0L
27 09 78 0920               .3                  560     31.00      27.0                1.0L
23 10 78 0910               .3                  599     29.00      38.0                4.5
21 11 78 0910               .3                  680     20.00      36.0                1.0L

                       MAXIMUM         288      680     40.00      38.0      8.36      4.5
           AVG OR GEOM MN (*)          288      532     24.63      24.1      8.36      1.9D
                       MINIMUM         288      440     14.00      15.5      8.36      1.0

               NO OF SAMPLES             1        8         8         8         1         8
```

```
                                                                                      STATION ID:  16-0097-003-02
B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: AT CONCESSION ROAD 2 MILES EAST OF SPARTA
STATION TYPE: RIVER    FLOW GAUGE FED 02GC018         MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                     003
                                                      TERM STREAM: CATFISH CREEK                                 1570

STN NO:       3    LAT:             LONG:             U T M: 17 0496250.0 4727550.0 4    REGION: 01       MILEAGE:     3.20

                                     934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE         SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH         NO                        COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET       MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

24 01 78 1140               .3     41507   4           46.60     1200.       68.       88.       4.  L     1.0       7.5       1.0
02 03 78 1235               .3     41520   4           35.00      230.       12.       24.       4.  L     3.0       8.0       1.3
27 03 78 1220               .3     41533   6          358.00     9400.      310.      300.       4.  L     0.0       8.5       1.8
26 04 78 1015               .3     41546   6           67.40      480.        4.  L    10.  L    4.  L    10.0       8.0       2.6
30 05 78 1230               .3     41559   6           25.70                                              24.0      10.0       2.3
27 06 78 1135               .3     41572   6           11.90      900.      264.      136.       4.  L    23.0       7.5       1.8
31 07 78 1130               .3     41586   6           11.10      800.      124.      160.       4.  L    19.0      10.0       2.8
29 08 78 1200               .3     41560   6           18.20     9300.      550.     1500.  G   28.                             1.2
27 09 78 1110               .3     41574   6            1.70     2800.       60.       20.       4.  L    16.0      10.0       2.0
23 10 78 1130               .3     41588   6            8.30      600.       20.       16.       4.  L    10.0      11.0       1.3
21 11 78 1130               .3     41601   6           25.60    11300.      152.      600.  G    4.  L                        1.1

                       MAXIMUM                        358.00    11300.      550.     1500.       28.      24.0      11.0       2.8
           AVG OR GEOM MN (*)                          55.41     1659.*      71.* D    91.* E    5.* D   11.8       8.9       1.7
                       MINIMUM                          1.70      230.        4.       10.       4.        0.0       7.5       1.0

               NO OF SAMPLES                              11        10        10        10        10         9         9        11

                                      33        34        19        20        21        22        17        18        23         5
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS
               FEET       MTRS        MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L

24 01 78 1140               .3     0.180     0.155     0.375     0.680     0.026     2.500     2.901     0.305     3.206     362.0
02 03 78 1235               .3     0.260     0.254     0.525     0.790     0.021     2.080     2.626     0.265     2.891     386.0
27 03 78 1220               .3     0.186     0.096     0.285     0.900     0.031     2.040     2.356     0.615     2.971     368.0
26 04 78 1015               .3     0.060     0.007     0.015     0.470     0.022     1.300     1.337     0.455     1.792     336.0
30 05 78 1230               .3     0.060     0.009     0.030     0.560     0.037     0.600     0.667     0.530     1.197     328.0
27 06 78 1135               .3     0.086     0.008     0.005L    0.665     0.012     0.160     0.177     0.660     0.837     384.0
31 07 78 1130               .3     0.112     0.039     0.005L    0.660     0.006     0.080     0.091     0.655     0.746     552.0
29 08 78 1200               .3     0.142     0.030     0.010     0.640     0.010     0.180     0.200     0.630     0.830     364.0
27 09 78 1110               .3     0.052     0.011     0.025     0.350     0.005     0.140     0.170     0.325     0.495     356.0
23 10 78 1130               .3     0.090     0.041     0.005     0.500     0.011     0.280     0.296     0.495     0.791     404.0
21 11 78 1130               .3     0.116     0.073     0.115     0.810     0.089     7.360     7.564     0.695     8.259     436.0

                       MAXIMUM     0.260     0.254     0.525     0.900     0.089     7.360     7.564     0.695     8.259     552.0
           AVG OR GEOM MN (*)      0.122     0.066     0.127D    0.639     0.025     1.520     1.671     0.512     2.183     388.7
                       MINIMUM     0.052     0.007     0.005     0.350     0.005     0.080     0.091     0.265     0.495     328.0

               NO OF SAMPLES          11        11        11        11        11        11        11        11        11        11
```

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
24 01 78	1140			.3		9.5	352	620	6.80	21.5	60.0	2.90	8.01	0.160	1.0L
02 03 78	1235			.3		5.0	381	670	3.00	30.0	54.0	2.90	7.90	0.310	1.0L
27 03 78	1220			.3		61.0	307	476	49.00	20.5	35.0	2.15	8.04	1.600	1.0
26 04 78	1015			.3		13.5	323	540	2.70	22.5	48.0	0.65	8.48	0.180	1.0L
30 05 78	1230			.3		12.0	316	535	5.00	22.0	47.0	0.70	8.37	0.370	1.0L
27 06 78	1135			.3		23.0	361	545	8.20	21.0	50.0	1.90	8.30		2.0
31 07 78	1130			.3		132.0	420	530	51.00	24.0	43.0	3.60	8.38	1.780	1.0L
29 08 78	1200			.3		49.0	315	535	58.00	19.5	42.0	3.60	8.16	2.360	1.0L
27 09 78	1110			.3		17.0	339	550	4.70	24.0	58.0	1.70	8.19	0.540	1.0L
23 10 78	1130			.3		13.0	391	585	4.00	28.5	61.0	1.00	8.07	0.380	1.5
21 11 78	1130			.3		15.5	420	635	6.00	35.5	60.0	3.56	8.30	0.640	1.0L
MAXIMUM						132.0	420	670	58.00	35.5	61.0	3.60	8.48	2.360	2.0
AVG OR GEOM MN (*)						31.9	357	566	18.04	24.5	50.7	2.24	8.20	0.832	1.1D
MINIMUM						5.0	307	476	2.70	19.5	35.0	0.65	7.90	0.160	1.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	10	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
24 01 78	1140			.3		5.0	13		0.001L	0.030	0.030	0.030L	0.005L	0.040	0.020L
02 03 78	1235			.3		3.0	20								
27 03 78	1220			.3		4.0	26								
26 04 78	1015			.3		41.	13								
30 05 78	1230			.3			17								
27 06 78	1135			.3		55.0	18								
31 07 78	1130			.3		28.4	23								
29 08 78	1200			.3		4.1	16								
27 09 78	1110			.3			39								
23 10 78	1130			.3		4.7	176	1							
21 11 78	1130			.3			25								
MAXIMUM						55.0	176	1	0.001	0.030	0.030	0.030	0.005	0.040	0.020
AVG OR GEOM MN (*)						18.2	35	1	0.001D	0.030	0.030	0.030D	0.005D	0.040	0.020D
MINIMUM						3.0	13	1	0.001	0.030	0.030	0.030	0.005	0.040	0.020
NO OF SAMPLES						8	11	1	1	1	1	1	1	1	1

B.O.W./ SITE: CATFISH CREEK WEST
SAMPLE POINT: AT FIRST CONCESSION NORTH OF HIGHWAY 3
STATION TYPE: RIVER

STATION ID: 16-0097-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK

STORET CODE: 02
003
1570

STN NO: 4 LAT: LONG: U T M: 17 0493660.0 4737375.0 4 REGION: 01 MILEAGE: 16.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1000			.3		41504	4	3500.	88.	136.	4. L	1.0	10.0	1.0	0.100
02 03 78	1030			.3		41517	4	400.	84.	310.	4. L	3.0	8.0	2.6	0.270
27 03 78	1010			.3		41530	6	6800.	210.	1140.	4. L	0.0	10.0	2.2	0.154
26 04 78	0830			.3		41543	6	1000.	12.	60.	4. L	11.0	6.0	1.2	0.035
30 05 78	1015			.3		41556	6	5800.	316.	100.	4. L	23.0	6.0	2.4	0.064
27 06 78	0950			.3		41569	6	100. L	10.	40.	4. L	23.0	5.0	1.8	0.104
31 07 78	0950			.3		41583	6	4900.	404.	592.	4. L	17.0	6.0	2.4	0.158
29 08 78	0955			.3		41597	6	4200.	320.	260.	12.	22.0	4.5	2.2	0.120
27 09 78	0950			.3		41571	6	1400.	430.	220.	4. L	14.0	7.0	3.0	0.128
23 10 78	0940			.3		41585	6	1200.	132.	56.	4. L	10.0	8.5	1.5	0.086
21 11 78	0940			.3		41598	6	12000.	80.	1500. G	4. L			2.5	0.132
MAXIMUM								12000.	430.	1500.	12.	23.0	10.0	3.0	0.270
AVG OR GEOM MN (*)								2021.* D	112.*	209.* U	4.* D	12.4	7.1	2.1	0.123
MINIMUM								100.	10.	40.	4.	0.0	4.5	1.0	0.035
NO OF SAMPLES								11	11	11	11	10	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1000			.3		0.085	0.330	0.720	0.040	4.600	4.970	0.390	5.360	366.0	9.0
02 03 78	1030			.3		0.186	0.755	1.280	0.028	3.600	4.383	0.525	4.908	486.0	77.0
27 03 78	1010			.3		0.086	0.335	1.130	0.036	2.370	2.741	0.795	3.536		
26 04 78	0830			.3		0.016	0.035	0.460	0.029	1.970	2.034	0.425	2.459		
30 05 78	1015			.3		0.005	0.075	0.620	0.059	1.480	1.614	0.545	2.159	354.0	27.0
27 06 78	0950			.3		0.011	0.055	1.010	0.005	0.010L	0.070	0.955	1.025	366.0	26.0
31 07 78	0950			.3		0.034	0.055	1.130	0.029	0.260	0.344	1.075	1.419		
29 08 78	0955			.3		0.012	0.030	1.090	0.005	0.010L	0.045	1.060	1.105		
27 09 78	0950			.3		0.041	0.055	0.990	0.009	0.060	0.123	0.935	1.058		
23 10 78	0940			.3		0.012	0.025	1.110	0.040	1.430	1.495	1.085	2.580		
21 11 78	0940			.3		0.077	0.080	0.950	0.103	14.900	15.083	0.870	15.953		
MAXIMUM						0.186	0.755	1.280	0.103	14.900	15.083	1.085	15.953	486.0	77.0
AVG OR GEOM MN (*)						0.051	0.166	0.954	0.035	2.790D	2.991	0.787	3.778	393.0	34.8
MINIMUM						0.005	0.025	0.460	0.005	0.010	0.045	0.390	1.025	354.0	9.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	4	4

(C O N T D)

STATION ID: 16-0097-004-02

B.O.W./ SITE: CATFISH CREEK WEST
SAMPLE POINT: AT FIRST CONCESSION NORTH OF HIGHWAY 3
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK

STORET CODE: 02
003
1570

STN NO: 4 LAT: LONG: U T M: 17 0493660.0 4737375.0 4 REGION: 01 MILEAGE: 16.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78 1000			.3		357	625	7.80	23.0	8.02
02 03 78 1030			.3		409	725	56.00	28.0	7.92
27 03 78 1010			.3			404	64.00	15.0	
26 04 78 0830			.3			489	26.00	19.5	
30 05 78 1015			.3		327	542	21.00	26.0	7.94
27 06 78 0950			.3		340	515	22.00	34.0	
31 07 78 0950			.3			535	39.00	52.0	
29 08 78 0955			.3			472	23.00	33.0	
27 09 78 0950			.3			471	38.00	28.0	
23 10 78 0940			.3			710	21.00	80.0	
21 11 78 0940			.3			710	21.00	46.5	
MAXIMUM					409	725	64.00	80.0	8.02
AVG OR GEOM MN (*)					358	563	30.80	35.0	7.96
MINIMUM					327	404	7.80	15.0	7.92
NO OF SAMPLES					4	11	11	11	3

STATION ID: 16-0097-005-02

B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: AT HIGHWAY NO 3 WEST OF ORWELL
STATION TYPE: RIVER FLOW GAUGE MOE 02GC110

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK

STORET CODE: 02
003
1570

STN NO: 5 LAT: LONG: U T M: 17 0496475.0 4735675.0 4 REGION: 01 MILEAGE: 15.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1030			.3		41505	4	32000.	1050.	890.	4. L	2.0	7.5	1.9	0.450
02 03 78 1115			.3		41518	4	8700.	930.	380.	4. L	3.0	9.0	3.8	0.770
27 03 78 1100			.3		41531	6	13000.	420.	1500.	4. L	0.0	7.5	2.2	0.206
26 04 78 0910			.3		41544	6	2600.	64.	10. L	4. L	10.0	8.5	1.2	0.182
30 05 78 1030			.3		41557	6	10500.	72.	48.	4. L	23.0	7.5	2.0	0.266
27 06 78 1005			.3		41570	6	1700.	292.	268.	4. L	24.0	6.5	2.0	0.294
31 07 78 1030			.3		41584	6	1100.	388.	180.	4. L	18.5	6.5	2.7	0.326
29 08 78 1030			.3		41598	6	4600.	230.	120.	4.	21.5	7.0	1.2	0.380
27 09 78 1020			.3		41572	6	5800.	200.	50.	4. L	14.0	10.0	1.8	0.272
23 10 78 1010			.3		41586	6	2800.	84.	56.	4. L	11.0	7.0	1.8	0.620
21 11 78 1010			.3		41599	6	18800. G	136.	600. G	4. L			2.8	0.215
MAXIMUM							32000.	1050.	1500.	4.	24.0	10.0	3.8	0.770
AVG OR GEOM MN (*)							5820.* U	234.*	164.* E	4.* D	12.7	7.7	2.1	0.362
MINIMUM							1100.	64.	10.	4.	0.0	6.5	1.2	0.182
NO OF SAMPLES							11	11	11	11	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1030			.3		0.040	0.825	1.150	0.028	2.900	3.753	0.325	4.078	384.0	5.5
02 03 78 1115			.3		0.715	1.450	2.100	0.038	1.900	3.388	0.650	4.038	430.0	7.0
27 03 78 1100			.3		0.155	0.435	0.910	0.031	2.130	2.596	0.475	3.071		
26 04 78 0910			.3		0.095	0.045	0.780	0.037	1.830	1.912	0.735	2.647		
30 05 78 1030			.3		0.168	0.150	0.860	0.153	1.400	1.703	0.710	2.413	394.0	7.5
27 06 78 1005			.3		0.213	0.020	0.730	0.047	0.700	0.767	0.710	1.477	422.0	21.5
31 07 78 1030			.3		0.200	0.155	1.030	0.055	0.480	0.690	0.875	1.565		
29 08 78 1030			.3		0.315	0.005L	0.780	0.017	0.270	0.292	0.775	1.067		
27 09 78 1020			.3		0.217	0.015	0.700	0.015	0.600	0.630	0.685	1.315		
23 10 78 1010			.3		0.555	0.005	0.820	0.081	0.870	0.956	0.815	1.771		
21 11 78 1010			.3		0.127	0.135	0.970	0.095	8.800	9.030	0.835	9.865		
MAXIMUM					0.715	1.450	2.100	0.153	8.800	9.030	0.875	9.865	430.0	21.5
AVG OR GEOM MN (*)					0.255	0.295D	0.985	0.054	1.989	2.338	0.690	3.028	407.5	10.4
MINIMUM					0.040	0.005	0.700	0.015	0.270	0.292	0.325	1.067	384.0	5.5
NO OF SAMPLES					11	11	11	11	11	11	11	11	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB	25 PHENOLS UG/L
24 01 78 1030			.3		378	580	3.60	34.0	7.80	
02 03 78 1115			.3		423	770	5.80	44.5	7.73	2.0
27 03 78 1100			.3			520	19.00	26.5	7.85	1.0
26 04 78 0910			.3			600	22.00	33.0	8.27	
30 05 78 1030			.3		387	620	3.70	30.0	8.13	
27 06 78 1005			.3		401	620	8.80	31.0		
31 07 78 1030			.3			515	15.00	35.5	7.92	
29 08 78 1030			.3			645	10.00	38.5	8.08	
27 09 78 1020			.3			625	6.30	34.5	8.26	
23 10 78 1010			.3			690	5.90	46.0		
21 11 78 1010			.3			745	6.40	42.5	8.23	
MAXIMUM					423	770	22.00	46.0	8.27	2.0
AVG OR GEOM MN (*)					397	630	9.68	36.0	8.03	1.5
MINIMUM					378	515	3.60	26.5	7.73	1.0
NO OF SAMPLES					4	11	11	11	9	2

B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: AT ELGIN COUNTY ROAD NO 40 GLENCOLIN
STATION TYPE: RIVER
STATION ID: 16-0097-006-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK
STORET CODE: 02
003
1570

STN NO: 6 LAT: LONG: U T M: 17 0505600.0 4737600.0 4 REGION: 01 MILEAGE: 21.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78	1115			.3		41506	4	5800.	310.	200.	4. L	1.0	10.0	1.1	0.056
02 03 78	1150			.3		41519	4	1300.	120.	280.	4. L	2.0	9.0	1.8	0.132
27 03 78	1130			.3		41532	6	6900.	220.	1420.	4. L	0.0	7.0	2.1	0.122
26 04 78	0940			.3		41545	6	54000. G	140.	90.	8.	10.0	8.0	1.2	0.050
30 05 78	1055			.3		41558	6	1900.	436.	176.	4. L	23.0	7.0	2.2	0.175
27 06 78	1045			.3		41571	6	14000.	1500. G	520.	4. L	22.0	7.5	2.0	0.131
31 07 78	1050			.3		41585	6	40000.	730.	330.	4. L	17.0	8.0	2.4	0.146
29 08 78	1040			.3		41599	6	5100.	1080.	320.	4.	21.0	6.0	1.6	0.082
27 09 78	1050			.3		41573	6	9000.	1400.	1900.	4. L	14.0	8.0	1.1	0.078
23 10 78	1050			.3		41587	6	4100.	560.	140.	4. L	10.0	7.0	1.2	0.077
21 11 78	1050			.3		41600	6	9700.	290.	2700.	4. L			1.9	0.113
MAXIMUM								54000.	1500.	2700.	8.	23.0	10.0	2.4	0.175
AVG OR GEOM MN (*)								7678.* U	445.* U	406.*	4.* D	12.0	7.8	1.7	0.106
MINIMUM								1300.	120.	90.	4.	0.0	6.0	1.1	0.050
NO OF SAMPLES								11	11	11	11	10	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1115			.3		0.037	0.305	0.650	0.027	3.100	3.432	0.345	3.777	374.0	6.0
02 03 78	1150			.3		0.063	0.295	0.680	0.031	2.250	2.576	0.385	2.961	404.0	6.0
27 03 78	1130			.3		0.053	0.280	1.000	0.033	2.330	2.643	0.720	3.363	358.0	30.0
26 04 78	0940			.3		0.005	0.055	0.600	0.014	1.100	1.169	0.545	1.714	384.0	23.0
30 05 78	1055			.3		0.022	0.050	0.995	0.097	1.630	1.777	0.945	2.722	426.0	48.0
27 06 78	1045			.3		0.031	0.105	0.845	0.073	0.680	0.858	0.740	1.598	440.0	38.5
31 07 78	1050			.3		0.047	0.055	0.980	0.025	0.320	0.400	0.925	1.325	442.0	56.0
29 08 78	1040			.3		0.041	0.125	0.990	0.052	0.540	0.717	0.865	1.582	402.0	28.0
27 09 78	1050			.3		0.027	0.040	0.560	0.029	0.620	0.689	0.520	1.209	462.0	16.5
23 10 78	1050			.3		0.016	0.005	0.610	0.019	0.610	0.634	0.605	1.239	484.0	28.0
21 11 78	1050			.3		0.061	0.100	0.600	0.071	8.900	9.071	0.500	9.571	490.0	8.5
MAXIMUM						0.063	0.305	1.000	0.097	8.900	9.071	0.945	9.571	490.0	56.0
AVG OR GEOM MN (*)						0.037	0.129	0.774	0.043	2.007	2.179	0.645	2.824	424.2	26.2
MINIMUM						0.005	0.005	0.560	0.014	0.320	0.400	0.345	1.209	358.0	6.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 78	1115			.3		368	570	5.90	16.5	7.81
02 03 78	1150			.3		398	695	4.60	20.0	7.78
27 03 78	1130			.3		328	515	20.00	17.5	
26 04 78	0940			.3		361	580	8.90	18.5	
30 05 78	1055			.3		378	600	17.00	17.5	7.87
27 06 78	1045			.3		402	590	18.00	15.5	
31 07 78	1050			.3		386	565	15.00	17.0	
29 08 78	1040			.3		374	620	17.00	13.5	
27 09 78	1050			.3		445	630	8.00	19.0	
23 10 78	1050			.3		456	650	7.40	26.5	
21 11 78	1050			.3		482	743	5.40	35.0	
MAXIMUM						482	743	20.00	35.0	7.87
AVG OR GEOM MN (*)						398	614	11.56	19.7	7.82
MINIMUM						328	515	4.60	13.5	7.78
NO OF SAMPLES						11	11	11	11	3

B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: AT PERTH COUNTY ROAD NO 10 SOUTH OF BROWNSVILLE
STATION TYPE: RIVER
STATION ID: 16-0097-007-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK
STORET CODE: 02
003
1570

STN NO: 7 LAT: LONG: U T M: 17 0513475.0 4743350.0 4 REGION: 01 MILEAGE: 31.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 02 78	1110			.3		40043	4	230.	4. L	52.	4. L	4.2	11.5	1.0	0.068
15 03 78	1210			.3		40055	6 9	2300. G	568.	12900.	4. L	2.2	13.7	4.4	0.300
01 06 78	1020			.3		40114	5 9	10000.	2700.	200.	4. L	16.8	11.3	3.4	0.100
06 07 78	1110			.3		40149	5 9	3600.	1000.	150.	4. L	20.4	10.6	1.2	0.058
26 07 78	1257			.3		40176	5 7	13000.	1500. G	380.	4. L	20.8	7.7	1.8	0.072
15 08 78	1210			.3		40202	5 7 9	20000.	650.	170.	4. L	24.0	14.9	1.4	0.240
26 09 78	1115			.3		40228	6	3100.	340.	320.	4. L	13.0	11.5	1.1	0.031
25 10 78	1040			.3		40259	5	1100.	230.	240.	4. L	8.4	9.4	1.0	0.027
08 11 78	1110			.3		40264	5 8	510.	132.	76.	4. L	6.0	8.4	0.8	0.036
18 12 78	1130			.3		40309	6 9	510.	92.	36.	4. L	2.5	11.0	0.6	0.084
MAXIMUM								20000.	2700.	12900.	4.	24.0	14.9	4.4	0.300
AVG OR GEOM MN (*)								2313.* U	299.* E	221.*	4.* D	11.8	11.0	1.7	0.102
MINIMUM								230.	4.	36.	4.	2.2	7.7	0.6	0.027
NO OF SAMPLES								10	10	10	10	10	10	10	10

(C O N T D)

```
 B.O.W./ SITE: CATFISH CREEK                                                               STATION ID:  16-0097-007-02
 SAMPLE POINT: AT PERTH COUNTY ROAD NO 10 SOUTH OF BROWNSVILLE
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                         003
                                                       TERM STREAM: CATFISH CREEK                                     1570

STN NO:      7    LAT:             LONG:             U T M: 17 0513475.0 4743350.0 4    REGION: 01          MILEAGE:   31.00

                                   34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED  FILTERED     TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH    REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS    SOLIDS
               FEET       MTRS     P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

28 02 78 1110               .3      0.029     0.545     0.860     0.030     1.820     2.395     0.315     2.710     422.0       8.0
15 03 78 1210               .3      0.107     0.555     1.570     0.033     3.860     4.448     1.015     5.463     258.0      85.0
01 06 78 1020               .3      0.042     0.080     0.795     0.298     2.240     2.618     0.715     3.333     452.0      48.0
06 07 78 1110               .3      0.013     0.050     0.605     0.040     0.850     0.940     0.555     1.495     370.0      11.0
26 07 78 1257               .3      0.012     0.025     0.700     0.045     1.440     1.510     0.675     2.185     436.0      22.0
15 08 78 1210               .3      0.022     0.060     1.300     0.038     0.270     0.368     1.240     1.608     480.0      68.0
26 09 78 1115               .3      0.011     0.045     0.425     0.033     0.550     0.628     0.380     1.008     448.0      11.5
25 10 78 1040               .3      0.007     0.035     0.605     0.019     0.670     0.724     0.570     1.294     448.0       3.0
08 11 78 1110               .3      0.010     0.050     0.435     0.019     1.150     1.219     0.385     1.604     476.0       5.0
18 12 78 1130               .3      0.037     0.105     0.510     0.059     6.000     6.164     0.405     6.569     422.0       1.0

                       MAXIMUM      0.107     0.555     1.570     0.298     6.000     6.164     1.240     6.569     480.0      85.0
           AVG OR GEOM MN (*)       0.029     0.155     0.781     0.061     1.885     2.101     0.626     2.727     421.2      26.3
                       MINIMUM      0.007     0.025     0.425     0.019     0.270     0.368     0.315     1.008     258.0       1.0

                 NO OF SAMPLES         10        10        10        10        10        10        10        10        10        10

                                    7       107        14        16        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ   DISS.  CALCUL       COND.     TURB.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH     SOLIDS  D-SOLIDS      25C  FORMAZIN      MG/L   AT LAB
               FEET       MTRS      MG/L  MG/L        UMHOS     UNITS

28 02 78 1110               .3       414                 670      7.90      16.0      7.81
15 03 78 1210               .3                 227       323     42.00      10.0      7.53
01 06 78 1020               .3       404                 620      6.40      17.0      7.87
06 07 78 1110               .3       359                 605      4.90      16.0      7.81
26 07 78 1257               .3                           605      7.90      19.0      7.90
15 08 78 1210               .3       412                 575     10.00      17.5      7.81
26 09 78 1115               .3       436                 655      2.00      17.0
25 10 78 1040               .3       445                 658      2.30      16.5
08 11 78 1110               .3       471                 662      2.90      18.0      7.76
18 12 78 1130               .3       421                 640      2.90      26.0

                       MAXIMUM       471       227       670     42.00      26.0      7.90
           AVG OR GEOM MN (*)        420       227       601      8.92      17.3      7.78
                       MINIMUM       359       227       323      2.00      10.0      7.53

                 NO OF SAMPLES         8         1        10        10        10         7
```

```
 B.O.W./ SITE: BIG OTTER CREEK                                                             STATION ID:  16-0109-004-02
 SAMPLE POINT: 9TH LINE BAYHAM TOWN LINE
 STATION TYPE: RIVER    FLOW GAUGE FED 02GC010         MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                         003
                                                       TERM STREAM: BIG OTTER CREEK                                   1390

STN NO:      4    LAT:             LONG:             U T M: 17 0517825.0 4738100.0 4    REGION: 01          MILEAGE:   27.40

                                  934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO                        COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

15 03 78 1315               .3     40056    6          240.00  10900.  G   500.    18400.      16.         2.0      14.0       2.8
01 06 78 1104               .3     40115    6           78.80               60.       16.       4.  L     20.9       8.8       2.0
06 07 78 1130               .3     40150    6           44.50    900.      140.       84.       4.  L     19.9       8.5       2.1
26 07 78 1315               .3     40177    6           26.40    900.       72.      144.      28.        22.0       7.9       1.1
15 08 78 1006               .3     40203    6           38.90  26000.      170.      130.       4.  L     21.0      12.2       1.8
26 09 78 1130               .3     40229    6           47.90   3700.      230.      140.       4.        15.0      11.4       1.2
25 10 78 1100               .3     40260    6           57.50    900.       10.  L    20.       4.  L      8.2      11.4       1.2
08 11 78 1130               .3     40265    6           57.50   1100.       64.       56.       4.  L      5.8      11.4       1.7
18 12 78 1140               .3     40310    6           81.20    450.        4.  L     8.       4.  L      0.6      13.8       0.5

                       MAXIMUM                         240.00  26000.      500.    18400.      28.        22.0      14.0       2.8
           AVG OR GEOM MN (*)                           74.74   2100.* U    68.* D    94.*      6.* D     12.8      11.0       1.6
                       MINIMUM                          26.40    450.        4.        8.       4.         0.6       7.9       0.5

                 NO OF SAMPLES                              9        8         9         9         9         9         9         9

                                   33        34        19        20        21        22        17        18        23         5
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL
DY MO YR LMT   DIST BRG DEPTH          P  REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N              SOLIDS
               FEET       MTRS      MG/L    P MG/L      MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L

15 03 78 1315               .3      0.182     0.055     0.305     0.990     0.057     2.790     3.152     0.685     3.837     310.0
01 06 78 1104               .3      0.103     0.006     0.080     0.650     0.039     1.170     1.289     0.570     1.859     374.0
06 07 78 1130               .3      0.161     0.083     0.005     0.445     0.025     1.630     1.660     0.440     2.100     362.0
26 07 78 1315               .3      0.194     0.026     0.075     0.400     0.007     0.010L    0.092     0.325     0.417     404.0
15 08 78 1006               .3      0.076     0.023     0.070     0.460     0.033     2.090     2.193     0.390     2.583     380.0
26 09 78 1130               .3      0.030     0.021     0.040     0.765     0.025     2.620     2.685     0.725     3.410     416.0
25 10 78 1100               .3      0.037     0.003     0.010     0.370     0.015     2.230     2.255     0.360     2.615     394.0
08 11 78 1130               .3      0.360     0.004     0.005     0.380     0.011     2.040     2.056     0.375     2.431     392.0
18 12 78 1140               .3      0.037     0.016     0.065     0.325     0.016     5.100     5.181     0.260     5.441     394.0

                       MAXIMUM      0.360     0.083     0.305     0.990     0.057     5.100     5.181     0.725     5.441     416.0
           AVG OR GEOM MN (*)       0.131     0.026     0.073     0.532     0.025     2.187D    2.285     0.459     2.744     380.7
                       MINIMUM      0.030     0.003     0.005     0.325     0.007     0.010     0.092     0.260     0.417     310.0

                 NO OF SAMPLES          9         9         9         9         9         9         9         9         9         9
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	55 PH AT LAB
15 03 78 1315			.3		93.0	217	456	64.00	19.0	8.06
01 06 78 1104			.3		24.5	349	555	11.00	20.0	8.27
06 07 78 1130			.3		28.5		560	16.00	20.5	8.24
26 07 78 1315			.3		84.0		875	10.00	28.5	8.24
15 08 78 1006			.3		25.0	355	555	14.00	22.5	8.12
26 09 78 1130			.3		23.0	393	598	13.00	24.5	
25 10 78 1100			.3		6.0		600	2.60	24.5	
08 11 78 1130			.3		5.0	387	590	3.90	24.0	8.34
18 12 78 1140			.3		1.5	392	599	3.90	28.0	
MAXIMUM					93.0	393	875	64.00	28.5	8.34
AVG OR GEOM MN (*)					32.3	349	599	15.38	23.5	8.21
MINIMUM					1.5	217	456	2.60	19.0	8.06
NO OF SAMPLES					9	6	9	9	9	6

B.O.W./ SITE: BIG OTTER CREEK
SAMPLE POINT: AT HIGHWAY 19 SOUTHERN BRIDGE VIENNA
STATION TYPE: RIVER FLOW GAUGE FED 02GC004

STATION ID: 16-0109-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG OTTER CREEK

STORET CODE: 02
003
1390

STN NO: 5 LAT: LONG: U T M: 17 0516940.0 4724700.0 4 REGION: 01 MILEAGE: 4.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 02 78 1155			.3		40044	4	170.	12.	96.	4. L	1.2	13.2	1.0	0.034
15 03 78 1345			.3		40057	6	17100. G	1250.	21800. G	8.	1.5	15.7	4.6	0.385
19 04 78 1200			.3		40092	6	1500. G	140.	1020.	4. L	7.3	14.0	11.8	0.154
01 06 78 1135			.3		40116	6	1300.	52.	24.	4. L	20.9	9.2	2.0	0.067
06 07 78 1200			.3		40151	6	260.	172.	92.	4. L	21.1	8.9	1.8	0.112
26 07 78 1347			.3		40178	6	800.	136.	168.	4. L	22.6	8.1	1.4	0.095
15 08 78 1052			.3		40204	6	2800.	120.	50.	4. L	22.0	11.4	1.6	0.106
26 09 78 1315			.3		40230	6	1400.	80.	130.	4.	13.0	14.0	1.0	0.085
25 10 78 1200			.3		40261	6	360.	10. L	20.	4. L	9.0	11.8	1.1	0.035
08 11 78 1315			.3		40266	6	320.	28.	24.	4. L	6.8	10.4	1.6	0.300
18 12 78 1315			.3		40311	6	1000.	20.	60.	4. L	2.0	13.9	0.8	0.062
MAXIMUM							17100.	1250.	21800.	8.	22.6	15.7	11.8	0.385
AVG OR GEOM MN (*)							944.* U	68.* D	128.* U	4.* D	11.6	11.9	2.6	0.130
MINIMUM							170.	10.	20.	4.	1.2	8.1	0.8	0.034
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
28 02 78 1155			.3		0.013	0.055	0.290	0.011	1.900	1.966	0.235	2.201	334.0	8.0
15 03 78 1345			.3		0.105	0.555	1.780	0.040	1.900	2.495	1.225	3.720	400.0	197.0
19 04 78 1200			.3		0.031	0.045	0.560	0.018	1.880	1.943	0.515	2.458	490.0	122.0
01 06 78 1135			.3		0.006	0.005	0.545	0.020	1.170	1.195	0.540	1.735	356.0	20.5
06 07 78 1200			.3		0.025	0.015	0.475	0.015	1.210	1.240	0.460	1.700	358.0	36.0
26 07 78 1347			.3		0.004	0.005L	0.515	0.012	1.150	1.167	0.510	1.677	374.0	28.0
15 08 78 1052			.3		0.011	0.005	0.465	0.011	1.330	1.346	0.460	1.806	402.0	61.0
26 09 78 1315			.3		0.021	0.005	0.495	0.010	1.930	1.945	0.490	2.435	424.0	33.5
25 10 78 1200			.3		0.005	0.010	0.380	0.008	1.490	1.508	0.370	1.878	370.0	8.0
08 11 78 1315			.3		0.003	0.005	0.320	0.007	1.470	1.482	0.315	1.797	382.0	9.0
18 12 78 1315			.3		0.015	0.065	0.480	0.014	4.000	4.079	0.415	4.494	414.0	11.0
MAXIMUM					0.105	0.555	1.780	0.040	4.000	4.079	1.225	4.494	490.0	197.0
AVG OR GEOM MN (*)					0.022	0.0700	0.573	0.015	1.766	1.851	0.503	2.355	391.3	48.5
MINIMUM					0.003	0.005	0.290	0.007	1.150	1.167	0.235	1.677	334.0	8.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
28 02 78 1155			.3		326		560	7.20	18.0	52.0	2.90	8.00	0.500	1.0L
15 03 78 1345			.3			210	349	140.00	17.0	27.0	1.60	7.94	8.600	10.5
19 04 78 1200			.3		368		500	63.00	14.5	40.0	2.65	7.93	3.740	1.0L
01 06 78 1135			.3		335		545	14.00	16.5	41.5	2.25	8.08	0.660	1.0L
06 07 78 1200			.3		322		538	26.00	17.5	52.0	3.45	8.38	1.380	1.0L
26 07 78 1347			.3		346		520	26.00	16.5	54.0	2.60	8.24	1.300	1.0L
15 08 78 1052			.3		341		515	34.00	15.5	55.0	3.10	8.29	2.300	1.0L
26 09 78 1315			.3		390		565	23.00	19.5	56.0	4.55	8.14	1.480	1.0L
25 10 78 1200			.3		362		560	5.20	18.0	59.0	3.25	8.19	0.370	1.5
08 11 78 1315			.3		373		555	5.10	18.0	58.0	2.80	8.38	0.350	1.0L
18 12 78 1315			.3		403		582	8.20	23.0	60.5	4.00	7.21	0.600	1.0L
MAXIMUM					403	210	582	140.00	23.0	60.5	4.55	8.38	8.600	10.5
AVG OR GEOM MN (*)					357	210	526	31.97	17.6	50.5	3.01	8.07	1.935	1.9D
MINIMUM					322	210	349	5.10	14.5	27.0	1.60	7.21	0.350	1.0
NO OF SAMPLES					10	1	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
28 02 78 1155			.3		3.0	11								
15 03 78 1345			.3		10.0	35								
19 04 78 1200			.3		4.9	19	1	0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.030
01 06 78 1135			.3		56.4	13								
06 07 78 1200			.3		2.4	23								
26 07 78 1347			.3		2.4	22	3	0.002	0.04 L	0.02 L	0.03	0.03 L	0.005L	0.06
15 08 78 1052			.3		2.1	1L								
26 09 78 1315			.3		3.8	40								
25 10 78 1200			.3		3.3	35	1	0.001	0.020	0.020L	0.010L	0.030L	0.005L	0.010L
08 11 78 1315			.3		3.1	13								
18 12 78 1315			.3		3.4	18								
MAXIMUM					56.4	40	3	0.002	0.04	0.020	0.03	0.030	0.005	0.06
AVG OR GEOM MN (*)					8.6	210	2	0.001	0.027D	0.020D	0.017D	0.030D	0.005D	0.033D
MINIMUM					2.1	1	1	0.001	0.020	0.020	0.010	0.030	0.005	0.010
NO OF SAMPLES					11	11	3	3	3	3	3	3	3	3

(C O N T D)

```
 B.O.W./ SITE: BIG OTTER CREEK                                                         STATION ID:  16-0109-005-02
 SAMPLE POINT: AT HIGHWAY 19 SOUTHERN BRIDGE VIENNA
 STATION TYPE: RIVER    FLOW GAUGE FED 02GC004            MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                     003
                                                          TERM STREAM: BIG OTTER CREEK                               1390

STN NO:      5     LAT:              LONG:                U T M: 17 0516940.0 4724700.0 4    REGION: 01          MILEAGE:    4.40

                                             238
SAMP DTE HOUR  STN   STN SAMP  PJ          TOTAL
DY MO YR LMT   DIST  BRG DEPTH            NICKEL
               FEET        MTRS             MG/L

19 04 78 1200                .3           0.020L
26 07 78 1347                .3           0.02 L
25 10 78 1200                .3           0.020L

                        MAXIMUM           0.020
            AVG OR GEOM MN (*)            0.020D
                        MINIMUM           0.020

                  NO OF SAMPLES              3


 B.O.W./ SITE: BIG CREEK                                                               STATION ID:  16-0124-003-02
 SAMPLE POINT: NORFOLK COUNTY ROAD 42
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                     003
                                                          TERM STREAM: BIG CREEK                                     1090

STN NO:      3     LAT:              LONG:                U T M: 17 0542150.0 4715600.0 4    REGION: 02          MILEAGE:    2.10

                                          934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN   STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST  BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET        MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

24 01 78 1145                .3         38309   4           130.       20.       10.  L     2.0       9.7       0.2     0.021     0.002
09 02 78 1210                .3         38357   4          2200.       68.       84.        1.0       9.8       0.2     0.009     0.008
20 03 78 1210                .3         38404   3 9         400.       40.      168.        3.2      13.1       1.0     0.102     0.009
10 04 78 1340                .3         38444   6          1200.        4.  L    16.        7.5      11.2       0.5     0.024     0.008
23 05 78 1225                .3         38486   6           200.        8.        8.       18.0       8.6       0.4     0.038     0.009
13 06 78 1045                .3         38528   6           300.       34.       28.       17.0       9.5       0.8     0.071     0.010
05 07 78 1050                .3         38570   8           100.       66.      132.       18.5       9.1       1.0     0.031     0.009
28 08 78 1340                .3         38613   8           130.        8.       16.       21.5       8.0       0.5     0.050     0.003
28 09 78 1210                .3         38645   6           410.       20.       64.       13.8       9.8       0.4     0.065     0.017
01 11 78 1115                .3         38691   6            10.  L     4.  L     4.        9.5      11.4       0.2     0.021     0.003
30 11 78 1150                .3         38750   6           400.       12.      300.        2.8      12.4       0.6     0.025     0.008
28 12 78 1250                .3         38788   4           100.       10.  L    20.        1.0      13.9       0.4     0.035     0.006

                        MAXIMUM                            2200.       68.      300.       21.5      13.9       1.0     0.102     0.017
            AVG OR GEOM MN (*)                              226.* D    16.* D    33.* D     9.7      10.5       0.5     0.041     0.008
                        MINIMUM                              10.        4.        4.        1.0       8.0       0.2     0.009     0.002

                  NO OF SAMPLES                               12        12        12        12        12        12        12        12



                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN   STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST  BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS    SOLIDS
               FEET        MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 1145                .3       0.054     0.430     0.013     1.520     1.587     0.376     1.963     360.0       4.7       355
09 02 78 1210                .3       0.122     0.410     0.016     1.760     1.898     0.288     2.186     336.0       6.2       330
20 03 78 1210                .3       0.114     0.580     0.017     1.880     2.011     0.466     2.477     349.0      62.0       287
10 04 78 1340                .3       0.014     0.560     0.012     1.640     1.666     0.546     2.212     292.0      19.0
23 05 78 1225                .3       0.042     0.470     0.019     1.160     1.221     0.428     1.649     341.0      15.0       326
13 06 78 1045                .3       0.048     0.490     0.018     1.130     1.196     0.442     1.638     346.0      31.0       315
05 07 78 1050                .3       0.014     0.340     0.012     1.140     1.166     0.326     1.492     347.0      14.0       333
28 08 78 1340                .3       0.016     0.360     0.009     0.990     1.015     0.344     1.359     340.0      18.0       322
28 09 78 1210                .3       0.016     0.380     0.012     1.240     1.268     0.364     1.632     381.0      24.0       357
01 11 78 1115                .3       0.007     0.25      0.009     1.19      1.206     0.243     1.449     323.        5.        318
30 11 78 1150                .3       0.058     0.33      0.013     1.85      1.921     0.272     2.193     344.        5.        339
28 12 78 1250                .3       0.037     0.40      0.013     1.99      2.040     0.363     2.403     354.       18.        336

                        MAXIMUM       0.122     0.580     0.019     1.99      2.040     0.546     2.477     381.0      62.0       357
            AVG OR GEOM MN (*)        0.045     0.417     0.014     1.458     1.516     0.372     1.888     342.8      18.5       329
                        MINIMUM       0.007     0.25      0.009     0.990     1.015     0.243     1.359     202.0       4.7       287

                  NO OF SAMPLES          12        12        12        12        12        12        12        12        12        11
                                     107        14        16        56        59       280        55       208        25        47
SAMP DTE HOUR  STN   STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE        PH     TOTAL   PHENOLS   ORGANIC
DY MO YR LMT   DIST  BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    AT LAB      IRON              C AS C
               FEET        MTRS    MG/L         UMHOS     UNITS                MG/L  SI MG/L               MG/L      UG/L      MG/L

24 01 78 1145                .3                   520      3.60      12.0      67.0      4.05      8.03     0.360      1.0L       3.
09 02 78 1210                .3                   530      5.30      12.0      67.0      4.25      7.87     0.330      1.0L       4.0
20 03 78 1210                .3                   435     27.00      10.5      54.0      3.00      8.16     1.900      1.0L       8.0
10 04 78 1340                .3         273       420     13.00       9.8      52.0      2.20      8.08     1.000      1.0L       4.1
23 05 78 1225                .3                   464      7.10      11.0      60.0      2.90      8.13     0.580      1.0L       3.8
13 06 78 1045                .3                   465     15.00      11.0      58.0      4.15      8.02     1.280      1.0L       2.6
05 07 78 1050                .3                   455     11.00      12.5      60.0      3.95      8.08     0.570      1.0L       2.2
28 08 78 1340                .3                   435     10.00      14.5      59.0      3.90      8.22     0.870      1.0L       1.5
28 09 78 1210                .3                   500     14.00      13.5      68.0      4.50      8.11     1.200      1.0L       2.7
01 11 78 1115                .3                   510      3.6       13.5      63.       4.25      7.82     0.35       1.  L      3.0
30 11 78 1150                .3                   540      4.6       15.       79.       4.60      7.98     0.48       1.  L      3.0
28 12 78 1250                .3                   520      6.4       14.5      75.       4.6       8.08     0.94       1.         2.2

                        MAXIMUM         273       540     27.00      15.       79.       4.60      8.22     1.900      1.0        8.0
            AVG OR GEOM MN (*)          273       483     10.05      12.5      63.5      3.86      8.05     0.822      1.0D       3.3
                        MINIMUM         273       420      3.60       9.8      52.0      2.20      7.82     0.330      1.0        1.5

                  NO OF SAMPLES           1        12        12        12        12        12        12        12        12        12
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
24 01 78 1145			.3		13	0	0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
09 02 78 1210			.3		48									
20 03 78 1210			.3		35									
10 04 78 1340			.3		26	0	0.001	0.03 L	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
23 05 78 1225			.3		18									
13 06 78 1045			.3		16									
05 07 78 1050			.3		18	1	0.001	0.040	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
28 08 78 1340			.3		30									
28 09 78 1210			.3		21									
01 11 78 1115			.3		21	1	0.001	0.02 L	0.02 L	0.02	0.03 L	0.005L	0.01 L	0.02 L
30 11 78 1150			.3		13									
28 12 78 1250			.3		65									
MAXIMUM					65	1	0.001	0.040	0.020	0.02	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)					27	1	0.001D	0.030D	0.020D	0.013D	0.030D	0.005D	0.010D	0.020D
MINIMUM					13	0	0.001	0.02	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					12	4	4	4	4	4	4	4	4	4

B.O.W./ SITE: DEDRICH CREEK
SAMPLE POINT: AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02GC013

STATION ID: 16-0126-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: DEDRICH CREEK

STORET CODE: 02
003
1080

STN NO: 1 LAT: LONG: U T M: 17 0544225.0 4717790.0 4 REGION: 02 MILEAGE: 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1155			.3		38310	4	33.50	190.	4. L	100. L	1.5	10.8	0.4	0.020
09 02 78 1225			.3		38358	4	20.80	330.	10. L	40.	1.0	11.2	0.8	0.014
10 04 78 1330			.3		38445	3	67.40	520.	4. L	4.	8.2	11.9	0.4	0.018
23 05 78 1235			.3		38487	6	40.80	800.	86.	48.	18.0	9.3	1.0	0.040
13 06 78 1055			.3		38529	8	20.50	900.	100.	68.	17.0	9.5	0.8	0.062
05 07 78 1110			.3		38571	8	8.50	200.	60.	96.	21.0	8.2	1.4	0.054
28 08 78 1330			.3		38614	8	5.20	1200.	80.	60.	22.0	6.7	0.5	0.058
28 09 78 1215			.3		38646	6	9.70	2900.	188.	328.	14.5	7.8	0.8	0.032
01 11 78 1135			.3		38692	6	18.90	10. L	4. L	20.	9.0	11.9	1.0	0.018
30 11 78 1200			.3		38751	6	38.30	1600.	112.	248.	2.3	13.0	0.6	0.023
28 12 78 1300			.3		38789	4	15.20	100. L	10. L	20.	1.6	14.8	0.2	0.025
MAXIMUM							67.40	2900.	188.	328.	22.0	14.8	1.4	0.062
AVG OR GEOM MN (*)							25.35	383.* D	27.* D	53.* D	10.6	10.5	0.7	0.033
MINIMUM							5.20	10.	4.	4.	1.0	6.7	0.2	0.014
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1155			.3		0.003	0.016	0.370	0.013	0.912	0.941	0.354	1.295	291.0	7.5
09 02 78 1225			.3		0.010	0.050	0.380	0.008	0.797	0.855	0.330	1.185	293.0	12.0
10 04 78 1330			.3		0.009	0.012	0.480	0.009	1.090	1.111	0.468	1.579	248.0	17.0
23 05 78 1235			.3		0.018	0.150	0.580	0.014	0.590	0.754	0.430	1.184	259.0	15.0
13 06 78 1055			.3		0.011	0.076	0.490	0.019	0.560	0.655	0.414	1.069	290.0	27.0
05 07 78 1110			.3		0.019	0.028	0.420	0.011	0.350	0.389	0.392	0.781	262.0	15.0
28 08 78 1330			.3		0.012	0.046	0.350	0.010	0.335	0.391	0.304	0.695	281.0	25.0
28 09 78 1215			.3		0.015	0.018	0.360	0.008	0.550	0.576	0.342	0.918	281.0	21.0
01 11 78 1135			.3		0.002	0.002	0.31	0.005	0.865	0.872	0.308	1.180	303.	7.
30 11 78 1200			.3		0.008	0.007	0.35	0.009	1.65	1.666	0.343	2.009	304.	6.
28 12 78 1300			.3		0.006	0.015	0.39	0.008	1.49	1.513	0.375	1.888	341.	8.0
MAXIMUM					0.019	0.150	0.580	0.019	1.65	1.666	0.468	2.009	341.	27.0
AVG OR GEOM MN (*)					0.010	0.038	0.407	0.010	0.835	0.884	0.369	1.253	286.6	14.6
MINIMUM					0.002	0.002	0.31	0.005	0.335	0.389	0.304	0.695	248.0	6.
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78 1155			.3		283		428	5.80	10.0	43.5
09 02 78 1225			.3		281		435	8.20	12.0	43.0
10 04 78 1330			.3			231	355	14.00	8.8	37.0
23 05 78 1235			.3			244	376	6.50	8.2	34.0
13 06 78 1055			.3			263	405	18.00	10.0	37.5
05 07 78 1110			.3			247	380	12.00	8.7	37.5
28 08 78 1330			.3			256	347	18.00	8.7	38.0
28 09 78 1215			.3			260	400	17.00	9.8	41.0
01 11 78 1135			.3		296		460	4.0	12.	49.5
30 11 78 1200			.3		298		470	6.6	13.	
28 12 78 1300			.3		330		454	6.2	11.5	
MAXIMUM					330	263	470	18.00	13.	49.5
AVG OR GEOM MN (*)					298	250	410	10.57	10.2	40.1
MINIMUM					281	231	347	4.0	8.2	34.0
NO OF SAMPLES					5	6	11	11	11	9

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT HIGHWAY 6 PORT DOVER
STATION TYPE: RIVER FLOW GAUGE MOE 02GC102

STATION ID: 16-0159-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

STN NO: 1 LAT: LONG: U T M: 17 0565600.0 4737100.0 4 REGION: 02 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78 1350			.3		38311	4	1400.	70.	10. L	2.0	11.0	9.0	0.035	0.010
09 02 78 1350			.3		38359	4	8600.	592.	332.	2.0	10.2	0.2	0.080	0.061
20 03 78 1330			.3		38406	6	26000.	1490.	1500. G	2.2	13.9	2.4	0.148	0.059
10 04 78 1215			.3		38446	6 9	2300.	40.	48.	6.5	11.2	0.6	0.060	0.017
23 05 78 1415			.3		38488	6 9	1700.	48.	4.	19.5	9.1	1.0	0.078	0.028
13 06 78 1145			.3		38530	6	2600.	56.	32.	18.0	9.3	1.5	0.099	0.029
05 07 78 1205			.3		38572	6	4700.	134.	126.	21.0	9.2	8.4	0.109	0.027
28 08 78 1220			.3		38615	6	600.	12.	100. L	22.0	6.6	1.4	0.145	0.070
28 09 78 1300			.3		38647	6	2300.	24.	56.	15.5	9.2	2.6	0.132	0.025
01 11 78 1230			.3		38693	6	200.	8.	8.	9.5	10.2	0.2	0.078	0.037
30 11 78 1330			.3		38752	6	600.	164.	192.	2.0	12.8	0.8	0.064	0.036
28 12 78 1330			.3		38790	6	160.	4. L	100.	2.3	14.1	0.2	0.087	0.050
MAXIMUM							26000.	1490.	1500.	22.0	14.1	9.0	0.148	0.070
AVG OR GEOM MN (*)							1646.*	58.* D	62.* E	10.2	10.6	2.4	0.093	0.037
MINIMUM							160.	4.	4.	2.0	6.6	0.2	0.035	0.010
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78 1350			.3		0.098	0.380	0.018	1.880	1.996	0.282	2.278	388.0	2.3	386
09 02 78 1350			.3		0.334	0.680	0.014	1.920	2.268	0.346	2.614	379.0	5.0	374
20 03 78 1330			.3		0.294	1.020	0.022	1.470	1.786	0.726	2.512	239.0	19.0	
10 04 78 1215			.3		0.120	0.660	0.022	1.830	1.972	0.540	2.512	340.0	19.0	321
23 05 78 1415			.3		0.084	0.820	0.077	1.390	1.551	0.736	2.287	384.0	23.0	361
13 06 78 1145			.3		0.162	0.690	0.055	1.370	1.587	0.528	2.115	369.0	27.0	342
05 07 78 1205			.3		0.076	0.650	0.053	1.230	1.359	0.574	1.933	369.0	17.0	352
28 08 78 1220			.3		0.246	0.800	0.042	0.870	1.158	0.554	1.712	388.0	18.0	370
28 09 78 1300			.3		0.062	0.680	0.074	1.530	1.666	0.618	2.284	459.0	20.0	439
01 11 78 1230			.3		0.048	0.42	0.025	2.02	2.093	0.372	2.465	397.	10.	387
30 11 78 1330			.3		0.082	0.52	0.023	3.25	3.355	0.438	3.793	416.	6.	410
28 12 78 1330			.3		0.085	0.54	0.016	2.83	2.931	0.455	3.386	424.	3.7	420
MAXIMUM					0.334	1.020	0.077	3.25	3.355	0.736	3.793	459.0	27.0	439
AVG OR GEOM MN (*)					0.141	0.655	0.037	1.799	1.977	0.514	2.491	379.3	14.2	378
MINIMUM					0.048	0.380	0.014	0.870	1.158	0.282	1.712	239.0	2.3	321
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
24 01 78 1350			.3			580	3.00	26.0	65.0	4.35	8.05	0.250	1.0L	7.
09 02 78 1350			.3			590	5.70	28.0	67.0	4.50	7.91	0.450	1.0L	3.0
20 03 78 1330			.3		220	338	19.00	13.0	30.5	2.45	7.99	1.100	1.0	1.0L
10 04 78 1215			.3			485	12.00	17.0	57.0	2.60	8.19	0.900	1.0L	4.1
23 05 78 1415			.3			525	18.00	20.5	57.0	2.60	8.22	1.200	1.0	4.8
13 06 78 1145			.3			530	14.00	24.5	59.0	4.50	8.11	1.240	1.0L	3.2
05 07 78 1205			.3			480	11.00	26.5	63.0	4.15	8.13	0.650	1.0L	15.2
28 08 78 1220			.3			540	8.90	38.5	70.0	2.90	8.04	0.600	1.0L	2.5
28 09 78 1300			.3			640	8.20	53.0	73.0	4.20	8.24	0.630	1.0L	3.2
01 11 78 1230			.3			610	7.6	32.	72.	4.15	8.02	0.61	1. L	3.7
30 11 78 1330			.3			650	7.6	42.	79.	4.35	7.99	0.47	1. L	4.8
28 12 78 1330			.3			630	3.0	44.	80.	4.1	8.12	0.25	1. L	3.0
MAXIMUM					220	650	19.00	53.0	80.	4.50	8.24	1.240	1.0	15.2
AVG OR GEOM MN (*)					220	550	9.83	30.4	64.4	3.74	8.08	0.696	1.0D	4.6D
MINIMUM					220	338	3.00	13.0	30.5	2.45	7.91	0.250	1.0	1.0
NO OF SAMPLES					1	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
24 01 78 1350			.3		217	1	0.001L	0.040	0.020L	0.010L	0.030L	0.005L	0.010	0.020L
09 02 78 1350			.3		57									
20 03 78 1330			.3		33									
10 04 78 1215			.3		26	1	0.001	0.03 L	0.02 L	0.01 L	0.03 L	0.005L	0.01 L	0.02 L
23 05 78 1415			.3		29									
13 06 78 1145			.3		12									
05 07 78 1205			.3		80	1	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
28 08 78 1220			.3		38									
28 09 78 1300			.3		21									
01 11 78 1230			.3		21	1	0.001	0.02 L	0.02 L	0.01 L	0.03 L	0.005L	0.02	0.02 L
30 11 78 1330			.3		42									
MAXIMUM					217	1	0.001	0.040	0.020	0.010	0.030	0.005	0.02	0.020
AVG OR GEOM MN (*)					52	1	0.001D	0.030D	0.020D	0.010D	0.030D	0.005D	0.013D	0.020D
MINIMUM					12	1	0.001	0.02	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES					11	4	4	4	4	4	4	4	4	4

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT BRIDGE ON LYNN VALLEY ROAD DOWNSTREAM FROM SIMCOE STP
STATION TYPE: RIVER FLOW GAUGE FED 02GC008

STATION ID: 16-0159-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

STN NO: 2 LAT: LONG: U T M: 17 0559000.0 4740050.0 4 REGION: 02 MILEAGE: 5.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1100			.3		38308	6	64.30	10.	4. L	100. L	2.0	11.2	0.4	0.051
09 02 78 1140			.3		38356	6	62.20	30.	4. L	4.	1.0	11.8	0.6	0.069
20 03 78 1140			.3		38403	6	133.00	2. L	4. L	2. L	3.5	14.2	1.6	0.198
10 04 78 1420			.3		38443	6	129.00	64.	4. L	4. L	9.5	11.7	1.0	0.048
23 05 78 1150			.3		38485	6	92.80	520.	24.	2. L	16.5	6.9	1.4	0.065
13 06 78 1015			.3		38527	6	61.50	2000.	170.	22.	16.0	10.6	2.2	0.136
05 07 78 1015			.3		38569	8	48.20	1600.	142.	146.	17.5	9.5	2.0	0.360
28 08 78 1420			.3		38612	8	37.40	620.	32.	48.	20.5	8.3	1.0	0.300
28 09 78 1135			.3		38644	6	39.10	12500.	220.	330.	13.0	8.4	4.2	0.280
01 11 78 1035			.3		38690	6	45.80	300.	20.	30.	9.0	11.3	0.4	0.103
30 11 78 1120			.3		38749	6	56.40	2900.	172.	600.	4.5	12.2	1.2	0.205
28 12 78 1210			.3		38787	6	47.40	2900.	50.	260.	2.0	14.7	0.2	0.130
MAXIMUM							133.00	12500.	220.	600.	20.5	14.7	4.2	0.360
AVG OR GEOM MN (*)							68.09	322.* D	27.* D	33.* D	9.6	10.9	1.4	0.162
MINIMUM							37.40	2.	4.	2.	1.0	6.9	0.2	0.048
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78 1100			.3		0.021	0.138	0.420	0.015	1.690	1.843	0.282	2.125	372.0	4.6
09 02 78 1140			.3		0.019	0.205	0.650	0.021	1.830	2.057	0.444	2.501	375.0	6.7
20 03 78 1140			.3		0.047	0.184	1.000	0.014	1.880	2.078	0.816	2.894	343.0	23.0
10 04 78 1420			.3		0.018	0.130	0.610	0.017	1.560	1.707	0.480	2.187	351.0	9.5
23 05 78 1150			.3		0.016	0.150	0.710	0.120	1.750	2.020	0.560	2.580	370.0	14.0
13 06 78 1015			.3		0.020	0.122	0.750	0.072	1.530	1.724	0.628	2.352	372.0	28.0
05 07 78 1015			.3		0.255	0.306	0.710	0.105	1.840	2.251	0.404	2.655	393.0	19.0
28 08 78 1420			.3		0.170	0.080	0.450	0.071	1.930	2.081	0.370	2.451	399.0	16.0
28 09 78 1135			.3		0.220	0.310	0.890	0.200	2.200	2.710	0.580	3.290	383.0	15.0
01 11 78 1035			.3		0.061	0.084	0.40	0.041	1.96	2.085	0.316	2.401	389.	11.
30 11 78 1120			.3		0.165	0.152	0.47	0.031	2.10	2.283	0.318	2.601	413.	13.
28 12 78 1210			.3		0.104	0.068	0.41	0.014	3.24	3.322	0.342	3.664	387.	5.2
MAXIMUM					0.255	0.310	1.000	0.200	3.24	3.322	0.816	3.664	413.	28.0
AVG OR GEOM MN (*)					0.093	0.161	0.623	0.060	1.959	2.180	0.462	2.642	378.9	13.8
MINIMUM					0.016	0.068	0.40	0.014	1.530	1.707	0.282	2.125	343.0	4.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78 1100			.3		367	565	3.60	22.5	65.0
09 02 78 1140			.3		368	565	6.60	22.5	69.0
20 03 78 1140			.3		320	473	14.00	21.0	53.0
10 04 78 1420			.3		341	510	3.90	17.5	63.0
23 05 78 1150			.3		356	540	5.00	21.5	60.0
13 06 78 1015			.3		344	540	7.20	20.5	60.0
05 07 78 1015			.3		374	540	5.60	22.5	58.0
28 08 78 1420			.3		383	562	4.60	32.5	63.0
28 09 78 1135			.3		368	560	6.10	27.5	64.0
01 11 78 1035			.3		378	590	3.8	27.5	70.
30 11 78 1120			.3		400	650	9.4	47.	76.
28 12 78 1210			.3		382	575	3.1	25.5	77.
MAXIMUM					400	650	14.00	47.	77.
AVG OR GEOM MN (*)					365	556	6.08	25.7	64.8
MINIMUM					320	473	3.1	17.5	53.0
NO OF SAMPLES					12	12	12	12	12

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT VICTORIA STREET SIMCOE
STATION TYPE: RIVER FLOW GAUGE FED 02GC008

STATION ID: 16-0159-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

STN NO: 8 LAT: LONG: U T M: 17 0557225.0 4742450.0 4 REGION: 02 MILEAGE: 8.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
24 01 78 1050			.3		38307	6	64.30	260.	4.	100. L	3.0	10.6	0.2	0.014
09 02 78 1125			.3		38355	6	62.20	1700.	48.	12.	1.0	11.5	0.2	0.010
20 03 78 1130			.3		38402	6	133.00	900.	44.	360.	3.0	14.2	0.6	0.046
10 04 78 1430			.3		38442	6	129.00	560.	4. L	16.	10.0	13.2	0.4	0.009
23 05 78 1135			.3		38484	6	92.80	1500.	236.	92.	16.0	10.4	1.8	0.023
13 06 78 1000			.3		38526	8	61.50	11600.	156.	100.	16.0	10.9	1.2	0.041
05 07 78 1005			.3		38568	8	48.20	1600.	294.	300.	17.5	9.5	1.2	0.029
28 08 78 1430			.3		38611	8	37.40	7600.	88.	344.	20.0	8.7	1.0	0.030
28 09 78 1100			.3		38643	6	39.10	13100.	1040.	1400.	14.0	9.3	0.8	0.051
01 11 78 1020			.3		38689	6	45.80	2000.	80.	310.	8.0	11.9	0.2L	0.020
30 11 78 1110			.3		38748	6	56.40	1400.	310.	1000.	4.2	12.3	1.6	0.025
28 12 78 1125			.3		38786	6	47.40	500.	90.	40.	2.0	15.1	0.8	0.019
MAXIMUM							133.00	13100.	1040.	1400.	20.0	15.1	1.8	0.051
AVG OR GEOM MN (*)							68.09	1757.*	81.* D	148.* D	9.6	11.5	0.8D	0.026
MINIMUM							37.40	260.	4.	12.	1.0	8.7	0.2	0.009
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 16-0159-008-02

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT VICTORIA STREET SIMCOE
STATION TYPE: RIVER FLOW GAUGE FED 02GC008

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

STN NO: 8 LAT: LONG: U T M: 17 0557225.0 4742450.0 4 REGION: 02 MILEAGE: 8.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
24 01 78	1050			.3		0.003	0.034	0.270	0.013	1.390	1.437	0.236	1.673	359.0	1.7
09 02 78	1125			.3		0.006	0.052	0.300	0.010	1.670	1.732	0.248	1.980	352.0	3.3
20 03 78	1130			.3		0.019	0.128	0.560	0.011	1.530	1.669	0.432	2.101	295.0	6.2
10 04 78	1430			.3		0.002	0.024	0.410	0.010	1.100	1.134	0.386	1.520	330.0	5.7
23 05 78	1135			.3		0.005	0.056	0.520	0.021	1.130	1.207	0.464	1.671	360.0	9.4
13 06 78	1000			.3		0.003	0.040	0.460	0.024	1.180	1.244	0.420	1.664	345.0	10.0
05 07 78	1005			.3		0.005	0.042	0.340	0.022	1.380	1.444	0.298	1.742	357.0	6.7
28 08 78	1430			.3		0.002	0.102	0.390	0.024	1.380	1.506	0.288	1.794	375.0	6.6
28 09 78	1100			.3		0.010	0.190	0.530	0.026	1.520	1.736	0.340	2.076	362.0	18.0
01 11 78	1020			.3		0.006	0.043	0.30	0.019	1.38	1.442	0.257	1.699	353.	3.
30 11 78	1110			.3		0.008	0.105	0.36	0.016	1.55	1.671	0.255	1.926	356.	7.
28 12 78	1125			.3		0.004	0.078	0.42	0.012	1.74	1.830	0.342	2.172	360.	1.7
MAXIMUM						0.019	0.190	0.560	0.026	1.74	1.830	0.464	2.172	375.0	18.0
AVG OR GEOM MN (*)						0.006	0.075	0.405	0.017	1.413	1.504	0.331	1.835	350.3	6.6
MINIMUM						0.002	0.024	0.270	0.010	1.100	1.134	0.236	1.520	295.0	1.7
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78	1050			.3		357	535	2.60	14.5	67.0
09 02 78	1125			.3		349	540	4.20	14.5	67.0
20 03 78	1130			.3		289	445	4.80	13.5	52.0
10 04 78	1430			.3		324	475	3.30	12.5	64.0
23 05 78	1135			.3		351	510	4.40	13.5	63.0
13 06 78	1000			.3		335	520	4.60	16.5	60.0
05 07 78	1005			.3		350	490	5.10	15.0	60.0
28 08 78	1430			.3		368	521	3.90	30.0	59.0
28 09 78	1100			.3		344	520	7.90	18.0	62.0
01 11 78	1020			.3		350	550	3.4	17.5	70.
30 11 78	1110			.3		349	570	6.5	26.5	76.
28 12 78	1125			.3		358	540	2.3	18.5	77.
MAXIMUM						368	570	7.90	30.0	77.
AVG OR GEOM MN (*)						344	518	4.42	17.5	64.8
MINIMUM						289	445	2.3	12.5	52.0
NO OF SAMPLES						12	12	12	12	12

STATION ID: 16-0162-001-02

B.O.W./ SITE: FOLEY CREEK
SAMPLE POINT: FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: FOLEY CREEK

STORET CODE: 02
003
0610

STN NO: 1 LAT: LONG: U T M: 17 0570400.0 4737250.0 4 REGION: 02 MILEAGE: 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78	1410			.3		38312	4	600.	8.	100.	2.1	7.5	0.6	0.032	0.006
09 02 78	1405			.3		38360	4	100.	10. L	10. L	1.2	8.9	0.6	0.033	0.013
20 03 78	1340			.3		38407	3	600.	44.	184.	1.5	13.6	3.2	0.160	0.049
10 04 78	1155			.3		38447	3	100.	70.	50.	6.5	10.3	0.6	0.098	0.027
23 05 78	1450			.3		38489	6	1200.	110.	32.	18.5	8.6	2.0	0.170	0.026
13 06 78	1330			.3		38531	6	1000.	200.	100. L	17.0	8.1	2.2	0.102	0.008
05 07 78	1225			.3		38573	6	100.	100. L	200.	22.0	4.9	2.6	0.071	0.031
28 08 78	1210			.3		38616	8	530.	50.	50.	21.5	7.6	1.4	0.050	0.005
28 09 78	1310			.3		38648	6	7100.	230.	170.	15.2	8.9	2.8	0.108	0.012
01 11 78	1355			.3		38694	6	4100.	70.	1500. G	7.5	6.8	1.2	0.104	0.046
30 11 78	1345			.3		38753	6	13000.	60.	6500.	2.2	13.1	2.8	0.172	0.098
MAXIMUM								13000.	230.	6500.	22.0	13.6	3.2	0.172	0.098
AVG OR GEOM MN (*)								801.*	58.* D	142.* E	10.5	8.9	1.8	0.100	0.029
MINIMUM								100.	8.	10.	1.2	4.9	0.6	0.032	0.005
NO OF SAMPLES								11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	1410			.3		0.100	0.640	0.032	0.513	0.645	0.540	1.185	577.0	14.0	563
09 02 78	1405			.3		0.072	0.610	0.007	0.383	0.462	0.538	1.000	420.0	11.0	409
20 03 78	1340			.3		0.296	2.000	0.028	0.782	1.106	1.704	2.810	178.0	68.0	
10 04 78	1155			.3		0.034	0.780	0.011	0.220	0.265	0.746	1.011	260.0	26.0	
23 05 78	1450			.3		0.072	1.300	0.016	0.040	0.128	1.228	1.356	349.0	90.0	
13 06 78	1330			.3		0.118	0.960	0.023	0.160	0.301	0.842	1.143	337.0	35.0	302
05 07 78	1225			.3		0.134	1.100	0.021	0.055	0.210	0.966	1.176	464.0	62.0	402
28 08 78	1210			.3		0.064	0.920	0.089	1.340	1.493	0.856	2.349	377.0	12.0	365
28 09 78	1310			.3		0.006	1.340	0.165	1.280	1.451	1.334	2.785	490.0	34.0	456
01 11 78	1355			.3		0.046	0.98	0.024	0.145	0.215	0.934	1.149	341.	14.	327
30 11 78	1345			.3		1.25	1.92	0.022	0.650	1.922	0.670	2.592	266.	35.	
MAXIMUM						1.25	2.000	0.165	1.340	1.922	1.704	2.810	577.0	90.0	563
AVG OR GEOM MN (*)						0.199	1.141	0.040	0.506	0.745	0.942	1.687	369.0	36.5	403
MINIMUM						0.006	0.610	0.007	0.040	0.128	0.538	1.000	178.0	11.0	302
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	7

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
24 01 78	1410			.3			800	17.00	11.0	145.0
09 02 78	1405			.3			620	17.00	13.0	102.0
20 03 78	1340			.3		110	170	58.00	5.3	17.0
10 04 78	1155			.3		234	360	34.00	9.0	51.0
23 05 78	1450			.3		259	398	70.00	7.0	54.0
13 06 78	1330			.3			465	31.00	13.0	61.0
05 07 78	1225			.3			580	76.00	12.0	78.0
28 08 78	1210			.3			480	5.40	16.0	75.0
28 09 78	1310			.3			580	35.00	12.0	103.0
01 11 78	1355			.3			460	32.	12.5	72.
30 11 78	1345			.3		231	355	50.	9.8	63.
MAXIMUM						259	800	76.00	16.0	145.0
AVG OR GEOM MN (*)						209	479	38.67	11.0	74.6
MINIMUM						110	170	5.40	5.3	17.0
NO OF SAMPLES						4	11	11	11	11

B.O.W./ SITE: CENTRE CREEK
SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CENTRE CREEK

STORET CODE: 02
003
0596

STN NO: 1 LAT: LONG: U T M: 17 0573200.0 4737650.0 4 REGION: 02 MILEAGE: 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
24 01 78	1420			.3		38313	4	190.	4. L		2.0	9.5	6.3	0.055	0.006
09 02 78	1420			.3		38361	4	40.	4. L	10.	0.5	10.4	8.0	0.027	0.007
20 03 78	1355			.3		38408	3 0	400.	12.	216.	3.5	12.8	2.6	0.260	0.042
10 04 78	1145			.3		38448	3	50.	4.	12.	6.0	11.7	0.8	0.056	0.010
23 05 78	1500			.3		38490	8	80.	30.	28.	18.5	9.6	0.8	0.062	0.005
13 06 78	1345			.3		38532	8	200.	48.	80.	16.0	10.8	3.6	0.019	0.003
05 07 78	1240			.3		38574	8	200.	16.	152.	22.0	9.6	2.0	0.152	0.005
28 08 78	1140			.3		38617	8	500.	60.	200.	22.0	7.3	3.0	0.106	0.005
28 09 78	1320			.3		38649	6	100. L	10.	270.	16.6	9.5	3.4	0.055	0.004
01 11 78	1405			.3		38695	6	50.	20.	10.	11.0	9.3	1.4	0.026	0.005
30 11 78	1355			.3		38754	6	4800.	320.	2200.	4.5	10.2	1.6	1.98	0.046
28 12 78	1350			.3		38792	6	100. L	20. L	100. L	3.5	12.9			
MAXIMUM								4800.	320.	2200.	22.0	12.9	8.0	1.98	0.046
AVG OR GEOM MN (*)								170.* D	18.* D	81.* D	10.5	10.3	3.1	0.254	0.013
MINIMUM								40.	4.	10.	0.5	7.3	0.8	0.019	0.003
NO OF SAMPLES								12	12	11	12	12	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
24 01 78	1420			.3		1.240	1.500	0.016	0.119	1.375	0.260	1.635	2204.0	35.0	2259
09 02 78	1420			.3		0.970	1.270	0.018	0.212	1.200	0.300	1.500	1851.0	17.0	1834
20 03 78	1355			.3		0.102	0.900	0.032	0.508	0.642	0.798	1.440	518.0	215.0	303
10 04 78	1145			.3		0.068	0.760	0.010	0.365	0.443	0.692	1.135	318.0	32.0	286
23 05 78	1500			.3		0.066	0.520	0.007	0.165	0.238	0.454	0.692	366.0	64.0	302
13 06 78	1345			.3		0.500	0.760	0.012	0.205	0.717	0.260	0.977	1319.0	7.4	1312
05 07 78	1240			.3		0.158	0.620	0.007	0.090	0.255	0.462	0.717	624.0	33.0	591
28 08 78	1140			.3		1.330	1.880	0.018	0.035	1.383	0.550	1.933	2593.0	80.0	2513
28 09 78	1320			.3		0.620	0.970	0.009	0.190	0.819	0.350	1.169	1880.0	14.0	1866
01 11 78	1405			.3		0.28	0.58	0.022	0.200	0.502	0.300	0.802	648.	16.	632
30 11 78	1355			.3		0.292	1.32	0.051	1.05	1.393	1.028	2.421	708.	103.	605
MAXIMUM						1.330	1.880	0.051	1.05	1.393	1.028	2.421	2593.0	215.0	2513
AVG OR GEOM MN (*)						0.511	1.007	0.018	0.285	0.815	0.496	1.311	1192.6	56.0	1137
MINIMUM						0.066	0.520	0.007	0.035	0.238	0.260	0.692	318.0	7.4	286
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
24 01 78	1420			.3		3200	73.00	725.0	338.0	3.75	7.3	266	7.89	1.680	11.0
09 02 78	1420			.3		2700	93.00	613.0	305.0	3.55	7.6	253	7.85	0.890	
20 03 78	1355			.3		444	180.00	53.0	49.5	1.40	3.0	120	7.79	11.000	1.0L
10 04 78	1145			.3		450	32.00	50.0	57.0	0.80		106	8.14	1.700	1.0L
23 05 78	1500			.3		456	29.00	54.0	55.0	0.30	0.0	106	8.28	3.100	1.0L
13 06 78	1345			.3		1850	34.00	380.0	250.0	2.65	5.6	165	8.01	0.500	1.0L
05 07 78	1240			.3		850	38.00	155.0	90.0	0.85	0.6	120	8.27	4.700	1.0L
28 08 78	1140			.3		3070	45.00	788.0	355.0	4.00	13.8	284	7.78	3.500	1.0L
28 09 78	1320			.3		2350	16.00	520.0	312.0	3.20	5.7	191	7.96	0.690	1.0L
01 11 78	1405			.3		1040	28.	170.	138.	1.45	5.2	142	7.79	0.68	1.
30 11 78	1355			.3		890	130.	130.	136.	3.8	8.1	150	7.58	5.5	1. L
MAXIMUM						3200	180.00	788.0	355.0	4.00	13.8	284	8.28	11.000	11.0
AVG OR GEOM MN (*)						1573	63.46	330.7	189.6	2.34	5.7	173	7.94	3.085	2.00
MINIMUM						444	16.00	50.0	49.5	0.30	0.0	106	7.58	0.500	1.0
NO OF SAMPLES						11	11	11	11	11	10	11	11	11	10

(C O N T D)

B.O.W./ SITE: CENTRE CREEK
SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CENTRE CREEK

STORET CODE: 02
003
0596

STN NO: 1 LAT: LONG: U T M: 17 0573200.0 4737650.0 4 REGION: 02 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
24 01 78 1420			.3		870.0	200.00	90.00		14.00	350.00	58	0.172
09 02 78 1420			.3		774.0	165.00	88.00		13.00	290.00	84	0.180
20 03 78 1355			.3		183.0	51.00	13.50		5.50	26.00	35	0.270
10 04 78 1145			.3		173.0	47.00	13.50	35	2.70	25.00	24	0.042
23 05 78 1500			.3		173.0	48.00	13.00	15	2.60	26.00	18	0.060
13 06 78 1345			.3		551.0	120.00	61.00	22	7.80	215.00	22	0.086
05 07 78 1240			.3		256.0	62.00	24.50	13	3.80	74.00	22	0.120
28 08 78 1140			.3		911.0	200.00	100.00		12.00	330.00	98	0.400
28 09 78 1320			.3		798.0	150.00	103.00	18	9.80	235.00	33	0.109
01 11 78 1405			.3		322.	77.	31.5	21	4.25	82.	31	0.062
30 11 78 1355			.3		330.	90.	25.5	130	7.5	58.	13	0.092
28 12 78 1350			.3							58.	13	0.092
MAXIMUM					911.0	200.00	103.00	130	14.00	350.00	98	0.400
AVG OR GEOM MN (*)					485.5	110.00	51.23	36	7.54	147.42	38	0.140
MINIMUM					173.0	47.00	13.00	13	2.60	25.00	13	0.042
NO OF SAMPLES					11	11	11	7	11	12	12	12

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
STATION TYPE: RIVER FLOW GAUGE FED 02GC022

STATION ID: 16-0164-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

STN NO: 1 LAT: LONG: U T M: 17 0575500.0 4739950.0 4 REGION: 02 MILEAGE: 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
19 01 78 1215			.3		38321	4	39.90	156.	4. L	100. L			0.6	0.049
24 01 78 1430			.3		38302	4	38.10				2.0	9.4		
09 02 78 1435			.3		38369	4	36.00	296.	82.	28.	1.2	9.4	0.2	0.048
20 03 78 1405			.3		38409	3	174.00	1500.	80.	344.	1.8	10.7	3.2	0.185
10 04 78 1125			.3		38449	3	128.00	450.	10. L	10. L	7.0	11.9	0.6	0.050
30 05 78 1100			.3		38491	6	63.30	230.	92.	12.	24.0	10.0	1.2	0.142
21 06 78 1115			.3		38524	8	15.30	4100.	800.	556.	21.0	6.1	2.5	0.152
06 07 78 1130			.3		38566	8	9.40	3000.	250.	250.	23.0	8.0	2.5	0.235
23 08 78 1320			.3		38609	6	4.60	600.	180.	80.	26.0	8.0	2.5	0.200
28 09 78 1330			.3		38657	6	14.10	300.	90.	80.	14.5	10.9	2.0	0.164
19 10 78 1200			.3		38696	6	21.20	1400.	130.	70.	8.2	12.8	0.4	0.082
30 11 78 1410			.3		38746	6	38.10	1100.	80.	450.	2.5	14.1	0.8	0.053
28 12 78 1400			.3		38784	4	27.20	100. L	10. L	20.	0.9	17.1	1.0	0.044
MAXIMUM							174.00	4100.	800.	556.	26.0	17.1	3.2	0.235
AVG OR GEOM MN (*)							46.86	606.* D	67.* D	80.* D	11.0	10.7	1.5	0.117
MINIMUM							4.60	100.	4.	10.	0.9	6.1	0.2	0.044
NO OF SAMPLES							13	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
19 01 78 1215			.3		0.022	0.122	0.580	0.014	2.140	2.276	0.458	2.734	407.0	4.2
09 02 78 1435			.3		0.026	0.088	0.560	0.011	1.730	1.829	0.472	2.301	416.0	5.0
20 03 78 1405			.3		0.058	0.268	1.150	0.023	1.840	2.131	0.882	3.013	240.0	42.0
10 04 78 1125			.3		0.016	0.010	0.680	0.010	1.630	1.650	0.670	2.320	296.0	20.0
30 05 78 1100			.3		0.015	0.034	0.87	0.021	0.500	0.555	0.836	1.391	424.	73.
21 06 78 1115			.3		0.005	0.004	1.120	0.006	0.020	0.030	1.116	1.146	352.0	40.0
06 07 78 1130			.3		0.006	0.006	1.300	0.004	0.005L	0.015	1.294	1.309	484.0	103.0
23 08 78 1320			.3		0.008	0.034	1.100	0.006	0.045	0.085	1.066	1.151	464.0	95.0
28 09 78 1330			.3		0.006	0.002	1.080	0.008	0.205	0.215	1.078	1.293	423.0	67.0
19 10 78 1200			.3		0.011	0.014	0.660	0.011	1.340	1.365	0.646	2.011	430.0	22.0
30 11 78 1410			.3		0.024	0.094	0.62	0.014	1.95	2.058	0.526	2.584	398.	10.
28 12 78 1400			.3		0.017	0.046	0.58	0.014	2.09	2.150	0.534	2.684	443.	11.
MAXIMUM					0.058	0.268	1.300	0.023	2.140	2.276	1.294	3.013	484.0	103.0
AVG OR GEOM MN (*)					0.018	0.060	0.858	0.012	1.125D	1.197	0.798	1.995	398.1	41.0
MINIMUM					0.005	0.002	0.560	0.004	0.005	0.015	0.458	1.146	240.0	4.2
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
19 01 78 1215			.3		403		625	4.00	24.5	75.0	3.45	7.93	0.250	1.0L
09 02 78 1435			.3		411		615	5.40	24.5	64.0	4.25	7.54	0.350	1.0L
20 03 78 1405			.3			198	304	34.00	11.0	28.5	2.05	7.82	2.400	1.0L
10 04 78 1125			.3			276	425	16.00	14.0					1.0L
30 05 78 1100			.3		351		490	37.	20.5	46.5	0.20	8.37	2.9	1. L
21 06 78 1115			.3		312		485	32.00	31.5	49.0	0.10	7.92	2.300	1.0L
06 07 78 1130			.3		381		580	58.00	37.0	90.0	0.40	7.88	4.400	1.0L
23 08 78 1320			.3		369		540	64.00	52.0	52.0	0.75	7.90	3.900	1.0L
28 09 78 1330			.3		356		500	40.00	30.0	65.0	1.05	8.24	3.000	1.0L
19 10 78 1200			.3		408		600	24.00	35.5	95.0	2.00	8.26	1.200	1.0L
30 11 78 1410			.3		388		600	16.	28.	87.	3.10	8.20	0.74	1. L
28 12 78 1400			.3		432		660	7.5	35.	95.	2.4	8.01	0.48	1.
MAXIMUM					432	276	660	64.00	52.0	95.0	4.25	8.37	4.400	1.0
AVG OR GEOM MN (*)					381	237	535	28.16	28.6	67.9	1.80	8.01	1.993	1.0D
MINIMUM					312	198	304	4.00	11.0	28.5	0.10	7.54	0.250	1.0
NO OF SAMPLES					10	2	12	12	12	11	11	11	11	12

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
19 01 78 1215			.3		10.	49	0							
24 01 78 1430			.3					0.001L	0.030L	0.020L	0.020	0.030L	0.005L	0.010L
09 02 78 1435			.3		6.0	57								
20 03 78 1405			.3		6.0	33								
10 04 78 1125			.3				1	0.001	0.03 L	0.02 L	0.01 L	0.03 L	0.005L	0.01 L
30 05 78 1100			.3		7.0	25								
21 06 78 1115			.3		7.1	57								
06 07 78 1130			.3		7.2	42	1	0.002	0.030L	0.040L	0.020L	0.030L	0.010L	0.010L
23 08 78 1320			.3		7.1	41								
28 09 78 1330			.3		6.5	29								
19 10 78 1200			.3		6.8	26	2	0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.020
30 11 78 1410			.3		5.8	10L								
28 12 78 1400			.3		5.0	69								
MAXIMUM					10.	69	2	0.002	0.030	0.040	0.020	0.030	0.010	0.020
AVG OR GEOM MN (*)					6.8	40D	1	0.001D	0.028D	0.025D	0.015D	0.030D	0.006D	0.013D
MINIMUM					5.0	10	0	0.001	0.020	0.020	0.01	0.030	0.005	0.010
NO OF SAMPLES					11	11	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L
24 01 78 1430			.3		0.020L
10 04 78 1125			.3		0.02 L
06 07 78 1130			.3		0.040L
19 10 78 1200			.3		0.020L
MAXIMUM					0.040
AVG OR GEOM MN (*)					0.025D
MINIMUM					0.020
NO OF SAMPLES					4

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT COUNTY ROAD 27 AND 32
STATION TYPE: RIVER

STATION ID: 16-0164-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

STN NO: 2 LAT: LONG: U T M: 17 0570400.0 4747850.0 4 REGION: 02 MILEAGE: 11.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1105			.3		38317	4	376.	4.	100. L			0.4	0.049	0.023
09 02 78 1005			.3		38365	4	332.	72.	32.	3.0	8.8	0.2	0.040	0.028
20 03 78 1015			.3		38398	3	1300.	108.	600. G	1.0	12.5	2.4	0.190	0.072
10 04 78 1515			.3		38438	3	220.	4. L	4. L	8.5	12.1	0.2	0.024	0.009
30 05 78 1000			.3		38480	6	1300.	124.	36.	23.0	6.9	1.6	0.125	0.035
21 06 78 1020			.3		38520	6	4600.	1100.	600. G	21.0	7.3	4.2	0.255	0.011
06 07 78 1015			.3		38562	6	600.	200.	290.	22.0	8.8	4.0	0.240	0.012
23 08 78 1140			.3		38605	6				24.0	8.9	3.5	0.225	0.010
28 09 78 1010			.3		38653	6	7300.	320.	290.	12.3	8.6	2.4	0.195	0.023
19 10 78 1050			.3		38685	6	2700.	100.	400.	8.7	9.9	0.8	0.140	0.039
30 11 78 1005			.3		38742	6	700.	40.	380.	1.0	12.9	1.4	0.050	0.023
28 12 78 1035			.3		38780	4	600.	10.	20.	1.2	14.0	0.6	0.048	0.021
MAXIMUM							7300.	1100.	600.	24.0	14.0	4.2	0.255	0.072
AVG OR GEOM MN (*)							1005.*	61.* D	114.* E	11.4	10.1	1.8	0.132	0.026
MINIMUM							220.	4.	4.	1.0	6.9	0.2	0.024	0.009
NO OF SAMPLES							11	11	11	11	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1105			.3		0.172	0.560	0.016	2.170	2.358	0.388	2.746	407.0	5.2	402
09 02 78 1005			.3		0.120	0.580	0.011	1.700	1.831	0.460	2.291	399.0	5.1	394
20 03 78 1015			.3		0.290	1.050	0.022	2.070	2.382	0.760	3.142	234.0	12.0	
10 04 78 1515			.3		0.010	0.480	0.008	1.600	1.618	0.470	2.088	289.0	13.0	
30 05 78 1000			.3		0.042	0.83	0.054	0.835	0.931	0.788	1.719	398.	40.	356
21 06 78 1020			.3		0.006	1.700	0.008	0.190	0.204	1.694	1.898	413.0	63.0	350
06 07 78 1015			.3		0.018	1.300	0.008	0.170	0.196	1.282	1.478	583.0	172.0	411
23 08 78 1140			.3		0.044	1.360	0.003	0.005L	0.052	1.316	1.368	450.0	85.0	365
28 09 78 1010			.3		0.006	1.050	0.013	0.500	0.519	1.044	1.563	412.0	79.0	333
19 10 78 1050			.3		0.010	0.640	0.020	1.430	1.460	0.630	2.090	417.0	28.0	389
30 11 78 1005			.3		0.169	0.65	0.013	1.80	1.982	0.481	2.463	399.	6.	393
28 12 78 1035			.3		0.141	0.69	0.014	1.99	2.145	0.549	2.694	445.	10.	435
MAXIMUM					0.290	1.700	0.054	2.170	2.382	1.694	3.142	583.0	172.0	435
AVG OR GEOM MN (*)					0.086	0.908	0.016	1.205D	1.307	0.822	2.128	403.8	43.2	383
MINIMUM					0.006	0.480	0.003	0.005	0.052	0.388	1.368	234.0	5.1	333
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78 1105			.3			625	3.70	24.0	75.0
09 02 78 1005			.3			615	5.40	24.0	64.0
20 03 78 1015			.3		222	342	19.00	12.0	32.0
10 04 78 1515			.3		276	425	6.80	13.5	47.5
30 05 78 1000			.3			520	20.	22.	50.
21 06 78 1020			.3			540	35.00	33.0	54.0
06 07 78 1015			.3			620	68.00	38.0	107.0
23 08 78 1140			.3			550	54.00	57.0	53.0
28 09 78 1010			.3			520	49.00	30.5	73.0
19 10 78 1050			.3			600	22.00	31.0	95.0
30 11 78 1005			.3			620	5.5	26.	85.
28 12 78 1035			.3			660	5.3	32.5	
MAXIMUM					276	660	68.00	57.0	107.0
AVG OR GEOM MN (*)					249	553	24.48	28.6	66.9
MINIMUM					222	342	3.70	12.0	32.0
NO OF SAMPLES					2	12	12	12	11

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD
STATION TYPE: RIVER

STATION ID: 16-0164-003-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK
STORET CODE: 02
003
0550

STN NO: 3   LAT: LONG: U T M: 17 0559350.0 4754200.0 4   REGION: 02   MILEAGE: 24.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78	1140			.3		38320	6	390.	4. L	100. L			0.8	0.032	0.007
09 02 78	1055			.3		38368	6	112.	4.	10.	2.0	9.6	0.2	0.010	0.004
20 03 78	1040			.3		38401	3	570.	36.	300. G	2.0	13.0	1.4	0.082	0.017
10 04 78	1450			.3		38441	6	308.	146.	300. G	7.2	12.7	0.5	0.014	0.007
30 05 78	1030			.3		38483	6	2300.	28.	260.	24.5	8.0	2.0	0.081	0.005
21 06 78	1045			.3		38523	8	2200.	96.	336.	21.5	8.2	2.6	0.088	0.001
06 07 78	1050			.3		38565	8	1000.	150.	270.	23.0	9.7	1.8	0.081	0.001
23 08 78	1450			.3		38608	8	200.	10.	30.	30.0	12.0	1.2	0.088	0.002
28 09 78	1040			.3		38656	6	14000.	30.	100.	15.2	9.2	2.0	0.073	0.001
19 10 78	1125			.3		38688	6	6100.	60.	30.	9.7	10.7	1.0	0.038	0.002
30 11 78	1035			.3		38745	6	3600.	1240.	1500. G	1.8	12.7	1.6	0.020	0.002
28 12 78	1105			.3		38783	6	300.	20. L	160.	3.0	14.2	0.4	0.019	0.002
MAXIMUM								14000.	1240.	1500.	30.0	14.2	2.6	0.088	0.017
AVG OR GEOM MN (*)								973.*	40.* D	138.* E	12.7	10.9	1.3	0.052	0.004
MINIMUM								112.	4.	10.	1.8	8.0	0.2	0.010	0.001
NO OF SAMPLES								12	12	12	11	11	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78	1140			.3		0.078	0.430	0.016	1.740	1.834	0.352	2.186	366.0	3.8	362
09 02 78	1055			.3		0.126	0.480	0.016	1.430	1.572	0.354	1.926	359.0	2.9	356
20 03 78	1040			.3		0.232	0.870	0.020	1.680	1.932	0.638	2.570	267.0	9.0	
10 04 78	1450			.3		0.018	0.560	0.008	0.940	0.966	0.542	1.508	248.0	8.0	
30 05 78	1030			.3		0.084	0.82	0.026	0.560	0.670	0.736	1.406	372.	49.	323
21 06 78	1045			.3		0.026	1.040	0.031	0.500	0.557	1.014	1.571	330.0	28.0	302
06 07 78	1050			.3		0.020	0.870	0.025	0.500	0.545	0.850	1.395	321.0	30.0	291
23 08 78	1450			.3		0.020	0.800	0.027	0.935	0.982	0.780	1.762	325.0	15.0	310
28 09 78	1040			.3		0.026	0.740	0.012	0.500	0.598	0.714	1.312	359.0	24.0	335
19 10 78	1125			.3		0.042	0.640	0.015	0.980	1.037	0.598	1.635	355.0	6.1	349
30 11 78	1035			.3		0.113	0.62	0.016	1.05	1.179	0.507	1.686	372.	2.	370
28 12 78	1105			.3		0.031	0.50	0.011	1.44	1.482	0.469	1.951	375.	2.5	372
MAXIMUM						0.232	1.040	0.031	1.740	1.932	1.014	2.570	375.	49.	372
AVG OR GEOM MN (*)						0.088	0.698	0.019	1.026	1.113	0.630	1.742	337.4	15.0	337
MINIMUM						0.018	0.430	0.008	0.500	0.545	0.352	1.312	248.0	2.	291
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78	1140			.3			570	2.20	14.5	68.0
09 02 78	1055			.3			555	2.40	14.0	64.0
20 03 78	1040			.3		258	397	4.10	11.0	41.0
10 04 78	1450			.3		240	370	3.80	10.0	
30 05 78	1030			.3			455	10.	12.5	46.5
21 06 78	1045			.3			460	10.00	16.0	54.0
06 07 78	1050			.3			445	15.00	18.5	52.0
23 08 78	1450			.3			430	8.70	27.5	53.0
28 09 78	1040			.3			465	7.80	17.5	70.0
19 10 78	1125			.3			540	2.80	19.0	95.0
30 11 78	1035			.3			580	2.4	16.5	
28 12 78	1105			.3			570	1.5	18.	87.
MAXIMUM						258	580	15.00	27.5	95.0
AVG OR GEOM MN (*)						249	486	5.89	16.3	63.1
MINIMUM						240	370	1.5	10.0	41.0
NO OF SAMPLES						2	12	12	12	10

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT HIGHWAY NO 6 SOUTH WEST OF JARVIS
STATION TYPE: RIVER

STATION ID: 16-0164-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK
STORET CODE: 02
003
0550

STN NO: 4   LAT: LONG: U T M: 17 0571450.0 4745850.0 4   REGION: 02   MILEAGE: 9.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78	1035			.3		38315	4	540.	4.	100. L			0.8	0.054	0.022
09 02 78	0955			.3		38364	4	224.	52.	30.	2.9	8.5	0.6	0.039	0.028
20 03 78	1005			.3		38397	3	2000.	128.	300. G	1.2	13.9	2.6	0.165	0.066
10 04 78	1525			.3		38437	3	630.	10. L	20.	8.0	11.8	0.6	0.043	0.011
30 05 78	0950			.3		38479	6	1300.	124.	76.	23.0	6.6	1.6	0.140	0.086
21 06 78	1000			.3		38519	6	3300.	216.	412.	21.5	6.6	4.0	0.235	0.008
06 07 78	0955			.3		38561	6	800.	250.	320.	22.0	7.0	2.8	0.210	0.014
23 08 78	1150			.3		38604	6	500.	330.	210.	25.0	7.1	3.0	0.200	0.011
28 09 78	1005			.3		38652	6	3100.	410.	410.	13.5	7.8	2.0	0.220	0.018
19 10 78	1035			.3		38684	6	2700.	180.	400.	8.3	9.5	0.4	0.106	0.041
30 11 78	0955			.3		38741	4	1100.	80.	1100.	1.0	12.5	1.6	0.053	0.022
28 12 78	1020			.3		38779	4	100.	10.	40.	1.2	13.9	0.2	0.044	0.022
MAXIMUM								3300.	410.	1100.	25.0	13.9	4.0	0.235	0.086
AVG OR GEOM MN (*)								888.*	76.* D	160.* E	11.6	9.6	1.7	0.126	0.029
MINIMUM								100.	4.	20.	1.0	6.6	0.2	0.039	0.008
NO OF SAMPLES								12	12	12	11	11	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1035			.3		0.158	0.550	0.016	2.080	2.254	0.392	2.646	400.0	6.7	393
09 02 78 0955			.3		0.116	0.630	0.012	1.790	1.918	0.514	2.432	404.0	5.7	398
20 03 78 1005			.3		0.342	1.350	0.024	2.040	2.406	1.008	3.414	229.0	15.0	
10 04 78 1525			.3		0.012	0.500	0.009	1.600	1.621	0.488	2.109	292.0	16.0	
30 05 78 0950			.3		0.044	0.88	0.043	0.805	0.892	0.836	1.728	399.	51.	348
21 06 78 1000			.3		0.006	2.000	0.005	0.060	0.071	1.994	2.065	412.0	67.0	345
06 07 78 0955			.3		0.016	1.350	0.008	0.120	0.144	1.334	1.478	493.0	94.0	399
23 08 78 1150			.3		0.008	1.360	0.004	0.005L	0.017	1.352	1.369	451.0	84.0	367
28 09 78 1005			.3		0.008	1.190	0.012	0.455	0.475	1.182	1.657	450.0	74.0	376
19 10 78 1035			.3		0.006	0.660	0.017	1.530	1.553	0.654	2.207	448.0	22.0	426
30 11 78 0955			.3		0.158	0.67	0.014	1.95	2.122	0.512	2.634	417.	7.	410
28 12 78 1020			.3		0.133	0.65	0.014	2.04	2.187	0.517	2.704	453.	5.7	445
MAXIMUM					0.342	2.000	0.043	2.080	2.406	1.994	3.414	493.0	94.0	445
AVG OR GEOM MN (*)					0.084	0.983	0.015	1.2060	1.305	0.899	2.204	404.0	37.3	391
MINIMUM					0.006	0.500	0.004	0.005	0.017	0.392	1.369	229.0	5.7	345
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LM"	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	235 TOTAL MERCURY UG/L
19 01 78 1035			.3			630	4.30	25.5	70.0	
09 02 78 0955			.3			620	5.70	26.0	67.0	
20 03 78 1005			.3		214	329	23.00	13.0	30.5	
10 04 78 1525			.3		276	425	8.60	14.0	48.0	
30 05 78 0950			.3			500	28.	21.5	48.0	
21 06 78 1000			.3			550	40.00	35.0	55.0	
06 07 78 0955			.3			610	53.00	38.5	102.0	
23 08 78 1150			.3			540	61.00	55.0	52.0	
28 09 78 1005			.3			520	36.00	30.0	65.0	
19 10 78 1035			.3			650	20.00	48.0	95.0	
30 11 78 0955			.3			640	6.0	32.5		0.010L
28 12 78 1020			.3			670	4.3	34.	97.	0.010L
MAXIMUM					276	670	61.00	55.0	102.0	0.010
AVG OR GEOM MN (*)					245	557	24.16	31.1	66.3	0.010D
MINIMUM					214	329	4.30	13.0	30.5	0.010
NO OF SAMPLES					2	12	12	12	11	2

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT REGIONAL ROAD NO 5 NANTICOKE
STATION TYPE: RIVER

STATION ID: 16-0164-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

STN NO: 5 LAT: LONG: U T M: 17 0561400.0 4753375.0 4 REGION: 02 MILEAGE: 21.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1130			.3		38319	4	540.	10.	10.			0.6	0.067	0.030
09 02 78 1040			.3		38367	4	16500.	560.	298.	4.5	7.2	0.5	0.040	0.031
20 03 78 1030			.3		38400	3	10000.	720.	1500.	1.5	12.9	1.6	0.117	0.049
10 04 78 1455			.3		38440	6	1400.	4. L	60.	8.5	14.4	0.4	0.043	0.010
30 05 78 1025			.3		38482	6	2100.	80.	16.	23.5	7.5	2.8	0.320	0.054
21 06 78 1040			.3		38522	6	3900.	164.	128.	21.5	7.6	3.8	0.300	0.027
06 07 78 1040			.3		38564	6	500.	164.	116.	23.0	10.3	3.4	0.400	0.058
23 08 78 1425			.3		38607	6	700.	56.	12.	30.0	13.7	4.5	0.355	0.042
28 09 78 1035			.3		38655	6	2100.	210.	350.	14.0	8.8	2.2	0.208	0.037
19 10 78 1115			.3		38687	6	2000.	20.	40.	9.1	9.9	0.8	0.132	0.101
30 11 78 1030			.3		38744	6	300.	30.	1500.	2.0	13.0	1.4	0.048	0.021
28 12 78 1100			.3		38782	6	340.	10. L	40.	1.5	14.6	0.6	0.065	0.040
MAXIMUM							16500.	720.	1500.	30.0	14.6	4.5	0.400	0.101
AVG OR GEOM MN (*)							1521.*	61.* D	96.*	12.6	10.9	1.9	0.175	0.042
MINIMUM							300.	4.	10.	1.5	7.2	0.4	0.040	0.010
NO OF SAMPLES							12	12	12	11	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1130			.3		0.358	0.700	0.015	1.830	2.203	0.342	2.545	384.0	2.9	381
09 02 78 1040			.3		0.306	0.690	0.013	1.520	1.839	0.384	2.223	379.0	5.0	374
20 03 78 1030			.3		0.390	1.060	0.020	1.880	2.290	0.670	2.960	272.0	5.9	
10 04 78 1455			.3		0.050	0.690	0.011	1.000	1.061	0.640	1.701	263.0	16.0	
30 05 78 1025			.3		0.236	1.28	0.067	0.700	1.003	1.044	2.047	419.	80.	339
21 06 78 1040			.3		0.104	1.950	0.059	0.565	0.728	1.846	2.574	446.0	86.0	360
06 07 78 1040			.3		0.094	1.450	0.048	0.490	0.632	1.356	1.988	542.0	90.0	452
23 08 78 1425			.3		0.104	1.220	0.035	0.400	0.539	1.116	1.655	402.0	35.0	367
28 09 78 1035			.3		0.130	1.110	0.046	0.710	0.886	0.980	1.866	384.0	32.0	352
19 10 78 1115			.3		0.260	0.920	0.034	1.070	1.364	0.660	2.024	390.0	16.0	374
30 11 78 1030			.3		0.428	0.85	0.017	1.25	1.695	0.422	2.117	404.	2.	402
28 12 78 1100			.3		0.420	0.94	0.014	1.64	2.074	0.520	2.594	411.	3.0	408
MAXIMUM					0.428	1.950	0.067	1.880	2.290	1.846	2.960	542.0	90.0	452
AVG OR GEOM MN (*)					0.240	1.072	0.032	1.088	1.360	0.832	2.191	391.3	31.2	381
MINIMUM					0.050	0.690	0.011	0.400	0.539	0.342	1.655	263.0	2.	339
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

(CONTD)

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT REGIONAL ROAD NO 5 NANTICOKE
STATION TYPE: RIVER
STATION ID: 16-0164-005-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK
STORET CODE: 02
003
0550

STN NO: 5 LAT: LONG: U T M: 17 0561400.0 4753375.0 4 REGION: 02 MILEAGE: 21.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78 1130			.3			605	2.40	24.0	68.0
09 02 78 1040			.3			585	3.70	22.0	63.0
20 03 78 1030			.3		266	410	5.20	14.5	40.5
10 04 78 1455			.3		247	380	3.40	12.5	
30 05 78 1025			.3			520	34.	25.	47.5
21 06 78 1040			.3			560	33.00	33.5	64.0
06 07 78 1040			.3			660	31.00	43.5	115.0
23 08 78 1425			.3			570	33.00	64.0	51.0
28 09 78 1035			.3			520	19.00	32.0	69.0
19 10 78 1115			.3			580	6.30	30.5	95.0
30 11 78 1030			.3			620	2.4	26.5	
28 12 78 1100			.3			610	2.2	31.	90.
MAXIMUM					266	660	34.	64.0	115.0
AVG OR GEOM MN (*)					257	552	14.63	29.9	70.3
MINIMUM					247	380	2.2	12.5	40.5
NO OF SAMPLES					2	12	12	12	10

B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: LOT 23 CONCESSION 11 FORMER TWP OF TOWNSEND
STATION TYPE: RIVER
STATION ID: 16-0164-006-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK
STORET CODE: 02
003
0550

STN NO: 6 LAT: LONG: U T M: 17 0568500.0 4750525.0 4 REGION: 02 MILEAGE: 14.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1115			.3		38318	4	376.	4. L	100. L			0.6	0.048	0.025
09 02 78 1020			.3		38366	4	300.	70.	46.	2.0	9.5	0.2	0.034	0.029
20 03 78 1020			.3		38399	3	700.	156.	300.	1.0	12.6	1.8	0.132	0.071
10 04 78 1505			.3		38439	3	220.	10. L	10. L	9.0	11.6	0.5	0.028	0.007
30 05 78 1010			.3		38481	6	1000.	94.	10.	23.0	8.0	1.2	0.103	0.039
21 06 78 1025			.3		38521	6	2600.	640.	456.	21.0	7.1	4.0	0.265	0.029
06 07 78 1030			.3		38563	6	800.	110.	160.	22.5	8.9	2.4	0.195	0.019
23 08 78 1410			.3		38606	6				27.0	9.5	2.8	0.198	0.008
28 09 78 1020			.3		38654	6	8400.	410.	150.	14.0	8.9	1.8	0.170	0.022
19 10 78 1100			.3		38686	6	2500.	200.	80.	8.5	10.6	0.8	0.132	0.046
30 11 78 1010			.3		38743	6	500.	50.	450.	1.2	13.3	1.2	0.047	0.020
28 12 78 1045			.3		38781	4	300.	10. L	40.	2.0	15.7	0.6	0.047	0.026
MAXIMUM							8400.	640.	456.	27.0	15.7	4.0	0.265	0.071
AVG OR GEOM MN (*)							821.*	67.* D	87.* D	11.9	10.5	1.5	0.117	0.028
MINIMUM							220.	4.	10.	1.0	7.1	0.2	0.028	0.007
NO OF SAMPLES							11	11	11	11	11	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1115			.3		0.208	0.590	0.016	2.180	2.404	0.382	2.786	409.0	3.4	406
09 02 78 1020			.3		0.124	0.590	0.018	1.750	1.892	0.466	2.358	403.0	3.0	400
20 03 78 1020			.3		0.314	1.180	0.022	2.170	2.506	0.866	3.372	241.0	10.0	
10 04 78 1505			.3		0.010	0.600	0.009	1.600	1.619	0.590	2.209	288.0	12.0	
30 05 78 1010			.3		0.032	0.78	0.073	0.905	1.010	0.748	1.758	383.	28.	355
21 06 78 1025			.3		0.008	1.650	0.014	0.455	0.477	1.642	2.119	397.0	49.0	348
06 07 78 1030			.3		0.010	1.050	0.010	0.375	0.395	1.040	1.435	420.0	35.0	385
23 08 78 1410			.3		0.022	1.120	0.002	0.005L	0.029	1.098	1.127	411.0	55.0	356
28 09 78 1020			.3		0.012	0.900	0.017	0.565	0.594	0.888	1.482	408.0	44.0	364
19 10 78 1100			.3		0.012	0.680	0.028	1.470	1.510	0.668	2.178	415.0	21.0	394
30 11 78 1010			.3		0.191	0.67	0.014	1.90	2.105	0.479	2.584	412.	6.	406
28 12 78 1045			.3		0.157	0.67	0.013	1.99	2.160	0.513	2.673	451.	5.4	426
MAXIMUM					0.314	1.650	0.073	2.180	2.506	1.642	3.372	451.	55.0	426
AVG OR GEOM MN (*)					0.092	0.873	0.020	1.280D	1.392	0.782	2.173	386.5	22.7	384
MINIMUM					0.008	0.590	0.002	0.005	0.029	0.382	1.127	241.0	3.0	348
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78 1115			.3			620	2.80	24.0	70.0
09 02 78 1020			.3			610	2.70	23.5	66.0
20 03 78 1020			.3		231	356	15.00	12.5	34.5
10 04 78 1505			.3		276	425	5.60	13.5	
30 05 78 1010			.3			520	15.	22.	48.5
21 06 78 1025			.3			540	23.00	32.0	59.0
06 07 78 1030			.3			620	19.00	38.0	102.0
23 08 78 1410			.3			540	32.00	53.0	51.0
28 09 78 1020			.3			520	26.00	31.0	67.0
19 10 78 1100			.3			590	17.00	31.0	95.0
30 11 78 1010			.3			630	4.6	27.	82.
28 12 78 1045			.3			660	3.3	31.5	95.
MAXIMUM					276	660	32.00	53.0	102.0
AVG OR GEOM MN (*)					254	553	13.83	28.3	70.0
MINIMUM					231	356	2.70	12.5	34.5
NO OF SAMPLES					2	12	12	12	11

```
 B.O.W./ SITE: SANDUSK CREEK
 SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11                                           STATION ID:  16-0170-002-02
 STATION TYPE: RIVER
                                                      MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                           003
                                                      TERM STREAM: SANDUSK CREEK                                       0490

STN NO:       2    LAT:                LONG:           U T M: 17 0582200.0 4741550.0 4    REGION: 02        MILEAGE:    2.80

                                                934       901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH                      NO            COLIFORM  COLIFORM   ENTER.    TEMP,       02      BOD        P   REACTIVE
               FEET     MTRS                                   MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L      MG/L    P MG/L

19 10 78 1025              .3        38697     5           8000.     1500.     500.      9.0       6.7       3.8     0.225     0.066

                      MAXIMUM                               8000.     1500.     500.      9.0       6.7       3.8     0.225     0.066
           AVG OR GEOM MN (*)                               7998.*    1500.*    500.*     9.0       6.7       3.8     0.225     0.066
                      MINIMUM                               8000.     1500.     500.      9.0       6.7       3.8     0.225     0.066

                NO OF SAMPLES                                  1         1        1         1         1         1         1         1

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N           N  ORGNC  N             SOLIDS    SOLIDS    SOLIDS
               FEET     MTRS          MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 10 78 1025              .3        0.206     1.760     0.047     1.800     2.053     1.554     3.607     489.0      27.0       462

                      MAXIMUM        0.206     1.760     0.047     1.800     2.053     1.554     3.607     489.0      27.0       462
           AVG OR GEOM MN (*)        0.206     1.760     0.047     1.800     2.053     1.554     3.607     489.0      27.0       462
                      MINIMUM        0.206     1.760     0.047     1.800     2.053     1.554     3.607     489.0      27.0       462

                NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                      14        16        56        59
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L
               FEET     MTRS         UMHOS     UNITS                MG/L

19 10 78 1025              .3          640     33.00      46.5     125.0

                      MAXIMUM          640     33.00      46.5     125.0
           AVG OR GEOM MN (*)          640     33.00      46.5     125.0
                      MINIMUM          640     33.00      46.5     125.0

                NO OF SAMPLES            1         1         1         1
```

```
 B.O.W./ SITE: SANDUSK CREEK
 SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11                                           STATION ID:  16-0170-002-02
 STATION TYPE: RIVER
                                                      MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                           003
                                                      TERM STREAM: SANDUSK CREEK                                       0490

STN NO:       2    LAT:                LONG:           U T M: 17 0582200.0 4741550.0 4    REGION: 02        MILEAGE:    2.80

                                                934       901       80        81        84       805        3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.    5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH                      NO            COLIFORM  COLIFORM   ENTER.    TEMP,       02      BOD        P   REACTIVE
               FEET     MTRS                                   MF/100ML  MF/100ML  MF/100ML   DEG C      MG/L     MG/L      MG/L    P MG/L

19 01 78 1230              .3        38322     4            730.       12.     100.  L                           1.6     0.150     0.089
09 02 78 1515              .3        38370     4            270.        8.      28.        1.0       9.5       0.2     0.074     0.053
10 04 78 1020              .3        38450     3           4400.       20.      30.        6.5      11.1       1.4     0.150     0.073
30 05 78 1115              .3        38492     6             90.        8.      12.       25.0      13.1       5.0     0.179     0.007
21 06 78 1130              .3        38525     6           1300.       90.     120.       22.0       6.0       3.4     0.170     0.015
06 07 78 1150              .3        38567     6            400.      170.     270.       24.5       7.1       4.0     0.195     0.019
23 08 78 1340              .3        38610     6             10.  L    70.      10.       27.0       8.4       2.0     0.104     0.008
28 09 78 1340              .3        38658     6            500.       80.      40.       16.9       7.7       1.4     0.109     0.007
30 11 78 1420              .3        38747     6           1800.      100.    2100.        2.0      11.9       1.2     0.150     0.086
28 12 78 1415              .3        38785     4           1000.  L    20.    2440.        1.4      19.2       2.6     0.140     0.049

                      MAXIMUM                               4400.      170.    2440.       27.0      19.2       5.0     0.195     0.089
           AVG OR GEOM MN (*)                                453.* D    35.*     96.* D    14.0      10.4       2.3     0.142     0.041
                      MINIMUM                                 10.        8.      10.        1.0       6.0       0.2     0.074     0.007

                NO OF SAMPLES                                  10        10       10         9         9        10        10        10

                                      19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N           N  ORGNC  N             SOLIDS    SOLIDS    SOLIDS
               FEET     MTRS          MG/L      MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 01 78 1230              .3        0.204     1.040     0.031     2.090     2.325     0.836     3.161     363.0       6.9       356
09 02 78 1515              .3        0.570     1.120     0.026     1.980     2.576     0.550     3.126     688.0       5.3       683
10 04 78 1020              .3        0.202     1.650     0.042     1.200     1.444     1.448     2.892     275.0      25.0
30 05 78 1115              .3        0.100     1.49      0.005     0.005     0.110     1.390     1.500     326.       53.
21 06 78 1130              .3        0.014     1.750     0.011     0.030     0.055     1.736     1.791     415.0      67.0       348
06 07 78 1150              .3        0.010     1.250     0.007     0.005L    0.022     1.240     1.262     484.0      55.0       429
23 08 78 1340              .3        0.110     1.100     0.110     3.240     3.460     0.990     4.450     788.0      36.0       752
28 09 78 1340              .3        0.006     0.840     0.059     1.190     1.255     0.834     2.089     683.0      40.0       643
30 11 78 1420              .3        0.058     1.18      0.039     3.30      3.397     1.122     4.519     351.       10.        341
28 12 78 1415              .3        0.047     1.12      0.030     2.42      2.497     1.073     3.570     515.       13.        502

                      MAXIMUM        0.570     1.750     0.110     3.30      3.460     1.736     4.519     788.0      67.0       752
           AVG OR GEOM MN (*)        0.132     1.254     0.036     1.546D    1.714     1.122     2.836     488.8      31.1       507
                      MINIMUM        0.006     0.840     0.005     0.005     0.022     0.550     1.262     275.0       5.3       341

                NO OF SAMPLES           10        10        10        10        10        10        10        10        10         8
```

(C O N T D)

B.O.W./ SITE: SANDUSK CREEK
SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11
STATION TYPE: RIVER

STATION ID: 16-0170-002-82

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SANDUSK CREEK

STORET CODE: 02
003
0490

STN NO: 2 LAT: LONG: U T M: 17 0582200.0 4741550.0 4 REGION: 02 MILEAGE: 2.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78 1230			.3			530	26.00	29.0	75.0
09 02 78 1515			.3			950	11.00	83.0	193.0
10 04 78 1020			.3		250	385	54.00	16.5	
30 05 78 1115			.3		273	420	30.	16.5	65.
21 06 78 1130			.3			480	65.00	33.0	83.0
06 07 78 1150			.3			630	56.00	38.0	124.0
23 08 78 1340			.3			1000	30.00	100.0	260.0
28 09 78 1340			.3			820	45.00	69.0	216.0
30 11 78 1420			.3			475	55.	25.	
28 12 78 1415			.3			725	13.	52.	162.
MAXIMUM					273	1000	65.00	100.0	260.0
AVG OR GEOM MN (*)					262	642	38.50	46.2	147.3
MINIMUM					250	385	11.00	16.5	65.
NO OF SAMPLES					2	10	10	10	8

B.O.W./ SITE: SANDUSK CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON
STATION TYPE: RIVER

STATION ID: 16-0170-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SANDUSK CREEK

STORET CODE: 02
003
0490

STN NO: 3 LAT: LONG: U T M: 17 0573350.0 4746900.0 4 REGION: 02 MILEAGE: 11.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1020			.3		38316	2								
09 02 78 0945			.3		38363	2								
20 03 78 0955			.3		38396	3	35000.	1900.	640.	1.0	9.0	4.4	0.415	0.270
10 04 78 1530			.3		38436	6	900.	10. L	40.	13.0	9.8	1.4	0.164	0.093
30 05 78 0930			.3		38478	6 9	12500.	4700.	248.	20.0	6.9	8.5	0.470	0.135
21 06 78 0955			.3		38518	8	54000.	96.	600. G	18.5	5.5	3.0	0.180	0.074
06 07 78 0945			.3		38560	7	2000.	180.	400.	18.5	3.4	4.5	0.440	0.063
23 08 78 1200			.3		38603	1								
28 09 78 0955			.3		38651	5	13900E+1	1500. G	1500. G	10.8	5.1	19.0	1.070	0.380
19 10 78 1220			.3		38683	6	10400E+1	3000. G	2720.	8.9	10.9	21.0	1.500	0.940
30 11 78 0950			.3		38740	4	9000.	400.	15000.	1.0	11.1	4.4	0.212	0.145
28 12 78 1015			.3		38778	4	600.	20.	100.	1.5	7.3	1.0	0.210	0.155
MAXIMUM							13900E+1	4700.	15000.	20.0	11.1	21.0	1.500	0.940
AVG OR GEOM MN (*)							11425.*	337.* E	595.* U	10.4	7.7	7.5	0.518	0.251
MINIMUM							600.	10.	40.	1.0	3.4	1.0	0.164	0.063
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
20 03 78 0955			.3		1.260	2.500	0.039	0.896	2.195	1.240	3.435	166.0	16.0	
10 04 78 1530			.3		0.342	1.440	0.037	0.475	0.854	1.098	1.952	354.0	14.0	340
30 05 78 0930			.3		0.480	3.30	0.012	0.005L	0.497	2.820	3.317	499.	32.	467
21 06 78 0955			.3		0.202	1.320	0.019	0.980	1.201	1.118	2.319	426.0	16.0	410
06 07 78 0945			.3		0.900	2.600	0.052	0.180	1.132	1.700	2 832	690.0	215.0	475
28 09 78 0955			.3		1.050	1.290	0.062	0.410	1.522	0.240	1.762	760.0	16.0	744
19 10 78 1220			.3		7.400	11.500	0.075	0.580	8.055	4.100	12.155	537.0	12.0	525
30 11 78 0950			.3		0.281	1.12	0.029	1.00	1.310	0.839	2.149	523.	22.	501
28 12 78 1015			.3		0.140	1.02	0.013	1.34	1.493	0.880	2.373	1130.	12.	1118
MAXIMUM					7.400	11.500	0.075	1.34	8.055	4.100	12.155	1130.	215.0	1118
AVG OR GEOM MN (*)					1.339	2.899	0.038	0.6520	2.029	1.559	3.588	565.0	39.4	573
MINIMUM					0.140	1.02	0.012	0.005	0.497	0.240	1.762	166.0	12.0	340
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
20 03 78 0955			.3		150	230	31.00	14.0	19.0
10 04 78 1530			.3			520	18.00	37.5	
30 05 78 0930			.3			600	15.	49.	61.
21 06 78 0955			.3			660	11.00	67.0	67.0
06 07 78 0945			.3			760	32.00	60.0	66.0
28 09 78 0955			.3			1000	20.00	79.0	190.0
19 10 78 1220			.3			780	20.00	70.0	133.0
30 11 78 0950			.3			830	38.	130.	87.
28 12 78 1015			.3			1775	9.1	375.	
MAXIMUM					150	1775	38.	375.	190.0
AVG OR GEOM MN (*)					150	795	21.57	97.9	89.0
MINIMUM					150	230	9.1	14.0	19.0
NO OF SAMPLES					1	9	9	9	7

B.O.W./ SITE: SANDUSK CREEK
SAMPLE POINT: AT HIGHWAY 3 3.4 MILES EAST OF HIGHWAY 6
STATION TYPE: RIVER
STATION ID: 16-0170-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SANDUSK CREEK
STORET CODE: 02
003
0490

STN NO: 4 LAT: LONG: U T M: 17 0577550.0 4749150.0 4 REGION: 02 MILEAGE: 11.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 01 78 1010			.3		38314	4	284.	4. L	100. L			1.4	0.086	0.043
09 02 78 0935			.3		38362	4	110.	4. L	8.	4.9	6.3	2.0	0.047	0.035
20 03 78 0940			.3		38395	4	4600.	168.	640.	1.0	10.7	4.4	0.260	0.110
10 04 78 1540			.3		38435	3	560.	180.	1500. G	8.5	11.0	1.6	0.168	0.092
30 05 78 0940			.3		38477	6	700.	248.		21.0	7.7	1.8	0.138	0.035
21 06 78 0940			.3		38517	6	1700.	120.	288.	20.5	9.7	2.2	0.098	0.005
06 07 78 0940			.3		38559	8 9	500.	116.	216.	21.0	7.2	1.2	0.095	0.021
23 08 78 1210			.3		38602	9	500.	176.	124.	25.5	8.5	0.6	0.090	0.015
28 09 78 0945			.3		38650	6	1400.	230.	160.	14.2	8.8	2.0	0.118	0.017
MAXIMUM							4600.	248.	1500.	25.5	11.0	4.4	0.260	0.110
AVG OR GEOM MN (*)							732.*	74.* D	177.* E	14.6	8.7	1.9	0.122	0.038
MINIMUM							110.	4.	8.	1.0	6.3	0.6	0.047	0.005
NO OF SAMPLES							9	9	8	8	8	9	9	9

SAMP DTE HCUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 01 78 1010			.3		0.920	1.610	0.035	2.750	3.705	0.690	4.395	903.0	7.5	895
09 02 78 0935			.3		1.030	1.910	0.019	2.050	3.099	0.880	3.979	836.0	5.2	831
20 03 78 0940			.3		0.725	1.900	0.036	1.080	1.841	1.175	3.016	158.0	20.0	
10 04 78 1540			.3		0.354	1.580	0.030	1.000	1.394	1.216	2.610	367.0	27.0	340
30 05 78 0940			.3		0.076	0.91	0.023	0.565	0.664	0.834	1.498	718.0	30.	688
21 06 78 0940			.3		0.028	0.960	0.012	0.120	0.160	0.932	1.092	1600.0	25.0	1575
06 07 78 0940			.3		0.024	0.700	0.005	0.010	0.039	0.676	0.715	1767.0	52.0	1715
23 08 78 1210			.3		0.012	0.510	0.001	0.005L	0.018	0.498	0.516	2263.0	20.0	2243
28 09 78 0945			.3		0.018	1.030	0.054	2.800	2.872	1.012	3.884	768.0	36.0	732
MAXIMUM					1.030	1.910	0.054	2.800	3.705	1.216	4.395	2263.0	52.0	2243
AVG OR GEOM MN (*)					0.355	1.234	0.024	1.1530	1.532	0.879	2.412	1042.2	24.7	1127
MINIMUM					0.012	0.510	0.001	0.005	0.018	0.498	0.516	158.0	5.2	340
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
19 01 78 1010			.3			1220	7.10	103.0	327.0
09 02 78 0935			.3			1130	7.20	100.0	275.0
20 03 78 0940			.3		138	213	33.00	10.5	21.0
10 04 78 1540			.3			510	29.00	26.5	73.0
30 05 78 0940			.3			920	21.	76.	215.
21 06 78 0940			.3			1950	16.00	228.0	726.0
06 07 78 0940			.3			2050	16.00	255.0	744.0
23 08 78 1210			.3			2500	13.00	330.0	950.0
28 09 78 0945			.3			960	28.00	81.0	235.0
MAXIMUM					138	2500	33.00	330.0	950.0
AVG OR GEOM MN (*)					138	1273	18.92	134.4	396.2
MINIMUM					138	213	7.10	10.5	21.0
NO OF SAMPLES					1	9	9	9	9

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: AT HIGHWAY 24A PARIS
STATION TYPE: RIVER
STATION ID: 16-0184-009-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150

STN NO: 9 LAT: LONG: U T M: 17 0550125.0 4782150.0 4 REGION: 02 MILEAGE: 75.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1420			.3		39055	6	100.	4. L	10. L	1.0	11.6	1.0	0.029	0.004
14 02 78 1020			.3		39113	6	470.	10. L	10. L	1.0	11.4	0.2	0.032	0.021
15 03 78 1545			.3		39188	6	4400.	204.	560.	3.0	11.4	2.2	0.080	0.028
17 04 78 1100			.3		39228	6	1800.	10. L	40.	7.0	11.1	1.0	0.100	0.050
23 05 78 1420			.3		39453	6	100.	8.	4.	18.0	9.6	1.5	0.050	0.002
14 06 78 1050			.3		39479	6	300.	50.	30.	15.0	10.0	1.0	0.175	0.006
12 07 78 1355			.3		39519	6	550.	10. L	10. L	22.0	8.2	0.4	0.021	0.003
01 08 78 1110			.3		39546	6	1000. L	10. L	10. L	22.0	7.8	0.4	0.062	0.004
26 09 78 1440			.3		39611	6	200.	36.	8.	16.0	10.0	0.6	0.030	0.003
22 11 78 1435			.3		39695	6	60.	4.	32.	2.5	13.0	1.6	0.015	0.004
06 12 78 1020			.3		39721	6	600.	68.	100.	1.0	13.4	2.0	0.100	0.013
MAXIMUM							4400.	204.	560.	22.0	13.4	2.2	0.175	0.050
AVG OR GEOM MN (*)							402.* D	17.* D	22.* D	9.9	10.7	1.1	0.063	0.013
MINIMUM							60.	4.	4.	1.0	7.8	0.2	0.015	0.002
NO OF SAMPLES							11	11	11	11	11	11	11	11

(CONTD)

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: AT HIGHWAY 24A PARIS
STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 9 LAT: LONG: U T M: 17 0550125.0 4782150.0 4 REGION: 02 MILEAGE: 75.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1420			.3		0.022	0.380	0.024	3.590	3.636	0.358	3.994	492.0	6.9	485
14 02 78 1020			.3		0.048	0.410	0.029	3.860	3.937	0.362	4.299	501.0	3.6	497
15 03 78 1545			.3		0.132	0.710	0.018	3.630	3.780	0.578	4.358	462.0	30.0	432
17 04 78 1100			.3		0.076	0.580	0.026	0.500	0.602	0.504	1.106	349.0	22.0	327
23 05 78 1420			.3		0.074	0.700	0.016	1.960	2.050	0.626	2.676	405.0	11.0	394
14 06 78 1050			.3		0.036	0.750	0.013	1.620	1.669	0.714	2.383	727.	271.	456
12 07 78 1355			.3		0.012	0.380	0.007	1.480	1.499	0.368	1.867	537.0	13.0	524
01 08 78 1110			.3		0.018	0.390	0.008	1.580	1.606	0.372	1.978	514.0	24.0	490
26 09 78 1440			.3		0.016	0.620	0.026	5.020	5.062	0.604	5.666	486.0	7.8	478
22 11 78 1435			.3		0.014	0.43	0.007	2.49	2.511	0.416	2.927	437.	4.	433
06 12 78 1020			.3		0.068	0.74	0.017	4.38	4.465	0.672	5.137	563.	81.	482
MAXIMUM					0.132	0.750	0.029	5.020	5.062	0.714	5.666	727.	271.	524
AVG OR GEOM MN (*)					0.047	0.554	0.017	2.737	2.802	0.507	3.308	497.5	43.1	454
MINIMUM					0.012	0.380	0.007	0.500	0.602	0.358	1.106	349.0	3.6	327
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
18 01 78 1420			.3		735	5.20	20.5	108.0	3.70	3.8	260	8.10	0.380	1.0L
14 02 78 1020			.3		735	3.60	18.5	125.0	4.00	5.7	253	8.05	0.260	1.0L
15 03 78 1545			.3		655	18.00	22.0	105.0	3.15	5.1	210	7.98	1.600	3.0
17 04 78 1100			.3		475	18.00	11.5	59.0	2.40	0.7	182	8.22	1.200	1.0L
23 05 78 1420			.3		575	2.80	19.5	90.0	0.15	0.0	207	8.36	0.260	1.0L
14 06 78 1050			.3		660	54.	17.5	132.0	1.65	0.5	214	8.21	7.0	1. L
12 07 78 1355			.3		690	13.00	19.0	185.0	6.00	2.9	175	8.14	0.390	1.0
01 08 78 1110			.3		670	19.00	19.0	178.0	2.95	3.5	169	8.17	0.630	1.0L
26 09 78 1440			.3		640	5.80	21.0	120.0	3.25	0.0	180	8.35	0.240	1.0L
22 11 78 1435			.3		670	3.5	20.5	109.	2.80	2.5	227	8.26	0.14	1. L
06 12 78 1020			.3		680	26.	24.	105.	3.80	3.4	249	8.12	1.6	1. L
MAXIMUM					735	54.	24.	185.0	6.00	5.7	260	8.36	7.0	3.0
AVG OR GEOM MN (*)					653	15.36	19.4	119.6	3.08	2.6	211	8.18	1.245	1.2D
MINIMUM					475	2.80	11.5	59.0	0.15	0.0	169	7.98	0.14	1.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
18 01 78 1420			.3		330.0	91.00	25.00	15	2.35	11.00	42	0.001L	0.280	0.020L
14 02 78 1020			.3		361.0	105.00	24.00	10	2.20	9.90	17	0.001L	0.160	0.020L
15 03 78 1545			.3		333.0	97.00	22.00	20	2.70	13.00	45	0.001	0.920	0.020L
17 04 78 1100			.3		251.0	75.00	15.50	40	2.40	6.10	27	0.001	2.400	0.020L
23 05 78 1420			.3		297.0	86.00	20.00	20	2.45	10.00	22	0.001L	0.080	0.020L
14 06 78 1050			.3		336.	95.	24.	32	2.20	10.3	18			
12 07 78 1355			.3		339.0	102.00	29.00	22	1.95	11.00	34	0.001	0.210	0.020L
01 08 78 1110			.3		350.0	95.00	27.50	19	1.90	11.00	17	0.001	1.0	0.04 L
26 09 78 1440			.3		316.0	91.00	21.50	31	3.75	9.90	18	0.001		
22 11 78 1435			.3		334.	94.	24.	21	2.80	11.	28	0.001L	0.150	0.020L
06 12 78 1020			.3		323.	93.	22.	59	2.25	10.7	35	0.001	1.900	0.020L
MAXIMUM					361.0	105.00	29.00	59	3.75	13.00	45	0.001	2.400	0.04
AVG OR GEOM MN (*)					324.5	93.09	23.14	26	2.45	10.36	28	0.001D	0.789	0.022D
MINIMUM					251.0	75.00	15.50	10	1.90	6.10	17	0.001	0.080	0.020
NO OF SAMPLES					11	11	11	11	11	11	11	10	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
18 01 78 1420			.3		0.010L	0.030L	0.005L	0.010L	0.025	0.020L		0.020L
14 02 78 1020			.3		0.020	0.030L	0.005L	0.120	0.027	0.020L		0.020L
15 03 78 1545			.3		0.010	0.030L	0.005L	0.010L	0.065	0.020L		0.020L
17 04 78 1100			.3		0.010L	0.030L	0.005L	0.010L	0.055	0.020L		0.020L
23 05 78 1420			.3		0.010L	0.030L	0.005L	0.010	0.041	0.020L	0.02L	
14 06 78 1050			.3						0.160			
12 07 78 1355			.3		0.010	0.030L	0.005L	0.010L	0.024	0.020L		0.020L
01 08 78 1110			.3		0.02	0.03 L	0.005L	0.01 L	0.032	0.02 L		0.02 L
26 09 78 1440			.3						0.024			
22 11 78 1435			.3		0.010L	0.030L	0.005L	0.010L	0.013	0.020L		0.020L
06 12 78 1020			.3		0.020	0.030L	0.005L	0.020	0.088	0.020L		0.020L
MAXIMUM					0.020	0.030	0.005	0.120	0.160	0.020	0.02	0.020
AVG OR GEOM MN (*)					0.013D	0.030D	0.005D	0.023D	0.050	0.020D	0.02D	0.020D
MINIMUM					0.010	0.030	0.005	0.010	0.013	0.020	0.02	0.020
NO OF SAMPLES					9	9	9	9	11	9	1	8

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS              DATE OF REPORT  25 OCT 79  PAGE   485

 B.O.W./ SITE: GRAND RIVER                                                          STATION ID:  16-0184-010-02
 SAMPLE POINT: AT GLEN MORRIS BRIDGE
 STATION TYPE: RIVER
                                                   MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                   MINOR BASIN: LAKE ERIE                                        003
                                                   TERM STREAM: GRAND RIVER                                      0150

STN NO:     10     LAT:               LONG:          U T M: 17 0552950.0 4791525.0 4    REGION: 02        MILEAGE:   82.80

                                          934       901      80         81         84        805         3          1          33         34
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD    TOTAL      FECAL       M.F.     WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH               NO            COLIFORM   COLIFORM     ENTER.     TEMP.        O2        BOD          P   REACTIVE
               FEET     MTRS                              MF/100ML   MF/100ML   MF/100ML     DEG C      MG/L       MG/L       MG/L     P MG/L

04 01 78 1155             .3             39005      6      1000.      10.  L     10.  L      2.0       10.5
11 01 78 1005             .3             39028      6       800.      10.  L     30.         2.0       11.6        0.2      0.089      0.054
17 01 78 1430             .3             39043      6        90.      20.        20.         1.0       12.0        0.8      0.063      0.035
18 01 78 1440             .3             39056      6       864.       4.  L     10.         1.0       12.0        1.5      0.079      0.042
24 01 78 1130             .3             39062      6        70.       4.  L     16.         2.0       12.2        0.4      0.095      0.060
31 01 78 1220             .3             39070      6       160.       8.        10.         1.0       11.6        0.4      0.078      0.065
07 02 78 1100             .3             39102      6       770.      10.  L     68.         1.0       12.0        1.8      0.144      0.060
14 02 78 1005             .3             39114      6        30.       4.  L      4.  L      1.0       12.0        1.4      0.088      0.054
15 02 78 1400             .3             39123      6       108.       6.        38.         3.0       12.6        1.0      0.094      0.068
22 02 78 0955             .3             39130      6        52.       2.  L     84.         2.0       13.2        0.4      0.106      0.057
27 02 78 1305             .3             39137      6         8.       4.         6.         2.0       14.0        0.6      0.085      0.047
06 03 78 0920             .3             39153      6        60.       4.  L     16.         4.0       13.6        0.8      0.079      0.048
13 03 78 1230             .3             39160      6        10.  L    2.  L      4.         3.0       14.7        1.0      0.073      0.034
15 03 78 1645             .3             39189      6       440.      24.        66.         3.0       11.3        2.0      0.104      0.047
20 03 78 0950             .3             39196      6        80.       2.  L     22.         3.0       13.2        1.6      0.067      0.041
28 03 78 1215             .3             39203      6      2100.      28.        34.         2.0       10.8        3.0      0.123      0.056
17 04 78 1045             .3             39229      6       360.       4.        18.         6.0       11.5        0.8      0.078      0.034
23 05 78 1440             .3             39454      6       140.       6.         2.  L     17.0       11.3        1.5      0.042      0.022
14 06 78 1030             .3             39480      6       370.      14.         6.        16.0        9.6        0.8      0.090      0.036
12 07 78 1415             .3             39520      6       100.       6.       136.        23.0       10.2        1.0      0.087      0.028
01 08 78 1055             .3             39547      6       900.      12.        20.        21.0        8.5        0.6      0.075      0.017
26 09 78 1500             .3             39612      6     12200.     120.       136.        16.0       11.4        1.0      0.086      0.033
22 11 78 1500             .3             39696      6       400.      20.       312.         2.5       13.4        1.6      0.082      0.037
06 12 78 1000             .3             39722      6      5400.     324.       580.         1.5       12.6        2.6      0.162      0.042

                     MAXIMUM                                 12200.     324.       580.        23.0       14.7        3.0      0.162      0.068
          AVG OR GEOM MN (*)                                  241.* D     9.* D     25.* D      5.7       11.9        1.2      0.090      0.044
                     MINIMUM                                    8.       2.         2.         1.0        8.5        0.2      0.042      0.017

               NO OF SAMPLES                                   24         24         24         24         24         23         23         23

                                         19          20        21         22          17         18         23         5          6          7
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N     TOTAL      SUSP.      DISS.
DY MO YR LMT   DIST BRG DEPTH         AMMONIA   KJELDAHL   NO2-N      NO3-N            N   ORGNC  N              SOLIDS     SOLIDS     SOLIDS
               FEET     MTRS             MG/L       MG/L   MG/L       MG/L          MG/L       MG/L       MG/L      MG/L       MG/L       MG/L

11 01 78 1005             .3            0.730      1.250     0.043      2.710      3.483      0.520      4.003      490.0       2.9       487
17 01 78 1430             .3            0.773      1.170     0.031      2.520      3.324      0.397      3.721      447.0       3.0       444
18 01 78 1440             .3            0.600      1.350     0.047      2.410      3.057      0.750      3.807      453.0       5.4       448
24 01 78 1130             .3            0.850      1.480     0.032      3.020      3.902      0.630      4.532      453.0       2.5       451
31 01 78 1220             .3            1.480      2.060     0.074      2.250      3.804      0.580      4.384      434.0       3.2       431
07 02 78 1100             .3            0.520      1.340     0.082      3.120      3.722      0.820      4.542      491.0      35.0       456
14 02 78 1005             .3            1.000      1.590     0.074      3.390      4.464      0.590      5.054      502.0       1.6       500
15 02 78 1400             .3            1.180      1.670     0.076      2.790      4.046      0.490      4.536      523.0       4.3       519
22 02 78 0955             .3            1.060      1.710     0.155      3.470      4.685      0.650      5.335      522.0       1.6       520
27 02 78 1305             .3            0.650      1.390     0.072      3.670      4.392      0.740      5.132      558.0       4.0       554
06 03 78 0920             .3            1.040      1.570     0.052      3.700      4.792      0.530      5.322      519.0       3.0       516
13 03 78 1230             .3            0.830      1.510     0.040      3.610      4.480      0.680      5.160      544.0       5.0       539



15 03 78 1645             .3            0.930      1.620     0.044      2.800      3.774      0.690      4.464      503.0      16.0       487
20 03 78 0950             .3            0.730      1.240     0.023      3.240      3.993      0.510      4.503      436.0       2.8       433
28 03 78 1215             .3            0.490      1.10      0.039      3.23       3.759      0.610      4.369      387.       18.        369
17 04 78 1045             .3            0.212      0.700     0.031      3.170      3.413      0.488      3.901      283.0      13.0
23 05 78 1440             .3            0.010      0.670     0.044      2.010      2.064      0.660      2.724      351.0       3.6       347
14 06 78 1030             .3            0.096      0.780     0.065      2.180      2.341      0.684      3.025      416.       13.        403
12 07 78 1415             .3            0.048      0.830     0.043      1.740      1.831      0.782      2.613      405.0       9.7       395
01 08 78 1055             .3            0.028      0.590     0.017      1.480      1.525      0.562      2.087      338.0      12.0       326
26 09 78 1500             .3            0.026      0.710     0.041      3.010      3.077      0.684      3.761      428.0       9.0       419
22 11 78 1500             .3            0.380      1.16      0.044      2.81       3.234      0.780      4.014      436.        7.        429
06 12 78 1000             .3            0.427      1.32      0.042      2.91       3.379      0.893      4.272      482.       38.        444

                     MAXIMUM            1.480      2.060     0.155      3.700      4.792      0.893      5.335      558.0      38.        554
          AVG OR GEOM MN (*)            0.613      1.253     0.053      2.837      3.502      0.640      4.142      452.2       9.3       451
                     MINIMUM            0.010      0.590     0.017      1.480      1.525      0.397      2.087      283.0       1.6       326

               NO OF SAMPLES              23         23        23         23         23         23         23         23         23         22

                                        107          14        16         56          59        280         95         52         55        208
SAMP DTE HOUR  STN  STN SAMP  PJ     CALCUL        COND.     TURB.    CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK               TOTAL
DY MO YR LMT   DIST BRG DEPTH        D-SOLIDS        25C  FORMAZIN       MG/L               SILICATE     PH 8.3     AT LAB        PH      IRON
               FEET     MTRS         MG/L          UMHOS     UNITS                   MG/L   SI MG/L       MG/L       MG/L     AT LAB      MG/L

04 01 78 1155             .3                                                         56.0
11 01 78 1005             .3                        795      3.10       67.0        59.0       3.35        3.9        270       8.04      0.180
17 01 78 1430             .3                        710      3.10       41.0        51.0       3.40        8.0        268       7.88      0.290
18 01 78 1440             .3                        725      3.60       45.5        54.0       3.35        1.4        270       8.26      0.250
24 01 78 1130             .3                        780      3.80       53.0        60.0       3.50        4.9        267       8.02      0.180
31 01 78 1220             .3                        710      2.60       47.0        53.0       3.70       20.0        255       7.59      0.180
07 02 78 1100             .3                        720      8.30       45.0        57.0       3.75        3.8        266       8.11      0.890
14 02 78 1005             .3                        795      4.10       61.0        68.0       3.75        4.0        265       8.12      0.220
15 02 78 1400             .3                        810      5.80       65.0        75.0       3.80        2.1        262       8.22      0.240
22 02 78 0955             .3                        835      3.20       70.0        78.0       3.80        4.4        278       8.12      0.230
27 02 78 1305             .3                        900      3.20       98.0        70.0       3.30        1.5        251       8.24      0.120
06 03 78 0920             .3                        815      2.40       63.0        73.0       3.55        2.4        264       8.14      0.220
13 03 78 1230             .3                        880      4.80       90.0        73.0       3.10        0.7        238       8.25      0.310
15 03 78 1645             .3                        810     17.00       99.0        61.0       2.75        1.3        204       8.23      0.740
20 03 78 0950             .3                        705      6.30       53.0        54.0       2.85        1.4        242       8.24      0.420
28 03 78 1215             .3                        605     14.          41.0        38.5       2.85        2.3        220       8.16      0.32
17 04 78 1045             .3            270         415     12.00       16.5         5.5       1.95        0.4        170       8.28      0.800
23 05 78 1440             .3                        525      5.10       31.0        35.5       0.60        0.0        203       8.49      0.280
14 06 78 1030             .3                        640      3.6        57.         61.0       1.40        0.         197       8.41      0.14
12 07 78 1415             .3                        600      3.60       58.0        60.0       2.05        0.0        172       8.68      0.320
01 08 78 1055             .3                        520      4.20       38.0        46.0       1.15        0.0        182       8.48      0.340
26 09 78 1500             .3                        630      5.70       52.0        68.0       2.00        0.0        185       8.57      0.190
22 11 78 1500             .3                        700      6.9        55.         67.5       2.30        6.2        221       8.21      0.32
06 12 78 1000             .3                        700     22.         58.         70.        2.95        6.9        230       8.04      1.2

                     MAXIMUM            270         900     22.         99.0        78.0       3.80       20.0        278       8.68      1.2
          AVG OR GEOM MN (*)            270         710      6.45       57.0        58.1       2.84        3.3        234       8.21      0.364
                     MINIMUM            270         415      2.40       16.5         5.5       0.60        0.0        170       7.59      0.120

               NO OF SAMPLES              1          23        23         23          24         23         23         23         23         23
```

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT GLEN MORRIS BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 10 LAT: LONG: U T M: 17 0552950.0 4791525.0 4 REGION: 02 MILEAGE: 82.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
04 01 78	1155			.3		1.0L		95.00	26.00		2.50	29.00	37		0.100
11 01 78	1005			.3		1.0L	335.0	92.00	25.50	20	2.60	45.00	34	0.001L	0.100
17 01 78	1430			.3		1.0L	330.0	90.00	25.50	30	2.50	25.00	49	0.001	0.060
18 01 78	1440			.3		1.5	351.0	101.00	24.00	30	2.55	29.00	49	0.005	0.200
24 01 78	1130			.3		1.0L	325.0	87.00	25.00	15	2.80	33.00	21	0.001L	0.180
31 01 78	1220			.3		1.0L	311.0	84.00	24.50	15	2.70	29.00	21	0.001L	0.050L
07 02 78	1100			.3		1.0L	330.0	91.00	25.00	20	2.50	28.00	63	0.001	0.070
14 02 78	1005			.3		1.0L	341.0	93.00	26.50		2.85	39.00	34	0.001L	0.060
15 02 78	1400			.3		1.0	329.0	89.00	26.00	30	3.20	44.00	43	0.001L	0.120
22 02 78	0955			.3		1.0L	339.0	93.00	26.00	20	3.00	48.00	34	0.001L	0.110
27 02 78	1305			.3		1.0	332.0	90.00	26.00	20	2.90	65.00	35	0.001L	0.120
06 03 78	0920			.3		1.0L	350.0	95.00	27.50	20	2.95	40.00	24	0.001L	0.100
13 03 78	1230			.3		11.0	318.0	86.00	25.00	20	3.10	69.00	39	0.001L	0.130
15 03 78	1645			.3		1.0	269.0	73.00	21.00	30	3.05	67.00	50	0.001L	0.400
20 03 78	0950			.3		2.0	302.0	83.00	23.00	20	3.15	36.00	76	0.001L	
28 03 78	1215			.3		1.	265.	74.	19.5	40	2.8	24.	37	0.001	0.970
17 04 78	1045			.3		1.0L	202.0	56.00	15.00	35	2.15	9.90	29	0.001	0.860
23 05 78	1440			.3		1.0L	243.0	67.00	18.50	30	2.30	17.00	37	0.001	0.110
14 06 78	1030			.3		1. L	246.	64.	21.	34	2.15	10.2	18		
12 07 78	1415			.3		1.0L	205.0	56.00	22.00	38	3.20	41.00	53	0.001L	0.110
01 08 78	1055			.3		1.0L	229.0	58.00	20.50	27	2.50	24.00	39	0.001	0.35
26 09 78	1500			.3		1.0L	244.0	63.00	21.00	35	3.65	35.00	33	0.001	
22 11 78	1500			.3		1. L	289.	78.	23.	37	3.95	35.	62	0.001	0.310
06 12 78	1000			.3		2.	280.	75.	22.5	39	3.5	53.	39	0.001	1.000
MAXIMUM						11.0	351.0	101.00	27.50	40	3.95	69.00	76	0.005	1.000
AVG OR GEOM MN (*)						1.5D	294.1	80.54	23.31	28	2.86	36.46	40	0.001D	0.262D
MINIMUM						1.0	202.0	56.00	15.00	15	2.15	9.90	18	0.001	0.050
NO OF SAMPLES						24	23	24	24	22	24	24	24	22	21

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
04 01 78	1155			.3			0.010L			0.010L	0.022	0.020L	
11 01 78	1005			.3		0.020L	0.020	0.030L	0.005L	0.020	0.028	0.020L	0.020L
17 01 78	1430			.3		0.020L	0.010L	0.030L	0.005L	0.010	0.032	0.020L	0.020L
18 01 78	1440			.3		0.020L	0.010L	0.030L	0.005L	0.030	0.029	0.020L	0.020L
24 01 78	1130			.3		0.040L	0.010L	0.030L	0.005L	0.040	0.026	0.020	0.020L
31 01 78	1220			.3		0.020L	0.010	0.030L	0.005L	0.030	0.028	0.020L	0.020L
07 02 78	1100			.3		0.040L	0.010	0.030L	0.005L	0.040	0.092	0.020L	0.020L
14 02 78	1005			.3		0.020L	0.010L	0.030L	0.005L	0.040	0.033	0.020L	0.020L
15 02 78	1400			.3		0.020L	0.030	0.030L	0.005L	0.060	0.036	0.020L	0.020L
22 02 78	0955			.3		0.020L	0.010L	0.030L	0.005L	0.050	0.036	0.020	0.020L
27 02 78	1305			.3		0.020L	0.010L	0.030L	0.005L	0.050	0.036	0.020L	0.020L
06 03 78	0920			.3		0.020L	0.020	0.030L	0.005L	0.080	0.036	0.020L	0.020L
13 03 78	1230			.3		0.020L	0.010L	0.030L	0.005L	0.030	0.047	0.020L	0.020L
15 03 78	1645			.3		0.020L	0.020	0.030L	0.005L	0.058	0.056	0.020L	0.020L
20 03 78	0950			.3							0.048		0.020L
28 03 78	1215			.3		0.040L	0.010	0.030L	0.005L	0.020	0.024	0.020L	0.020L
17 04 78	1045			.3		0.040	0.020	0.030L	0.005L	0.020	0.045	0.020L	0.020L
23 05 78	1440			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.040	0.020L	0.020L
14 06 78	1030			.3							0.014		
12 07 78	1415			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.041	0.020L	0.020L
01 08 78	1055			.3		0.04 L	0.01	0.03 L	0.005L	0.01 L	0.039	0.02 L	0.02 L
26 09 78	1500			.3							0.023		
22 11 78	1500			.3		0.020L	0.010L	0.030L	0.005L	0.020	0.028	0.030	0.020L
06 12 78	1000			.3		0.020L	0.020L	0.030L	0.005L	0.050	0.076	0.020L	0.020L
MAXIMUM						0.040	0.030	0.030	0.005	0.080	0.092	0.030	0.020
AVG OR GEOM MN (*)						0.025D	0.014D	0.030D	0.005D	0.033D	0.038	0.020D	0.020D
MINIMUM						0.020	0.010	0.030	0.005	0.010	0.014	0.020	0.020
NO OF SAMPLES						20	21	20	20	21	24	21	21

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM GALT STP UL-22
STATION TYPE: RIVER FLOW GAUGE FED 02GA003

PLUARG

STATION ID: 16-0184-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 11 LAT: LONG: U T M: 17 0555550.0 4796050.0 4 REGION: 02 MILEAGE: 86.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
04 01 78	1120			.3		39006	6	890.00	30.	10. L	10.	2.0	11.0	1.0	0.107
05 01 78	1630			.3		45812	2 3 0	879.00				0.0			0.100
11 01 78	0950			.3		39029	6	862.00	1500.	20.	70.	2.0	11.0	0.6	0.093
	1540			.3		45828	2 3 0	862.00				0.0			0.115
17 01 78	1415			.3		39044	6	922.00	50.	12.	8.	0.0	13.0	1.4	0.068
18 01 78	0920			.3		39045	6	961.00	70.	10.	10. L	2.0	11.2	1.0	0.074
23 01 78	1610			.3		45844	2 3 0	780.00				0.0			0.077
24 01 78	1115			.3		39063	6	749.00	310.	4.	4.	2.0	13.9	1.0	0.120
30 01 78	1455			.3		45859	2 3 0	929.00				0.0			0.087
31 01 78	1210			.3		39071	6	950.00	100.	4.	10.	1.5	12.0	0.2	0.109
07 02 78	1045			.3		39103	6	749.00	520.	10. L	8.	2.0	10.4	1.0	0.100
10 02 78	1435			.3		45876	2 3 0	689.00				0.0			0.101
14 02 78	1445			.3		39104	6	625.00	52.	4.	4. L	1.0	12.0	1.0	0.070
15 02 78	1345			.3		39124	6	611.00	196.	2.	10.	4.0	11.2	2.4	0.098
22 02 78	0945			.3		39131	6	551.00	350.	14.	30.	2.0	13.0	0.8	0.084
27 02 78	1255			.3		39138	6	533.00	20.	2.	22.	2.0	13.6	1.0	0.074
06 03 78	0855			.3		39154		526.00	190.	4. L	20.			1.2	0.094
13 03 78	1215			.3		39161	6	526.00	40.	2. L	2. L	3.0	12.8	1.2	0.091
15 03 78	1045			.3		39178	6	742.00	1180.	48.	94.	3.0	11.6	2.8	0.112
20 03 78	0935			.3		39197	6	950.00	50.	4.	54.	3.0	11.2	2.2	0.106
28 03 78	1205			.3		39204	6	2660.00	430.	36.	38.	2.0	11.4	2.4	0.128
02 04 78	1530			.3		46002	2 3 0	6990.00							0.290
03 04 78	1340			.3		46826	2 3 0	6430.00				0.0			0.212
04 04 78	1020			.3		46829	2 3 0	5230.00				2.2			
05 04 78	1010			.3		46832	2 3 0	6250.00				3.0			0.238
06 04 78	0940			.3		46835	2 3 0	6960.00				2.5			0.312
07 04 78	0940			.3		46839	2 3 0	8230.00				3.5			0.310

12 04 78	1425	.3	46034	2 3 0	11000.00				5.0			0.238
13 04 78	1500	.3	46039	2 3 0	11800.00				4.5			0.312
14 04 78	1645	.3	46045	2 3 0	15100.00				3.0			0.184
17 04 78	1510	.3	46049	2 3 0	4030.00				7.0			0.076
	1535	.3	39218	6	4030.00	480.	4.	16.	8.0	11.2	1.0	0.068
11 05 78	1745	.3	46060	2 3 0	1260.00				18.0			0.055
23 05 78	0915	.3	39293	6	1660.00	240.	4.	2. L	16.0	7.2	1.4	0.066
01 06 78	1715	.3	46073	2 3 0	675.00				24.0			0.199
14 06 78	1510	.3	39469	6	685.00	1500. G	14.	6.	16.0	10.8	1.5	0.078
12 07 78	0925	.3	39509	6	509.00	400.	24.	16.	20.5	7.9	2.0	0.112
18 07 78	1615	.3	46095	2 3 0	498.00				25.5		1.2	0.130
01 08 78	1520	.3	39536	6	540.00	130.	32.	64.	23.5	9.6	0.8	0.089
11 09 78	1730	.3	46195	2 3 0	473.00				21.0		1.0	0.152
18 09 78	1830	.3	46851	2 4 0	1490.00						2.0	0.184
26 09 78	1015	.3	39601	6	630.00	7900.	192.	60.	14.0	9.8	1.0	0.151
17 10 78	1820	.3	46384	2 3 0	509.00				10.0		1.0	0.119
23 10 78	1800	.3	46386	2 3 0	604.00				11.0		1.4	0.112
22 11 78	0945	.3	39685	6	715.00	600.	30.	30.	3.0	11.4	1.8	0.110
06 12 78	1525	.3	39711	6	1320.00	1840.	250.	340.	2.0	12.2	2.2	0.122
MAXIMUM					15100.00	7900.	250.	340.	25.5	13.9	2.8	0.312
AVG OR GEOM MN (*)					2512.26	247.* U	11.* D	17.* D	6.4	11.3	1.4	0.132
MINIMUM					473.00	20.	2.	2.	0.0	7.2	0.2	0.055
NO OF SAMPLES					46	24	24	24	43	23	29	45

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	29 FILTERED NO2 +NO3 MG/L	5 TOTAL SOLIDS MG/L
04 01 78	1120			.3		0.065	0.372	0.860	0.115	3.450	3.937	0.488	4.425		449.0
05 01 78	1630			.3		0.056	0.114	1.230				1.116	4.230	3.000	
11 01 78	0950			.3		0.056	0.780	1.360	0.060	2.750	3.590	0.580	4.170		484.0
	1540			.3		0.051	0.800	1.470				0.670	4.120	2.650	
17 01 78	1415			.3		0.033	0.662	1.220	0.028	2.570	3.260	0.558	3.818		448.0
18 01 78	0920			.3		0.038	0.770	1.490	0.057	4.820	5.647	0.720	6.367		468.0
23 01 78	1610			.3		0.045	1.070	1.620				0.550	3.840	2.220	
24 01 78	1115			.3		0.070	1.100	1.740	0.047	2.950	4.097	0.640	4.737		485.0
30 01 78	1455			.3		0.051	0.892	1.410				0.518	4.010	2.600	
31 01 78	1210			.3		0.068	1.520	2.160	0.075	2.690	4.285	0.640	4.925		440.0
07 02 78	1045			.3		0.071	0.720	1.270	0.082	2.840	3.642	0.550	4.192		467.0
10 02 78	1435			.3		0.064	0.184	1.550				1.366	4.400	2.850	
14 02 78	1445			.3		0.057	0.682	1.190	0.077	3.480	4.239	0.508	4.747		477.0
15 02 78	1345			.3		0.062	1.340	2.300	0.122	2.650	4.112	0.960	5.072		532.0
22 02 78	0945			.3		0.055	0.900	1.310	0.160	3.530	4.590	0.410	5.000		
27 02 78	1255			.3		0.057	0.630	1.250	0.073	3.870	4.573	0.620	5.193		559.0
06 03 78	0855			.3		0.052	1.200	1.620	0.057	3.890	5.147	0.420	5.567		540.0
13 03 78	1215			.3		0.047	1.000	1.610	0.048	3.720	4.768	0.610	5.378		604.0
15 03 78	1045			.3		0.044	1.140	1.920	0.069	2.700	3.909	0.780	4.689		524.0
20 03 78	0935			.3		0.048	0.750	1.370	0.027	3.270	4.047	0.620	4.667		454.0
28 03 78	1205			.3		0.057	0.470	1.10	0.040	3.21	3.720	0.630	4.350		387.
02 04 78	1530			.3		0.110	0.430	1.260				0.830	4.860	3.600	
03 04 78	1340			.3		0.073	0.374	1.220				0.846	4.870	3.650	
04 04 78	1020			.3		0.070	0.398							3.750	
05 04 78	1010			.3		0.071	0.342	1.280				0.938	1.640	0.360	
06 04 78	0940			.3		0.083	0.318	1.680				1.362	5.180	3.500	
07 04 78	0940			.3		0.076	0.294	1.440				1.146	4.940	3.500	
12 04 78	1425			.3		0.078	0.228	1.180				0.952	3.810	2.630	
13 04 78	1500			.3		0.058	0.188	1.380				1.192	3.860	2.480	
14 04 78	1645			.3		0.043	0.186	1.080				0.894	2.880	1.800	
17 04 78	1510			.3		0.037	0.230	0.750				0.520	3.180	2.430	
	1535			.3		0.037	0.180	0.630	0.027	2.440	2.647	0.450	3.097		284.0
11 05 78	1745			.3		0.010	0.172	0.830				0.658	3.010	2.180	
23 05 78	0915			.3		0.020	0.066	0.730	0.076	2.130	2.272	0.664	2.936		350.0
01 06 78	1715			.3		0.065	0.188	1.370				1.182	3.750	2.380	
14 06 78	1510			.3		0.035	0.148	0.92	0.165	2.03	2.343	0.772	3.115		427.
12 07 78	0925			.3		0.035	0.086	0.870	0.069	1.760	1.915	0.784	2.699		416.0
18 07 78	1615			.3		0.038	0.030	0.840				0.810	3.030	2.190	
01 08 78	1520			.3		0.035	0.044	0.610	0.020	2.330	2.394	0.566	2.960		361.0
11 09 78	1730			.3		0.055	0.142	0.800				0.658	2.800	2.000	
18 09 78	1830			.3		0.043	0.142	0.960				0.818	2.260	1.300	
26 09 78	1015			.3		0.080	0.092	0.740	0.165	2.930	3.187	0.648	3.835		448.0
17 10 78	1820			.3		0.054	0.141	0.920				0.779	3.720	2.800	
23 10 78	1800			.3		0.031	0.008	0.790				0.782	3.040	2.250	
22 11 78	0945			.3		0.051	0.366	1.16	0.053	2.60	3.019	0.794	3.813		462.
06 12 78	1525			.3		0.036	0.450	1.16	0.039	2.71	3.199	0.710	3.909		449.
MAXIMUM						0.110	1.520	2.300	0.165	4.820	5.647	1.366	6.367	3.750	604.0
AVG OR GEOM MN (*)						0.054	0.486	1.237	0.073	2.972	3.689	0.749	4.024	2.551	457.2
MINIMUM						0.010	0.008	0.610	0.020	1.760	1.915	0.410	1.640	0.360	284.0
NO OF SAMPLES						46	46	45	24	24	24	45	45	22	23

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
04 01 78	1120			.3		3.6			735	2.80	43.5				
05 01 78	1630			.3		3.1			790	3.10			0.210	1.0	7.0
11 01 78	0950			.3		2.2	482		800	3.20	69.0	57.0			7.0
	1540			.3		8.7			790	4.40					7.0
17 01 78	1415			.3		8.4	440		710	5.10	39.5	52.0			7.0
18 01 78	0920			.3		2.8	465		745	3.60	49.5	55.0			7.0
23 01 78	1610			.3		9.3			765	5.40				1.0L	
24 01 78	1115			.3		8.1	477		780	6.60	59.0	62.0			
30 01 78	1455			.3		5.3			720	4.50					
31 01 78	1210			.3		9.3	431		710	5.80	47.0	55.0			
07 02 78	1045			.3		4.9	462		725	3.30	48.5	57.0			
10 02 78	1435			.3		5.1			830	2.90			0.210	4.0	3.0
14 02 78	1445			.3		6.0	471		755	4.60	53.0	68.0			3.0
15 02 78	1345			.3		6.1	526		845	7.30	73.0	70.0			3.0
22 02 78	0945			.3		3.7			810	3.80	60.0	73.0			3.0
27 02 78	1255			.3		4.7	554		900	4.80	93.0	75.0			3.0
06 03 78	0855			.3		1.8	538		830	3.20	63.0	75.0			3.0
13 03 78	1215			.3		6.5	598		985	5.00	652.0	78.0			3.0
15 03 78	1045			.3		21.0	503		835	21.00	99.0	64.0			3.0
20 03 78	0935			.3		9.0	445		715	6.70	53.0	56.0			3.0
28 03 78	1205			.3		22.	365		600	14.	38.0	37.5			3.0
02 04 78	1530			.3		106.0			419	32.00			2.900	1.0L	
03 04 78	1340			.3		67.0			421	26.00			2.100	1.0L	5.1
04 04 78	1020			.3		42.0								1.0	
05 04 78	1010			.3		85.0			435	34.00			3.300	1.0L	5.0
06 04 78	0940			.3		141.0			405	46.00			4.700	2.0	5.2
07 04 78	0940			.3		138.0			420	53.00			4.400	1.0L	4.4
12 04 78	1425			.3		126.0			365	70.00			4.500	1.0L	5.7
13 04 78	1500			.3		218.0			360	81.00			7.000	1.0L	5.5
14 04 78	1645			.3		95.0			350	50.00			3.200	1.0L	5.0
17 04 78	1510			.3		13.0			430	12.00				1.0L	5.0
	1535			.3		14.0		270	415	14.00	16.5	27.0			5.0
11 05 78	1745			.3		4.9			570	2.80			0.170		5.7

(C O N T D)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM GALT STP UL-22
STATION TYPE: RIVER FLOW GAUGE FED 02GA003

PLUARG

STATION ID: 16-0184-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 11 LAT: LONG: U T M: 17 0555550.0 4796050.0 4 REGION: 02 MILEAGE: 86.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
23 05 78	0915			.3		7.0	343		525	4.70	28.5	37.0			5.7
01 06 78	1715			.3		11.0			690	2.50			0.120		5.8
14 06 78	1510			.3		24.	403		640	4.1	60.	60.			5.8
12 07 78	0925			.3		17.0	399		630	6.80	58.0	61.0			5.8
18 07 78	1615			.3		12.0			640		69.0				
01 08 78	1520			.3		13.0	348		560	6.10	49.5				
11 09 78	1730			.3		13.0			640		60.0				
18 09 78	1830			.3		75.0			445		33.5				
26 09 78	1015			.3		13.0	435		700	5.50	61.0	73.0			
17 10 78	1820			.3		10.0			710		70.0				
23 10 78	1800			.3		21.0			630		53.0				
22 11 78	0945			.3		10.	452		710	7.0	65.				
06 12 78	1525			.3		28.	421		680	18.	56.	60.			
MAXIMUM						218.0	598	270	985	81.00	652.0	78.0	7.000	4.0	7.0
AVG OR GEOM MN (*)						31.6	455	270	648	14.92	76.6	59.6	2.734	1.30	4.8
MINIMUM						1.8	343	270	350	2.50	16.5	27.0	0.120	1.0	3.0
NO OF SAMPLES						46	21	1	45	40	29	21	12	13	29

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
05 01 78	1630			.3					0.007	0.003L	0.001L	0.041	
11 01 78	0950			.3					0.007	0.003L	0.001L	0.041	
	1540			.3					0.007	0.003L	0.001L	0.041	
17 01 78	1415			.3					0.007	0.003L	0.001L	0.041	
18 01 78	0920			.3					0.007	0.003L	0.001L	0.041	
23 01 78	1610			.3					0.008	0.003L	0.001L	0.052	
24 01 78	1115			.3					0.008	0.003L	0.001L	0.052	
30 01 78	1455			.3					0.008	0.003L	0.001L	0.052	
31 01 78	1210			.3					0.008	0.003L	0.001L	0.052	
07 02 78	1045			.3					0.008	0.003L	0.001L	0.052	
10 02 78	1435			.3					0.008	0.003L	0.001L	0.040	
14 02 78	1445			.3					0.008	0.003L	0.001L	0.040	
15 02 78	1345			.3					0.008	0.003L	0.001L	0.040	
22 02 78	0945			.3					0.008	0.003L	0.001L	0.040	
27 02 78	1255			.3					0.008	0.003L	0.001L	0.040	
06 03 78	0855			.3					0.008	0.003L	0.001L	0.040	
13 03 78	1215			.3					0.008	0.003L	0.001L	0.040	
15 03 78	1045			.3					0.008	0.003L	0.001L	0.040	
20 03 78	0935			.3					0.008	0.003L	0.001L	0.040	
28 03 78	1205			.3					0.008	0.003L	0.001L	0.040	
02 04 78	1530			.3					0.008	0.004L	0.001L	0.037	
03 04 78	1340			.3			0.140		0.005	0.030L	0.001L	0.026	
04 04 78	1020			.3			0.050L		0.004	0.003L	0.001L	0.024	
05 04 78	1010			.3			0.050		0.006	0.003L	0.001L	0.029	
06 04 78	0940			.3			0.080		0.008	0.003L	0.001L	0.032	
07 04 78	0940			.3			0.140		0.012	0.010	0.001L	0.044	
12 04 78	1425			.3		0.002	0.090	0.007	0.007	0.003L	0.001L	0.036	0.004
13 04 78	1500			.3		0.002	0.040	0.006	0.010	0.008	0.001L	0.054	0.008
14 04 78	1645			.3		0.001	0.070	0.006	0.007	0.003L	0.001L	0.033	0.003
17 04 78	1510			.3		0.001	0.070	0.006	0.007	0.003L	0.001L	0.033	0.003
	1535			.3		0.001	0.070	0.006	0.007	0.003L	0.001L	0.033	0.003
01 06 78	1715			.3						0.003L			
14 06 78	1510			.3						0.003L			
12 07 78	0925			.3						0.003L			
18 07 78	1615			.3						0.003L			
01 08 78	1520			.3						0.003L			
11 09 78	1730			.3						0.006		0.020	
18 09 78	1830			.3						0.008		0.038	
26 09 78	1015			.3						0.008		0.038	
17 10 78	1820			.3						0.003L		0.022	
23 10 78	1800			.3						0.010		0.027	
22 11 78	0945			.3						0.010		0.027	
06 12 78	1525			.3						0.010		0.027	
MAXIMUM						0.002	0.140	0.007	0.012	0.030	0.001	0.054	0.008
AVG OR GEOM MN (*)						0.001	0.080D	0.006	0.008	0.005D	0.001D	0.038	0.004
MINIMUM						0.001	0.040	0.006	0.004	0.003	0.001	0.020	0.003
NO OF SAMPLES						5	10	5	31	43	31	38	5

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BLAIR BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 12 LAT: LONG: U T M: 17 0549625.0 4803700.0 4 REGION: 02 MILEAGE: 94.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78	1100			.3		39004	4	100.	10. L	10. L	2.0	10.5	1.0	0.123	0.080
11 01 78	1040			.3		39027	4	50.	10. L	40.	1.0	11.0	2.0	0.350	0.058
17 01 78	1340			.3		39040	4	10.	10.	48.	0.5	13.0	1.8	0.124	0.057
24 01 78	1212			.3		39061	4	4. L	4. L	4. L	2.0	10.6	0.4	0.112	0.073
31 01 78	1145			.3		39069	4	10.	10. L	10. L	1.0	10.0	1.0	0.350	0.130
07 02 78	1150			.3		39099	4	4.	4. L	4. L	2.0	9.6	0.6	0.162	0.120
15 02 78	1420			.3		39122	6	4. L	2. L	2. L	3.0	10.5	1.0	0.105	0.100
22 02 78	1225			.3		39129	6	4.	2. L	2. L	2.0	12.8	0.2	0.168	0.105
27 02 78	0915			.3		39136	6	4. L	2. L	2.	2.0	12.4	0.2	0.086	0.052
06 03 78	1505			.3		39150	6	4.	2. L	4.	5.0	12.6	0.2	0.098	0.059
13 03 78	0945			.3		39159	6	4.	2. L	2. L	3.0	9.8	0.6	0.134	0.071
20 03 78	1020			.3		39195	6	232.	4.	4.	3.0	11.0	2.0	0.152	0.062
28 03 78	1010			.3		39202	6	364.	12.	16.	2.0	11.6	1.8	0.129	0.075
11 04 78	1410			.3		39216	3	5500.	630.	1030.	4.5	9.5	4.0	0.695	0.130
15 05 78	1230			.3		39284	6	1200.	200.	80.	11.0	8.2	1.4	0.077	0.015
07 06 78	1005			.3		39467	6	600.	10. L	100. L	17.5	7.6	1.4	0.076	0.044
11 07 78	1315			.3		39507	5 7	400.	4.	4. L	21.0	10.2	0.8	0.076	0.020
22 08 78	0943			.3		39573	7 9	200.	80.	8.	20.5	8.2	1.0	0.071	0.056
19 09 78	1505			.3		39599	9	50000.	880.	520.	13.5	8.5	2.6	0.314	0.033

(C O N T D)

04 10 78 1035	.3	39625	9	6000.	170.	580.	14.0	9.8	2.8	0.156	0.043
15 11 78 1515	.3	39664	7	700.	10. L	10.	6.5	11.6	1.2	0.094	0.068
05 12 78 0925	.3	39709	6 8	1040.	40.	104.	2.0	11.4	2.2	0.106	0.046
MAXIMUM				50000.	880.	1030.	21.0	13.0	4.0	0.695	0.130
AVG OR GEOM MN (*)				97.* D	13.* D	17.* D	6.3	10.5	1.4	0.171	0.068
MINIMUM				4.	2.	2.	0.5	7.6	0.2	0.071	0.015
NO OF SAMPLES				22	22	22	22	22	22	22	22

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1100			.3		0.244	0.850	0.170	3.390	3.804	0.606	4.410	461.0	2.0	
11 01 78 1040			.3		0.320	1.480	0.080	2.830	3.430	0.960	4.390	496.0	24.0	472
17 01 78 1340			.3		0.834	1.800	0.054	4.280	5.168	0.966	6.134	738.0	6.4	732
24 01 78 1212			.3		0.740	1.400	0.048	3.000	3.788	0.660	4.448	472.0	3.1	469
31 01 78 1145			.3		0.710	1.600	0.130	2.930	3.770	0.890	4.660	492.0	52.0	440
07 02 78 1150			.3		0.610	1.180	0.090	3.720	4.420	0.570	4.990	528.0	3.4	525
15 02 78 1420			.3		0.733	1.430	0.083	3.480	4.296	0.697	4.993	553.0	7.2	546
22 02 78 1225			.3		0.710	1.300	0.245	3.420	4.375	0.590	4.965	528.0	3.7	524
27 02 78 0915			.3		0.460	0.980	0.089	3.930	4.479	0.520	4.999	535.0	4.0	531
06 03 78 1505			.3		0.480	0.970	0.054	5.200	5.734	0.490	6.224	545.0	3.0	542
13 03 78 0945			.3		0.750	1.560	0.048	4.350	5.148	0.810	5.958	580.0	5.4	575
20 03 78 1020			.3		0.730	1.390	0.026	3.490	4.246	0.660	4.906	461.0	17.0	444
28 03 78 1010			.3		0.500	0.97	0.037	3.41	3.947	0.470	4.417	385.	22.	363
11 04 78 1410			.3		0.298	2.45	0.064	3.39	3.752	2.152	5.904	654.	417.	
15 05 78 1230			.3		0.038	0.79	0.030	2.85	2.918	0.752	3.670	354.	24.	330
07 06 78 1005			.3		0.104	0.700	0.046	2.230	2.380	0.596	2.976	380.0	4.6	375
11 07 78 1315			.3		0.044	0.690	0.024	1.560	1.628	0.646	2.274	372.0	6.4	360
22 08 78 0943			.3		0.038	0.79	0.022	1.28	1.340	0.752	2.092	342.	19.	323
19 09 78 1505			.3		0.118	1.500	0.092	1.260	1.470	1.382	2.852	426.0	114.0	312
04 10 78 1035			.3		0.030	0.840	0.140	1.410	1.580	0.810	2.390	374.0	39.0	335
15 11 78 1515			.3		0.104	0.810	0.065	2.390	2.559	0.706	3.265	433.0	3.0	430
05 12 78 0925			.3		0.419	1.19	0.038	2.36	2.817	0.771	3.588	440.	13.	427
MAXIMUM					0.834	2.45	0.245	5.200	5.734	2.152	6.224	738.0	417.	732
AVG OR GEOM MN (*)					0.419	1.212	0.076	3.007	3.502	0.793	4.296	479.5	36.1	453
MINIMUM					0.030	0.690	0.022	1.260	1.340	0.470	2.092	342.	2.0	312
NO OF SAMPLES					22	22	22	22	22	22	22	22	22	20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
04 01 78 1100			.3			740	2.90	39.0	
11 01 78 1040			.3			770	14.00	50.0	59.0
17 01 78 1340			.3			1145	6.70	90.0	80.0
24 01 78 1212			.3			775	3.90	51.0	65.0
31 01 78 1145			.3			730	17.00	45.5	58.0
07 02 78 1150			.3			805	3.20	51.0	71.0
15 02 78 1420			.3			855	4.80	68.0	75.0
22 02 78 1225			.3			835	3.60	60.0	88.0
27 02 78 0915			.3			845	3.50	65.0	80.0
06 03 78 1505			.3			830	3.10	60.0	88.0
13 03 78 0945			.3			915	5.30	94.0	83.0
20 03 78 1020			.3			725	9.70	56.0	57.0
28 03 78 1010			.3			600	15.	34.0	33.5
11 04 78 1410			.3		237	365	170.	14.5	23.5
15 05 78 1230			.3			450	8.0	18.5	30.0
07 06 78 1005			.3			620	2.30	52.0	62.0
11 07 78 1315			.3			560	4.10	45.0	62.0
22 08 78 0943			.3			510	8.0	35.5	49.5
19 09 78 1505			.3			475	5.90	29.0	51.0
04 10 78 1035			.3			540	23.00	43.0	56.0
15 11 78 1515			.3			690	3.20	61.0	80.0
05 12 78 0925			.3			720	6.1	60.	70.
MAXIMUM					237	1145	170.	94.0	88.0
AVG OR GEOM MN (*)					237	705	14.70	51.0	63.2
MINIMUM					237	365	2.30	14.5	23.5
NO OF SAMPLES					1	22	22	22	21

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: AT BEAVERDALE BRIDGE DOWNSTREAM OF HESPELER
STATION TYPE: RIVER

STATION ID: 16-0184-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 13 LAT: LONG: U T M: 17 0553950.0 4807700.0 4 REGION: 02 MILEAGE: 96.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0850			.3		39030	6	200.	4.	8.	2.0	10.0	1.0	0.068	0.040
07 02 78 1615			.3		39088	6	4900.	140.	236.	1.0	11.5	3.0	0.099	0.038
06 03 78 0955			.3		39139	6	1300.	8.	164.	3.5	13.1	2.5	0.127	0.042
11 04 78 0915			.3		39205	3	1900.	84.	300.	7.0	10.5	2.2	0.056	0.017
15 05 78 0910			.3		39273	6	320.	56.	32.	11.0	9.2	2.0	0.106	0.042
07 06 78 1415			.3		39456	6	13800E+1	640.	600. G	15.0	5.5	15.0	0.325	0.043
11 07 78 1000			.3		39496	6	230.	10.	30.	21.0	7.1	2.4	0.093	0.022
22 08 78 1530			.3		39562	7	430.	130.	20.	24.0	11.1	1.0	0.091	0.022
19 09 78 1135			.3		39588	6	3200.	510.	560.	12.0	9.8	2.6	0.140	0.036
04 10 78 1415			.3		39614	7	2600.	230.	450.	14.0	10.2	2.2	0.068	0.011
15 11 78 1135			.3		39653	6	200.	20.	160.	7.0	11.4	2.2	0.054	0.018
05 12 78 1430			.3		39698	6	310.	4.	72.	1.5	12.4	2.6	0.046	0.015
MAXIMUM							13800E+1	640.	600.	24.0	13.1	15.0	0.325	0.043
AVG OR GEOM MN (*)							1152.*	48.*	110.* U	9.9	10.2	3.2	0.106	0.029
MINIMUM							200.	4.	8.	1.0	5.5	1.0	0.046	0.011
NO OF SAMPLES							12	12	12	12	12	12	12	12

(CONTD)

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: AT BEAVERDALE BRIDGE DOWNSTREAM OF HESPELER
STATION TYPE: RIVER

STATION ID: 16-0184-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 13 LAT: LONG: U T M: 17 0553950.0 4807700.0 4 REGION: 02 MILEAGE: 96.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 0850			.3		1.190	1.590	0.043	2.380	3.613	0.400	4.013	431.0	2.9	428
07 02 78 1615			.3		1.380	2.010	0.045	1.910	3.335	0.630	3.965	454.0	5.5	448
06 03 78 0955			.3		2.300	2.750	0.056	2.220	4.576	0.450	5.026	483.0	4.9	478
11 04 78 0915			.3		0.346	0.84	0.053	1.78	2.179	0.494	2.673	307.	34.	273
15 05 78 0910			.3		0.150	0.83	0.071	1.33	1.551	0.680	2.231	330.	20.	310
07 06 78 1415			.3		4.650	6.800	0.825	0.450	5.925	2.150	8.075	829.0	7.8	821
11 07 78 1000			.3		0.160	0.860	0.070	1.810	2.040	0.700	2.740	412.0	15.0	397
22 08 78 1530			.3		0.070	0.69	0.040	1.81	1.920	0.620	2.540	409.	9.2	400
19 09 78 1135			.3		0.350	1.220	0.001	1.100	1.451	0.870	2.321	319.0	31.0	288
04 10 78 1415			.3		0.060	0.710	0.150	0.985	1.195	0.650	1.845	427.0	10.0	417
15 11 78 1135			.3		0.183	0.840	0.023	2.310	2.516	0.657	3.173	364.0	7.0	357
05 12 78 1430			.3		0.935	1.68	0.027	1.27	2.232	0.745	2.977	386.	5.	381
MAXIMUM					4.650	6.800	0.825	2.380	5.925	2.150	8.075	829.0	34.	821
AVG OR GEOM MN (*)					0.981	1.735	0.117	1.613	2.711	0.754	3.465	429.3	12.7	417
MINIMUM					0.060	0.69	0.001	0.450	1.195	0.400	1.845	307.	2.9	273
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
17 01 78 0850			.3		705	1.60	46.0	46.0
07 02 78 1615			.3		730	7.70	57.0	46.5
06 03 78 0955			.3		795	3.20	68.0	53.0
11 04 78 0915			.3		460	12.	28.5	29.5
15 05 78 0910			.3		460	5.0	20.5	27.0
07 06 78 1415			.3		1390	6.70	275.0	76.0
11 07 78 1000			.3		570	4.30	63.0	52.0
22 08 78 1530			.3		600	2.9	54.	52.
19 09 78 1135			.3		445	14.00	29.0	42.0
04 10 78 1415			.3		630	4.60	47.0	61.0
15 11 78 1135			.3		610	4.20	43.5	55.0
05 12 78 1430			.3		640	3.2	49.	60.
MAXIMUM					1390	14.00	275.0	76.0
AVG OR GEOM MN (*)					670	5.78	65.0	50.0
MINIMUM					445	1.60	20.5	27.0
NO OF SAMPLES					12	12	12	12

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGEPORT BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 15 LAT: LONG: U T M: 17 0541875.0 4814225.0 4 REGION: 02 MILEAGE: 110.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1015			.3		39002	6	200.	50.	10. L	2.0	10.5	1.4	0.028	0.012
11 01 78 1140			.3		39025	6	420.	20.	52.	1.0	10.4	0.2	0.034	0.014
17 01 78 0940			.3		39033	6	1070.	308.	96.	1.5	10.0	0.6	0.029	0.014
24 01 78 1305			.3		39059	6	1600.	164.	20.	2.0	12.5	0.4	0.042	0.022
31 01 78 1005			.3		39067	6	720.	300.	68.	1.0	9.8	0.4	0.042	0.008
07 02 78 1500			.3		39091	4	3500.	600.	440.	1.0	10.0	0.8	0.031	0.016
15 02 78 1545			.3		39120	4	5300.	710.	250.	2.0	10.6	0.4	0.035	0.030
22 02 78 1115			.3		39127	4	7600.	850.	820.	2.0	11.6	1.8	0.045	0.021
27 02 78 1145			.3		39134	4	600.	270.	130.	2.0	11.8	0.4	0.037	0.017
06 03 78 1100			.3		39142	4	1070.	60.	20.	2.0	10.8	0.4	0.049	0.034
13 03 78 1110			.3		39157	6	2500.	236.	146.	2.0	9.8	1.4	0.062	0.022
20 03 78 1135			.3		39193	6	2300.	444.	136.	2.5	10.2	1.8	0.101	0.034
28 03 78 0925			.3		39200	6	390.	10. L	140.	1.0	11.4	1.5	0.099	0.054
11 04 78 0955			.3		39208	3	11400.	850.	1500.	5.0	11.0	4.0	0.685	0.140
15 05 78 1000			.3		39276	6	900.	140.	100. L	10.0	8.2	1.0	0.069	0.012
07 06 78 1320			.3		39459	6	100. L	10. L	10. L	17.5	7.8	0.8	0.023	0.002
11 07 78 1050			.3		39499	6	100. L	4. L	4.	20.0	6.9	1.0	0.043	0.001
22 08 78 1155			.3		39565	6	160.	12.	10. L	21.5	9.2	0.8	0.043	0.002
19 09 78 1225			.3		39591	6	20000.	1600.	600. G	13.0	8.6	3.0	0.264	0.051
04 10 78 1330			.3		39617	6 B	4700.	690.	200.	13.5	10.0	1.4	0.061	0.015
15 11 78 1230			.3		39656	6				6.0	12.1	1.2	0.023	0.003
05 12 78 1210			.3		39701	6	5400.	1010.	950.	1.0	12.2	2.0	0.160	0.026
MAXIMUM							20000.	1600.	1500.	21.5	12.5	4.0	0.685	0.140
AVG OR GEOM MN (*)							1279.* D	151.* D	94.* E	5.9	10.2	1.2	0.091	0.025
MINIMUM							100.	4.	4.	1.0	6.9	0.2	0.023	0.001
NO OF SAMPLES							21	21	21	22	22	22	22	22

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1015			.3		0.066	0.580	0.012	2.550	2.628	0.514	3.142	411.0	1.1	
11 01 78 1140			.3		0.214	0.680	0.015	2.480	2.709	0.466	3.175	417.0	4.1	413
17 01 78 0940			.3		0.142	0.600	0.018	1.990	2.150	0.458	2.608	408.0	3.5	404
24 01 78 1305			.3		0.158	0.690	0.021	2.330	2.509	0.532	3.041	412.0	2.5	410
31 01 78 1005			.3		0.252	0.750	0.021	2.170	2.443	0.498	2.941	436.0	6.6	429
07 02 78 1500			.3		0.258	0.870	0.016	2.420	2.694	0.612	3.306	483.0	5.3	478
15 02 78 1545			.3		0.248	0.590	0.015	2.370	2.633	0.342	2.975	487.0	3.2	484
22 02 78 1115			.3		0.268	0.710	0.017	2.790	3.075	0.442	3.517	623.0	3.5	619
27 02 78 1145			.3		0.242	0.620	0.013			0.378		516.0	3.6	512
06 03 78 1100			.3		0.296	0.700	0.016	3.450	3.762	0.404	4.166	478.0	1.2	477
13 03 78 1110			.3		0.450	1.020	0.022	2.590	3.062	0.570	3.632	675.0	11.0	664
20 03 78 1135			.3		0.550	1.120	0.015	2.680	3.245	0.570	3.815	464.0	20.0	444
28 03 78 0925			.3		0.430	1.04	0.026	3.22	3.676	0.610	4.286	359.	18.	341
11 04 78 0955			.3		0.302	2.50	0.066	3.23	3.598	2.198	5.796	640.	419.	
15 05 78 1000			.3		0.052	0.76	0.028	2.52	2.600	0.708	3.308	286.	16.	
07 06 78 1320			.3		0.048	0.610	0.020	1.560	1.628	0.562	2.190	288.0	3.6	284
11 07 78 1050			.3		0.036	0.740	0.008	0.827	0.871	0.704	1.575	289.0	16.0	
22 08 78 1155			.3		0.040	0.67	0.005	0.325	0.370	0.630	1.000	261.	17.	
19 09 78 1225			.3		0.216	1.620	0.042	1.410	1.668	1.404	3.072	385.0	99.0	286
04 10 78 1330			.3		0.058	0.910	0.082	0.790	0.930	0.852	1.782	286.0	7.6	278
15 11 78 1230			.3		0.006	0.700	0.089	1.190	1.285	0.694	1.979	326.0	4.0	322
05 12 78 1210			.3		0.231	1.44	0.023	3.28	3.534	1.209	4.743	448.	59.	389
MAXIMUM					0.550	2.50	0.089	3.450	3.762	2.198	5.796	675.0	419.	664
AVG OR GEOM MN (*)					0.207	0.905	0.027	2.199	2.432	0.698	3.145	426.3	32.9	426
MINIMUM					0.006	0.580	0.005	0.325	0.370	0.342	1.000	261.	1.1	278
NO OF SAMPLES					22	22	22	21	21	22	21	22	22	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
04 01 78 1015			.3			660	2.60	20.5	
11 01 78 1140			.3			670	3.20	27.0	50.0
17 01 78 0940			.3			650	3.20	25.0	45.0
24 01 78 1305			.3			670	5.30	22.5	58.0
31 01 78 1005			.3			700	5.20	39.0	52.0
07 02 78 1500			.3			750	5.20	48.0	62.0
15 02 78 1545			.3			765	5.30	48.0	60.0
22 02 78 1115			.3			985	4.90	118.0	68.0
27 02 78 1145			.3			825	3.70		59.0
06 03 78 1100			.3			750	2.60	34.0	75.0
13 03 78 1110			.3			1105	14.00	178.0	60.0
20 03 78 1135			.3			720	18.00	57.0	48.0
28 03 78 0925			.3			550	13.	20.0	35.0
11 04 78 0955			.3		221	340	200.	10.5	21.5
15 05 78 1000			.3		270	415	7.2	12.0	25.0
07 06 78 1320			.3			455	2.10	20.5	50.0
11 07 78 1050			.3		273	420	5.60	15.0	39.0
22 08 78 1155			.3		244	375	11.	13.0	38.5
19 09 78 1225			.3			435	31.00	19.0	41.0
04 10 78 1330			.3			435	5.80	19.0	47.0
15 11 78 1230			.3			550	3.00	24.0	65.0
05 12 78 1210			.3			620	27.	115.	65.
MAXIMUM					273	1105	200.	178.0	75.0
AVG OR GEOM MN (*)					252	629	17.22	42.1	50.7
MINIMUM					221	340	2.10	10.5	21.5
NO OF SAMPLES					4	22	22	21	21

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA SEWAGE TREATMENT PLANT
STATION TYPE: RIVER
STATION ID: 16-0184-016-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150
STN NO: 16 LAT: LONG: U T M: 17 0537600.0 4825600.0 4 REGION: 02 MILEAGE: 125.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1410			.3		39021	6	5700.	100.	520.	1.0	11.0	1.4	0.300	0.166
06 02 78 1020			.3		39086	6	50000.	4100.	1200.	2.0	10.0	2.5	0.221	0.096
14 03 78 1500			.3		39176	6	14800E+1	8800.	6300.	4.0	9.2	8.5	3.780	2.900
18 04 78 1445			.3		39246	6	16000.	600.	1200.	8.5	10.0	0.8	0.196	0.105
16 05 78 1405			.3		39291	6	10000.	68.	400.	12.0	11.8	2.8	0.152	0.037
19 06 78 1430			.3		39487	8 0	39000.	136.	50.	20.0	12.1	5.0	0.380	0.255
25 07 78 1350			.3		39534	8 5	15000E+1G	2400.	76.	24.5	7.0	3.0	0.775	0.550
02 08 78 1040			.3		39560	8 5	15000E+1G	790.	10. L	22.0	7.1	2.2	0.398	0.275
13 09 78 1405			.3		39586	8 9	15000E+2G	1500. G	1200.	15.5	10.8	3.2	0.640	0.345
16 10 78 1150			.3		39651	5	30000.	1800.	1700.	8.0	10.9	2.6	0.270	0.087
21 11 78 1355			.3		39683	6	8000.	400.	700.	4.0	11.0			
11 12 78 1010			.3		39741	6	1000.	70.	150.	1.0	12.4	1.2	0.142	0.027
MAXIMUM							15000E+2	8800.	6300.	24.5	12.4	8.5	3.780	2.900
AVG OR GEOM MN (*)							33677.* U	614.* U	397.* D	10.2	10.3	3.0	0.659	0.440
MINIMUM							1000.	68.	10.	1.0	7.0	0.8	0.142	0.027
NO OF SAMPLES							12	12	12	12	12	11	11	11

(CONTD)

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

STATION ID: 16-0184-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 16 LAT: LONG: U T M: 17 0537600.0 4825600.0 4 REGION: 02 MILEAGE: 125.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1410			.3		1.470	2.050	0.052	4.800	6.322	0.580	6.902	745.0	12.0	733
06 02 78	1020			.3		1.430	1.960	0.255	4.010	5.695	0.530	6.225	902.0	11.0	891
14 03 78	1500			.3		12.000	16.500	0.425	3.190	15.615	4.500	20.115	1188.0	74.0	1114
18 04 78	1445			.3		0.630	1.440	0.047	6.270	6.947	0.810	7.757	504.0	22.0	482
16 05 78	1405			.3		0.750	1.620	0.081	4.770	5.601	0.870	6.471	483.0	11.0	472
19 06 78	1430			.3		0.210	5.300	0.650	1.430	2.290	5.090	7.380	854.0	6.0	848
25 07 78	1350			.3		0.500	2.940	0.450	5.300	6.250	2.440	8.690	1200.0	15.0	1185
02 08 78	1040			.3		0.200	1.160	0.280	0.520	1.000	0.960	1.960	465.0	17.0	448
13 09 78	1405			.3		0.222	2.260	0.089	3.660	3.971	2.038	6.009	941.0	20.0	921
16 10 78	1150			.3		0.109	1.480	0.075	2.770	2.954	1.371	4.325	607.0	19.0	588
11 12 78	1010			.3		0.320	1.18	0.038	4.11	4.468	0.860	5.328	527.	18.	509
MAXIMUM						12.000	16.500	0.650	6.270	15.615	5.090	20.115	1200.0	74.0	1185
AVG OR GEOM MN (*)						1.622	3.445	0.222	3.712	5.556	1.823	7.378	765.1	20.5	745
MINIMUM						0.109	1.160	0.038	0.520	1.000	0.530	1.960	465.0	6.0	448
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
16 01 78	1410			.3		1140	5.70	118.0	168.0	3.80	5.6	267	7.84	0.630	14.0
06 02 78	1020			.3		1340	4.40	120.0	257.0	3.85	8.3	279	7.95	1.200	788.0
14 03 78	1500			.3		1800	38.00	245.0	315.0	3.10	20.1	206	7.30	2.700	45.0
18 04 78	1445			.3		760	16.00	57.0	95.0	2.55	1.9	203	8.17	1.100	19.0
16 05 78	1405			.3		740	3.60	58.0	97.0	0.70	1.8	194	8.06	0.300	9.0
19 06 78	1430			.3		1310	3.20	160.0	255.0	1.50	0.0	207	8.46	0.420	2.0
25 07 78	1350			.3		1750	5.60	225.0	420.0	2.95	2.8	194	8.14	0.580	12.0
02 08 78	1040			.3		690	6.80	48.0	87.0	2.10	3.8	208	8.04	0.880	2.0
13 09 78	1405			.3		1400	6.70	158.0	273.0	2.90	3.2	193	8.01	0.900	4.0
16 10 78	1150			.3		920	9.20	98.0	138.0	1.45	2.1	210	7.99	0.680	5.0
11 12 78	1010			.3		790	6.3	54.	105.	2.30	4.7	236	8.05	0.70	0.8
MAXIMUM						1800	38.00	245.0	420.0	3.85	20.1	279	8.46	2.700	788.0
AVG OR GEOM MN (*)						1149	9.59	121.9	200.9	2.47	4.9	218	8.00	0.917	81.9
MINIMUM						690	3.20	48.0	87.0	0.70	0.0	193	7.30	0.300	0.8
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L
16 01 78	1410			.3		372.0	102.00	28.50	20	3.00	110.00	42	0.700	0.040L	0.030
06 02 78	1020			.3		363.0	101.00	27.00	20	3.10	160.00	28	0.420	0.020L	0.010
14 03 78	1500			.3		281.0	77.00	21.50		11.00	280.00	68			
18 04 78	1445			.3		277.0	78.00	20.00	30	2.80	60.00	31	1.600	0.020L	0.010L
16 05 78	1405			.3		263.0	70.00	21.50	25	3.10	57.00	10L	0.05 L	0.02 L	0.01
19 06 78	1430			.3		276.0	70.00	24.50	40	3.90	180.00	34	0.05 L	0.02 L	0.01 L
25 07 78	1350			.3		309.0	80.00	26.50	35	4.30	274.00	44	0.370	0.040L	0.010
02 08 78	1040			.3		257.0	64.00	23.50	39	3.90	49.00	30	0.510	0.040L	0.010L
13 09 78	1405			.3		275.0	68.00	25.50	39	5.90	220.00	30		0.020L	0.020
16 10 78	1150			.3		276.0	70.00	24.50	37	4.90	85.00	35	0.340	0.020L	0.010L
21 11 78	1355			.3									0.360	0.020L	0.010L
11 12 78	1010			.3		303.	80.	25.	30	3.85	48.	37	0.38	0.02 L	0.02
MAXIMUM						372.0	102.00	28.50	40	11.00	280.00	68	1.600	0.040	0.030
AVG OR GEOM MN (*)						295.6	78.18	24.36	32	4.52	138.46	35D	0.478D	0.025D	0.014D
MINIMUM						257.0	64.00	20.00	20	2.80	48.	10	0.05	0.020	0.010
NO OF SAMPLES						11	11	11	10	11	11	11	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
16 01 78	1410			.3		0.030L	0.005L	0.010L	0.048	0.020L	0.020L
06 02 78	1020			.3		0.030L	0.005L	0.010L	0.070	0.020L	0.020L
14 03 78	1500			.3					0.152		
18 04 78	1445			.3		0.030L	0.005L	0.020	0.060	0.020L	0.020L
16 05 78	1405			.3		0.03 L	0.005L	0.02	0.044	0.02 L	0.03 L
19 06 78	1430			.3		0.03 L	0.005L	0.01 L	0.042	0.02 L	0.02 L
25 07 78	1350			.3		0.030L	0.005L	0.010L	0.094	0.020L	0.020L
02 08 78	1040			.3		0.030L	0.005L	0.010L	0.114	0.020L	0.020L
13 09 78	1405			.3		0.030L	0.005L	0.020	0.210	0.020L	0.020L
16 10 78	1150			.3		0.030L	0.005L	0.010	0.110	0.020L	0.020L
21 11 78	1355			.3		0.030L	0.005L	0.020		0.020L	0.020L
11 12 78	1010			.3		0.03 L	0.005L	0.01	0.132	0.02 L	0.02 L
MAXIMUM						0.030	0.005	0.020	0.210	0.020	0.03
AVG OR GEOM MN (*)						0.030D	0.005D	0.014D	0.098	0.020D	0.021D
MINIMUM						0.030	0.005	0.010	0.042	0.020	0.020
NO OF SAMPLES						11	11	11	11	11	11

B.O.W./ SITE: CONESTOGO RIVER
SAMPLE POINT: AT CONESTOGO C.A. DAM
STATION TYPE: RIVER FLOW GAUGE FED 02GA028

STATION ID: 16-0184-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 17 LAT: LONG: U T M: 17 0523050.0 4835525.0 4 REGION: 02 MILEAGE: 139.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1305			.3		39018	4	62.90	800.	70.	130.	1.0	10.0	1.0	0.200
06 02 78 1135			.3		39083	4	54.00	2800.	128.	252.	1.0	11.5	1.5	0.106
14 03 78 1400			.3		39173	4	33.00	1100.	90.	1500. G	2.0	9.0	1.4	0.121
18 04 78 1355			.3		39243	6	463.00	112.	10. L	100. L	5.0	9.5	0.2	0.140
24 04 78 1210			.3		39252	6	427.00	490.	4. L	100. L	6.0	11.2	0.2	0.098
03 05 78 1100			.3		39258	6	320.00	40.	4. L	4.	8.0	10.0	1.4	0.082
08 05 78 1435			.3		39271	6	249.00	4. L	2. L	2.	7.0	13.0	0.6	0.088
16 05 78 1430			.3		39401	6	93.90	96.	2.	2. L	9.0	11.0	1.6	0.108
24 05 78 1200			.3		39403	6	95.00						1.2	0.103
29 05 78 1445			.3		39405	6	98.20	4. L	2. L	4.	12.0	10.6	2.0	0.056
06 06 78 1145			.3		39407	6	106.00	4.	2.	2.	11.4	10.5	0.8	0.029
12 06 78 1505			.3		39409	6	113.00	1800.	4.	4. L	11.0	9.8	1.0	0.029
19 06 78 1430			.3		39411	6	125.00	216.	2. L	2. L	10.9	9.8	1.4	0.034
26 06 78 1045			.3		39413	6	185.00	10. L	2.	6.	13.0	9.6	0.8	0.029
04 07 78 1050			.3		39415	6	179.00	280.	6.	10.	15.0	8.6	2.5	0.044
10 07 78 1103			.3		39417	6	169.00	100.	14.	10.	15.0	8.9	1.4	0.040
17 07 78 1057			.3		39419	6	175.00	60.	10.	10.	17.0	9.0	0.2	0.056
24 07 78 1045			.3		39421	6	191.00	120.	4.	10.	19.0	9.0	1.0	0.058
31 07 78 1110			.3		39423	6	192.00	130.	12.	56.	20.0	9.7	0.8	0.112
08 08 78 0940			.3		39425	6	149.00	100.	8.	10. L	20.5	7.1	0.8	0.190
14 08 78 1037			.3		39427	6	160.00				20.5	7.4		
21 08 78 1045			.3		39429	6	173.00	400.	156.	40.	20.5	8.7	0.6	0.058
28 08 78 1055			.3		39431	6	330.00	2400.	136.	112.	19.0	7.8	1.6	0.069
05 09 78 1045			.3		39433	6	201.00	380.	132.	40.	20.0	11.3	1.8	0.082
11 09 78 1107			.3		39435	6	224.00				18.5	8.6	1.6	0.078
18 09 78 1126			.3		39437	6	203.00	900.	172.	92.	15.5	9.6	2.0	0.102
25 09 78 1055			.3		39439	6	178.00	130.	16.	4. L	14.5	10.0	1.6	0.118
02 10 78 1050			.3		39441	6	169.00	230.	84.	44.	14.0	10.8	2.0	0.095
10 10 78 1057			.3		39443	6	169.00	1000.	160.	70.	10.5	10.3	1.5	0.086
16 10 78 1105			.3		39445	6	82.80	270.	10.	100.	10.0	9.4	0.5	0.020
23 10 78 1415			.3		39447	6	153.00	200.	40.	60.	9.0	11.6	1.5	0.064
30 10 78 1123			.3		39449	6	82.00	490.	360.	124.	8.0	10.7	1.6	0.072
21 11 78 1310			.3		39679	6	174.00	2400.	930.	1530.	2.0	12.6	1.8	0.210
11 12 78 1100			.3		39738	6 4	155.00	1300.	60.	900.	0.5	13.0	0.8	0.132
MAXIMUM							463.00	2800.	930.	1530.	20.5	13.0	2.5	0.210
AVG OR GEOM MN (*)							174.52	202.* D	19.* D	29.* E	11.7	10.0	1.2	0.088
MINIMUM							33.00	4.	2.	2.	0.5	7.1	0.2	0.020
NO OF SAMPLES							34	31	31	31	33	33	33	33

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 1305			.3		0.011	0.022	0.100	0.010	1.540	1.572	0.078	1.650	501.0	116.0
06 02 78 1135			.3		0.016	0.346	0.850	0.017	1.450	1.813	0.504	2.317	427.0	62.0
14 03 78 1400			.3		0.036	1.200	1.750	0.009	1.600	2.809	0.550	3.359	408.0	37.0
18 04 78 1355			.3		0.079	0.252	0.850	0.022	1.610	1.884	0.598	2.482	217.0	30.0
24 04 78 1210			.3		0.054	0.228	0.760	0.017	1.430	1.675	0.532	2.207	246.0	24.0
03 05 78 1100			.3		0.046	0.222	0.700	0.017	1.560	1.799	0.478	2.277	221.0	13.0
08 05 78 1435			.3		0.038	0.150	0.640	0.022	1.580	1.752	0.490	2.242	224.0	16.0
16 05 78 1430			.3		0.031	0.142	0.890	0.021	1.560	1.723	0.748	2.471	229.0	15.0
24 05 78 1200			.3		0.036	0.036	0.690	0.110	1.620	1.766	0.654	2.420	245.0	17.0
29 05 78 1445			.3		0.025	0.178	0.76	0.077	1.45	1.705	0.582	2.287	252.	21.
06 06 78 1145			.3		0.011	0.230	0.690	0.035	1.390	1.655	0.460	2.115	239.0	5.0
12 06 78 1505			.3		0.008	0.256	0.690	0.028	1.350	1.634	0.434	2.068	243.0	6.1
19 06 78 1430			.3		0.015	0.290	0.720	0.030	1.300	1.620	0.430	2.050	243.0	5.9
26 06 78 1045			.3		0.005	0.294	0.810	0.040	1.090	1.424	0.516	1.940	243.0	5.9
04 07 78 1050			.3		0.011	0.132	0.680	0.090	1.300	1.522	0.548	2.070	250.0	9.3
10 07 78 1103			.3		0.002	0.006	0.670	0.130	1.120	1.256	0.664	1.920	255.0	15.0
17 07 78 1057			.3		0.015	0.002	0.550	0.006	1.160	1.168	0.548	1.716	267.0	23.0
24 07 78 1045			.3		0.002	0.166	1.580	0.074	1.080	1.320	1.414	2.734	258.0	18.0
31 07 78 1110			.3		0.004	0.014	0.750	0.045	0.945	1.004	0.736	1.740	302.0	58.0
08 08 78 0940			.3		0.006	0.006	1.850	0.015	0.875	0.896	1.844	2.740	265.0	18.0
21 08 78 1045			.3		0.012	0.034	0.480	0.092	0.428	0.554	0.446	1.000	247.0	19.0
28 08 78 1055			.3		0.009	0.088	0.720	0.032	0.420	0.540	0.632	1.172	237.0	17.0
05 09 78 1045			.3		0.006	0.082	0.420	0.033	0.200	0.315	0.338	0.653	253.0	25.0
11 09 78 1107			.3		0.002	0.096	0.840	0.021	0.110	0.227	0.744	0.971	224.0	26.0
18 09 78 1126			.3		0.007	0.108	1.140	0.020	0.105	0.233	1.032	1.265	265.0	41.0
25 09 78 1055			.3		0.007	0.148	1.100	0.038	1.010	1.196	0.952	2.148	284.0	34.0
02 10 78 1050			.3		0.003	0.008	1.150	0.020	0.720	0.748	1.142	1.890	260.0	20.0
10 10 78 1057			.3		0.006	0.072	0.940	0.035	2.060	2.167	0.868	3.035	328.0	28.0
16 10 78 1105			.3		0.001	0.021	0.680	0.010	0.285	0.316	0.659	0.975	279.0	3.3
23 10 78 1415			.3		0.003	0.076	0.620	0.024	1.420	1.520	0.544	2.064	310.0	16.0
30 10 78 1123			.3		0.011	0.185	1.040	0.026	1.220	1.431	0.855	2.286	364.0	32.0
21 11 78 1310			.3		0.024	0.174	1.40	0.029	1.82	2.023	1.226	3.249	487.	124.
11 12 78 1100			.3		0.018	0.150	0.86	0.013	2.34	2.503	0.710	3.213	479.	96.
MAXIMUM					0.079	1.200	1.850	0.130	2.34	2.809	1.844	3.359	501.0	124.
AVG OR GEOM MN (*)					0.017	0.164	0.860	0.037	1.186	1.387	0.696	2.083	289.5	30.2
MINIMUM					0.001	0.002	0.100	0.006	0.105	0.227	0.078	0.653	217.0	3.3
NO OF SAMPLES					33	33	33	33	33	33	33	33	33	33

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
16 01 78 1305			.3		385		615	55.00	12.5	28.0		
06 02 78 1135			.3		365		615	34.00	13.0	27.0		
14 03 78 1400			.3		371		630	27.00	26.5	27.0		
18 04 78 1355			.3			187	285	51.00	5.6	13.5		
24 04 78 1210			.3			222	340	27.00	8.4			
03 05 78 1100			.3			208	320	19.00	6.8			
08 05 78 1435			.3			208	320	9.60	7.2	15.0		
16 05 78 1430			.3				330	7.60	7.5	16.0	4.0	16
24 05 78 1200			.3				350	8.90	8.8	17.0	4.4	12
29 05 78 1445			.3				355	6.7	9.1	17.0	3.8	23
06 06 78 1145			.3				360	3.60	9.2	17.0	4.0	18
12 06 78 1505			.3				365	3.40	9.1	16.0	4.	10L
19 06 78 1430			.3				365	4.60	9.6	17.0	4.	27
26 06 78 1045			.3				365	5.20	10.0	16.5	5.	21
04 07 78 1050			.3				370	6.40	10.5	17.0	4.6	16
10 07 78 1103			.3				370	8.60	11.0	17.5	5.	19
17 07 78 1057			.3				375	13.00	11.0	17.0	5.0	10
24 07 78 1045			.3				370	12.00	12.0	17.0	6.2	36

(C O N T D)

```
 B.O.W./ SITE: CONESTOGO RIVER                                                               STATION ID:  16-0184-017-02
 SAMPLE POINT: AT CONESTOGO C.A. DAM
 STATION TYPE: RIVER    FLOW GAUGE FED 02GA028          MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                             003
                                                        TERM STREAM: GRAND RIVER                                           0150

STN NO:     17     LAT:              LONG:              U T M: 17 0523050.0 4835525.0 4    REGION: 02            MILEAGE:  139.60

                                         7      107       14        16        56       59        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ      DISS.   CALCUL     COND.     TURB.   CHLORIDE SULPHATE  ORGANIC     COD
DY MO YR LMT   DIST BRG DEPTH        SOLIDS  D-SOLIDS     25C   FORMAZIN    MG/L             C AS C
               FEET       MTRS        MG/L   MG/L       UMHOS     UNITS               MG/L     MG/L       MG/L

31 07 78 1110               .3                            375     28.00     11.0     18.0      5.0       30
08 08 78 0940               .3                            380     18.00     12.5     18.0      4.3       25
14 08 78 1037               .3                                                                 4.3       25
21 08 78 1045               .3                            350     13.00     12.0     17.5      5.        22
28 08 78 1055               .3                            340     15.00     12.0     17.0      4.8       32
05 09 78 1045               .3                            350     12.00     14.0     18.0      4.8       24
11 09 78 1107               .3                            305     17.00     12.5     17.5      5.4       52
18 09 78 1126               .3                            345      4.40     12.0     18.0      5.4       22
25 09 78 1055               .3                            385     27.00     15.5     25.5      6.0       33
02 10 78 1050               .3                            370     20.00     15.0     23.5      5.8       32
10 10 78 1057               .3                            475     26.00     21.0     41.0      7.4       34
16 10 78 1105               .3        276                 420      4.20     15.0     34.0      8.        31
23 10 78 1415               .3        294                 470     14.00     19.5               8.        31
30 10 78 1123               .3        332                 500     24.00     20.0               8.        31
21 11 78 1310               .3        363                 570     78.       22.      48.       8.        31
11 12 78 1100               .3        383                 600     46.       18.5     50.5      8.        31

                       MAXIMUM        385      222        630     78.       26.5     50.5      8.        52
            AVG OR GEOM MN (*)        346      206        404     19.67     12.7     22.1      5.5       260
                       MINIMUM        276      187        285      3.40      5.6     13.5      3.8       10

                 NO OF SAMPLES          8        4         33        33       33       29       27        27


 B.O.W./ SITE: GRAND RIVER                                                                   STATION ID:  16-0184-019-02
 SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM LUTHER LAKE DAM
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                             003
                                                        TERM STREAM: GRAND RIVER                                           0150

STN NO:     19     LAT:              LONG:              U T M: 17 0548025.0 4868200.0 4    REGION: 02            MILEAGE:  168.20

                                       934      901       80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD    TOTAL     FECAL     M.F.     WATER      DISS.    5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.    TEMP.       02       BOD         P  REACTIVE
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L     MG/L      MG/L   P MG/L

16 01 78 1100               .3        39014    6          12.        2.  L     2.  L    2.9        9.5      0.2     0.017    0.001L
06 02 78 1320               .3        39079    6 0        10.        2.  L     2.  L    2.0        9.5      1.4     0.034    0.002L
14 03 78 1135               .3        39169    6 0       284.        2.  L     2.       4.0        7.9      8.0     0.078    0.043
18 04 78 1205               .3        39239    6           4.        4.  L     4.  L    6.0        8.8      4.0     0.070    0.017
16 05 78 1225               .3        39286    6          40.        2.  L     2.  L   12.0       10.4      1.0     0.040    0.004
19 06 78 1135               .3        39482    8        1000.        2.  L     8.      19.0       10.2      0.8     0.027    0.001L
25 07 78 1200               .3        39529    8          10.        4.  L    28.      23.0        6.5      0.8     0.026    0.002
02 08 78 1245               .3        39554    8          10.  L     2.  L    60.      23.5        7.6      0.8     0.029    0.001
13 09 78 1145               .3        39580    8         380.        2.       42.      15.5        9.4      0.8     0.034    0.001
16 10 78 1420               .3        39645    8         200.        2.  L     4.       9.0       10.9      0.8     0.024    0.004




21 11 78 1135               .3        39675    8          40.       10.       44.       2.0       10.4      1.0     0.054    0.003
11 12 78 1250               .3        39733    6          40.        2.  L    32.       1.0       13.4      0.2     0.029    0.002

                       MAXIMUM                          1000.       10.       60.      23.5       13.4      8.0     0.078    0.043
            AVG OR GEOM MN (*)                            45.* D     3.* D     9.* D   10.0        9.5      1.7     0.039    0.007D
                       MINIMUM                             4.        2.        2.       1.0        6.5      0.2     0.017    0.001

                 NO OF SAMPLES                            12        12        12        12         12       12        12       12

                                        19       20       21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED    TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH        AMMONIA KJELDAHL  NO2-N     NO3-N          N   ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET       MTRS          MG/L     MG/L  MG/L      MG/L        MG/L      MG/L       MG/L      MG/L      MG/L  MG/L

16 01 78 1100               .3        0.084    0.790    0.003     0.032     0.119     0.706     0.825    203.0       2.1       201
06 02 78 1320               .3        0.114    0.930    0.002     0.005L    0.121     0.816     0.937    236.0       5.3       231
14 03 78 1135               .3        0.400    1.550    0.006     0.044     0.450     1.150     1.600    284.0       9.3       275
18 04 78 1205               .3        0.550    1.500    0.010     0.110     0.670     0.950     1.620    236.0       4.8       231
16 05 78 1225               .3        0.112    0.670    0.007     0.025     0.144     0.558     0.702    158.0       5.3       153
19 06 78 1135               .3        0.028    0.680    0.005     0.015     0.048     0.652     0.700    136.0       2.8       133
25 07 78 1200               .3        0.031    0.610    0.002     0.013     0.046     0.579     0.625     87.0       4.1        83
02 08 78 1245               .3        0.020    0.680    0.002     0.005L    0.027     0.660     0.687     86.0       2.0        84
13 09 78 1145               .3        0.034    0.740    0.002     0.015     0.051     0.706     0.757     90.0       3.6        86
16 10 78 1420               .3        0.025    0.670    0.003     0.010     0.038     0.645     0.683    103.0       2.3       101
21 11 78 1135               .3        0.036    0.90     0.003     0.022     0.061     0.864     0.925    143.       13.        130
11 12 78 1250               .3        0.028    0.75     0.002     0.013     0.043     0.722     0.765    147.        5.        142

                       MAXIMUM        0.550    1.550    0.010     0.110     0.670     1.150     1.620    284.0      13.        275
            AVG OR GEOM MN (*)        0.122    0.873    0.004     0.026D    0.152     0.751     0.902    159.1       5.0       154
                       MINIMUM        0.020    0.610    0.002     0.005     0.027     0.558     0.625     86.0       2.0        83

                 NO OF SAMPLES           12       12       12        12        12        12        12       12        12        12

                                        14       16        56       59
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.    TURB.  CHLORIDE  SULPHATE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN     MG/L
               FEET       MTRS       UMHOS    UNITS                 MG/L

16 01 78 1100               .3          309     2.30      2.8      6.5
06 02 78 1320               .3          355     2.70      3.3      6.5
14 03 78 1135               .3          423     4.50      4.1      8.5
18 04 78 1205               .3          355     2.30      3.5      7.5
16 05 78 1225               .3          235     1.90      2.4      6.0
19 06 78 1135               .3          205     1.40      1.4      4.0
25 07 78 1200               .3          128     2.40      1.1      3.5
02 08 78 1245               .3          130     1.60      1.2      3.5
13 09 78 1145               .3          132     2.50      1.9      4.0
16 10 78 1420               .3          155     3.30      1.5      5.0
21 11 78 1135               .3          200    15.        1.9
11 12 78 1250               .3          220     2.7       1.9      8.0

                       MAXIMUM          423    15.        4.1      8.5
            AVG OR GEOM MN (*)          237     3.55      2.2      5.7
                       MINIMUM          128     1.40      1.1      3.5

                 NO OF SAMPLES           12       12       12       11
```

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BLOSSOM AVE BRIDGE NEWPORT
STATION TYPE: RIVER

STATION ID: 16-0184-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 24 LAT: LONG: U T M: 17 0561750.0 4771900.0 4 REGION: 02 MILEAGE: 49.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1310			.3		39052	6	4100.	400.	120.	1.0	12.4	2.0	0.051	0.032
14 02 78 1125			.3		39110	4	200.	10.	72.	0.0	12.2	1.0	0.071	0.052
15 03 78 1450			.3		39185	6	2700.	40.	76.	2.5	12.6	2.2	0.054	0.034
17 04 78 1200			.3		39225	6	410.	4.	20.	6.0	11.8	1.0	0.092	0.038
23 05 78 1325			.3		39450	6	130.	8.	4. L	17.0	8.6	1.4	0.090	0.015
14 06 78 1135			.3		39476	6	1710.	220.	4.	16.0	9.0	2.0	0.108	0.052
12 07 78 1300			.3		39516	6	500.	24.	20.	21.0	6.9	1.4	0.095	0.008
01 08 78 1205			.3		39543	6	1000.	48.	52.	22.5	7.8	1.0	0.106	0.017
26 09 78 1340			.3		39608	6	2200.	32.	4.	16.0	8.1	1.0	0.110	0.034
10 10 78 1150			.3		39634	6		10.	10.	12.0	8.6	0.8	0.062	0.022
22 11 78 1340			.3		39592	6	100. L	4. L	60.	3.0	12.7	1.2	0.063	0.031
06 12 78 1100			.3		39718	6	600.	16.	104.	2.0	12.6	0.6	0.072	0.038
MAXIMUM							4100.	400.	120.	22.5	12.7	2.2	0.110	0.052
AVG OR GEOM MN (*)							675.* D	23.* D	25.* D	9.9	10.3	1.3	0.081	0.031
MINIMUM							100.	4.	4.	0.0	6.9	0.6	0.051	0.008
NO OF SAMPLES							11	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1310			.3		0.480	1.020	0.038	3.110	3.628	0.540	4.168	482.0	2.7	479
14 02 78 1125			.3		0.713	1.350	0.030	2.890	3.633	0.637	4.270	525.0	5.9	519
15 03 78 1450			.3		0.690	1.110	0.016	3.380	4.086	0.420	4.506	536.0	16.0	520
17 04 78 1200			.3		0.168	0.740	0.028	2.500	2.696	0.572	3.268	313.0	27.0	286
23 05 78 1325			.3		0.046	0.790	0.088	2.060	2.194	0.744	2.938	391.0	9.1	380
14 06 78 1135			.3		0.236	0.84	0.170	1.96	2.366	0.604	2.970	469.	24.	445
12 07 78 1300			.3		0.094	0.820	0.023	1.110	1.227	0.726	1.953	453.0	29.0	424
01 08 78 1205			.3		0.072	0.650	0.025	1.650	1.747	0.578	2.325	441.0	34.0	407
26 09 78 1340			.3		0.074	0.710	0.032	3.220	3.326	0.636	3.962	476.0	27.0	449
10 10 78 1150			.3		0.028	0.640	0.005	0.790	0.823	0.612	1.435	421.0	18.0	403
22 11 78 1340			.3		0.192	0.78	0.038	2.81	3.040	0.588	3.628	466.	6.	460
06 12 78 1100			.3		0.480	0.99	0.033	2.77	3.283	0.510	3.793	537.	13.	524
MAXIMUM					0.713	1.350	0.170	3.380	4.086	0.744	4.506	537.	34.0	524
AVG OR GEOM MN (*)					0.273	0.870	0.044	2.354	2.671	0.597	3.268	459.2	17.6	441
MINIMUM					0.028	0.640	0.005	0.790	0.823	0.420	1.435	313.0	2.7	286
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
18 01 78 1310			.3		750	2.80	38.5	78.0
14 02 78 1125			.3		795	4.40	49.0	96.0
15 03 78 1450			.3		810	14.00	70.0	90.0
17 04 78 1200			.3		430	20.00	15.0	37.5
23 05 78 1325			.3		559	11.00	29.5	59.0
14 06 78 1135			.3		680	11.	49.5	99.
12 07 78 1300			.3		620	16.00	49.0	98.0
01 08 78 1205			.3		610	21.00	45.0	
26 09 78 1340			.3		660	19.00	42.0	113.0
10 10 78 1150			.3		640	8.60	38.0	87.0
22 11 78 1340			.3		690	5.4	41.	93.5
06 12 78 1100			.3		830	8.5	97.	
MAXIMUM					830	21.00	97.	113.0
AVG OR GEOM MN (*)					673	11.81	47.0	85.1
MINIMUM					430	2.80	15.0	37.5
NO OF SAMPLES					12	12	12	10

B.O.W./ SITE: ALDER CREEK
SAMPLE POINT: AT MANNHEIM BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 26 LAT: LONG: U T M: 17 0536500.0 4804800.0 4 REGION: 02 MILEAGE: 117.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1230			.3		39037	4	1900.	670.	790.	1.0	9.8	6.0	2.000	1.450
07 02 78 1300			.3		39096	4	140.	4.	72.	1.0	9.0	1.5	1.290	1.250
06 03 78 1400			.3		39147	4	600.	24.	88.	3.0	11.5	8.0	3.000	0.355
11 04 78 1205			.3		39213	6	11800.	290.	1330.	5.0	10.2	3.8	0.655	0.190
15 05 78 1120			.3		39281	6	400.	30.	10.	10.0	11.4	1.0	0.280	0.235
07 06 78 1110			.3		39464	6	2400.	530.	100. L	14.0	9.4	3.8	2.050	1.280
11 07 78 1210			.3		39504	6 8	2000.	550.	360.	19.0	10.4	1.5	2.520	0.030
22 08 78 1043			.3		39570	6 8	3200.	80.	10.	17.5	10.2	1.0	2.35	1.78
19 09 78 1350			.3		39596	6 8	9100.	1100.	600. G	13.0	8.7	2.4	0.710	0.513
04 10 78 1143			.3		39622	6 8	9000.	1500. G	1500. G	13.5	6.8	2.5	1.450	1.450
15 11 78 1410			.3		39661	6	400.	10.	200.	6.0	11.8	1.4	1.360	1.250
05 12 78 1035			.3		39706	6 8	4400.	480.	1230.	1.0	11.6	1.0	0.695	0.590
MAXIMUM							11800.	1500.	1500.	19.0	11.8	8.0	3.000	1.78
AVG OR GEOM MN (*)							1856.*	147.* U	204.* E	8.7	10.1	2.8	1.530	0.864
MINIMUM							140.	4.	10.	1.0	6.8	1.0	0.280	0.030
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: ALDER CREEK
SAMPLE POINT: AT MANNHEIM BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 26 LAT: LONG: U T M: 17 0536500.0 4804800.0 4 REGION: 02 MILEAGE: 117.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78	1230			.3		1.630	3.900	2.650	19.300	23.580	2.270	25.850	814.0	71.0	743
07 02 78	1300			.3		1.560	2.400	3.800	6.700	12.080	0.820	12.900	556.0	6.0	550
06 03 78	1400			.3		0.690	0.890	0.145	8.210	9.045	0.200	9.245	698.0	149.0	549
11 04 78	1205			.3		0.378	2.25	0.088	3.39	3.856	1.872	5.728	430.	199.	
15 05 78	1120			.3		0.072	0.78	0.062	3.84	3.974	0.708	4.682	427.	4.0	423
07 06 78	1110			.3		0.084	1.520	0.625	6.750	7.459	1.436	8.895	517.0	2.8	514
11 07 78	1210			.3		0.078	1.160	0.250	1.750	2.078	1.082	3.160	584.0	6.8	577
22 08 78	1043			.3		0.074	0.69	0.105	7.89	8.069	0.616	8.685	508.	9.5	498
19 09 78	1350			.3		0.236	1.980	0.135	4.610	4.981	1.744	6.725	446.0	13.0	433
04 10 78	1143			.3		0.006	0.530	0.004	4.850	4.860	0.524	5.384	495.0	4.5	491
15 11 78	1410			.3		0.017	0.590	0.037	80.000	80.054	0.573	80.627	558.0	3.0	555
05 12 78	1035			.3		0.166	0.98	0.073	1.08	1.319	0.814	2.133	515.	16.	499
MAXIMUM						1.630	3.900	3.800	80.000	80.054	2.270	80.627	814.0	199.	743
AVG OR GEOM MN (*)						0.418	1.473	0.665	12.364	13.446	1.055	14.501	545.7	40.4	530
MINIMUM						0.006	0.530	0.004	1.08	1.319	0.200	2.133	427.	2.8	423
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L .	59 SULPHATE MG/L
17 01 78	1230			.3			1140	20.00	98.0	78.0
07 02 78	1300			.3			865	5.00	62.0	57.0
06 03 78	1400			.3			820	52.00	60.0	53.0
11 04 78	1205			.3		231	355	100.	16.0	22.0
15 05 78	1120			.3			600	2.5	35.0	37.0
07 06 78	1110			.3			760	2.90	56.0	55.0
11 07 78	1210			.3			800	4.40	65.0	67.0
22 08 78	1043			.3			750	2.8	61.	54.
19 09 78	1350			.3			600	5.50	36.5	70.0
04 10 78	1143			.3			750	2.60	63.0	59.0
15 11 78	1410			.3			810	1.90	64.0	65.0
05 12 78	1035			.3			780	6.1	61.	75.
MAXIMUM						231	1140	100.	98.0	78.0
AVG OR GEOM MN (*)						231	753	17.14	56.5	57.7
MINIMUM						231	355	1.90	16.0	22.0
NO OF SAMPLES						1	12	12	12	12

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: ATCOCKSHUTTS BRIDGE BRANTFORD
STATION TYPE: RIVER FLOW GAUGE FED 02GA001

STATION ID: 16-0184-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 27 LAT: LONG: U T M: 17 0561425.0 4773050.0 4 REGION: 02 MILEAGE: 57.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78	1315			.3		39053	6	2000.00	2800.	560.	292.	1.0	12.0	2.4	0.041
14 02 78	1105			.3		39111	6	1200.00	3800.	132.	216.	1.0	11.2	0.2	0.059
15 03 78	1500			.3		39186	4	1500.00	6900.	520.	340.	2.0	12.0	1.2	0.067
17 04 78	1150			.3		39226	6	5970.00	170.	10.	50.	6.0	11.6	1.0	0.090
23 05 78	1330			.3		39451	6	2640.00	60.	4. L	4. L	16.5	10.0	1.5	0.038
14 06 78	1130			.3		39477	6	1050.00	1530.	252.	4. L	16.0	11.0	1.2	0.060
12 07 78	1307			.3		39517	6	675.00	600.	8.	16.	21.0	7.8	1.6	0.064
01 08 78	1155			.3		39544	6	678.00	200.	8.	180.	22.0	8.5	0.8	0.057
26 09 78	1350			.3		39609	6	1040.00	700.	12.	8.	15.0	10.2	0.6	0.065
10 10 78	1145			.3		39635	6	1340.00	900.	10.		12.0	11.2	0.4	0.034
22 11 78	1347			.3		39693	6	1290.00	1200.	28.	140.	3.0	13.6	1.2	0.057
06 12 78	1050			.3		39719	6	2390.00	6500.	60.	340.	2.0	13.7	2.0	0.146
MAXIMUM								5970.00	6900.	560.	340.	22.0	13.7	2.4	0.146
AVG OR GEOM MN (*)								1814.42	968.*	36.* D	57.* D	9.8	11.1	1.2	0.065
MINIMUM								675.00	60.	4.	4.	1.0	7.8	0.2	0.034
NO OF SAMPLES								12	12	12	11	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78	1315			.3		0.007	0.360	0.980	0.029	3.070	3.459	0.620	4.079	474.0	1.8
14 02 78	1105			.3		0.041	0.612	1.020	0.026	3.100	3.738	0.408	4.146	495.0	3.0
15 03 78	1500			.3		0.029	0.690	1.300	0.017	3.400	4.107	0.610	4.717	528.0	12.0
17 04 78	1150			.3		0.037	0.140	0.700	0.027	0.250	0.417	0.560	0.977	312.0	24.0
23 05 78	1330			.3		0.007	0.066	0.670	0.044	1.960	2.070	0.604	2.674	394.0	12.0
14 06 78	1130			.3		0.030	0.086	0.600	0.047	2.150	2.283	0.514	2.797	448.	9.2
12 07 78	1307			.3		0.003	0.068	0.780	0.011	1.120	1.199	0.712	1.911	356.0	24.0
01 08 78	1155			.3		0.007	0.048	0.600	0.012	1.400	1.460	0.552	2.012	401.0	17.0
26 09 78	1350			.3		0.017	0.030	0.680	0.017	3.230	3.277	0.650	3.927	452.0	15.0
10 10 78	1145			.3			0.115	0.670	0.012	2.440	2.567	0.555	3.122	414.0	11.0
22 11 78	1347			.3		0.021	0.116	0.72	0.023	2.73	2.869	0.604	3.473	459.	7.
06 12 78	1050			.3		0.032	0.349	1.10	0.030	2.87	3.249	0.751	4.000	526.	52.
MAXIMUM						0.041	0.690	1.300	0.047	3.400	4.107	0.751	4.717	528.0	52.
AVG OR GEOM MN (*)						0.021	0.223	0.818	0.025	2.310	2.558	0.595	3.153	438.3	15.7
MINIMUM						0.003	0.030	0.600	0.011	0.250	0.417	0.408	0.977	312.0	1.8
NO OF SAMPLES						11	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
18 01 78	1315			.3		472	745	2.30	39.0	75.0					
14 02 78	1105			.3		492	770	2.70	45.5	95.0	3.70	4.7	255	8.09	0.180
15 03 78	1500			.3		516	815	12.00	77.0	83.0	2.90	3.5	216	8.12	0.750
17 04 78	1150			.3		288	430	15.00	15.0	37.0	2.05	1.3	172	8.21	1.200
23 05 78	1330			.3		382	559	2.60	27.5	57.0	0.15	0.0	206	8.37	0.380
14 06 78	1130			.3		439	660	2.0	47.0	93.0	1.20	0.	193	8.26	0.29
12 07 78	1307			.3		332	600	14.00	46.5	91.0	1.80	0.0	172	8.35	0.280
01 08 78	1155			.3		384	600	8.50	40.5	91.0	1.35	0.0	172	8.39	0.310
26 09 78	1350			.3		437	650	8.60	40.5	100.0	2.45	0.0	191	8.40	0.250
10 10 78	1145			.3		403	630	10.00	37.5	87.0	1.25	0.0	201	8.41	0.350
22 11 78	1347			.3		452	690	5.6	40.	88.	2.5	5.8	221	8.18	0.28
06 12 78	1050			.3		474	740	23.	67.	92.	3.05	4.6	220	8.05	1.3
MAXIMUM						516	815	23.	77.0	100.0	3.70	5.8	255	8.41	1.3
AVG OR GEOM MN (*)						423	657	8.86	43.6	82.4	2.04	1.8	202	8.26	0.506
MINIMUM						288	430	2.0	15.0	37.0	0.15	0.0	172	8.05	0.180
NO OF SAMPLES						12	12	12	12	12	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
14 02 78	1105			.3			352.0	99.00	25.50	15	2.55	27.00	31	0.028
15 03 78	1500			.3			307.0	86.00	22.50	20	2.85	55.00	58	0.056
17 04 78	1150			.3			219.0	63.00	15.00	45	2.10	8.70	27	0.055
23 05 78	1330			.3			270.0	75.00	20.00	20	2.25	15.00	18	0.040
14 06 78	1130			.3		1. L	282.	76.	22.5	28	2.50	38.	16	0.038
12 07 78	1307			.3			241.0	67.00	23.00	30	2.60	29.00	46	0.036
01 08 78	1155			.3			265.0	69.00	22.50	23	2.60	25.00	35	0.031
26 09 78	1350			.3			276.0	76.00	21.00	38	3.45	24.00	33	0.025
10 10 78	1145			.3			285.0	78.00	22.0	27	3.50	21.00	21	0.034
22 11 78	1347			.3		1. L	306.	84.	23.5	29	3.50	26.	45	0.021
06 12 78	1050			.3		1. L	293.	81.	22.	35	2.80	37.	37	0.080
MAXIMUM						1.	352.0	99.00	25.50	45	3.50	55.00	58	0.080
AVG OR GEOM MN (*)						1. D	281.5	77.64	21.77	28	2.79	27.79	33	0.040
MINIMUM						1.	219.0	63.00	15.00	15	2.10	8.70	16	0.021
NO OF SAMPLES						3	11	11	11	11	11	11	11	11

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
STATION TYPE: RIVER

STATION ID: 16-0184-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 28 LAT: LONG: U T M: 17 0546650.0 4814025.0 4 REGION: 02 MILEAGE: 106.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ-	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78	1005			.3		39001	6	100.	10. L	50.	3.0	9.5	1.2	0.046	0.026
11 01 78	1120			.3		39024	4	640.	20.	20.	1.0	12.0	0.2	0.041	0.017
17 01 78	0930			.3		39032	4	440.	24.	24.	2.0	10.0	0.6	0.044	0.017
24 01 78	1250			.3		39058	4	3100.	344.	112.	2.0	9.5	0.6	0.041	0.025
31 01 78	0950			.3		39066	4	20.	4.	4. L	2.0	11.4	3.0	0.082	0.029
07 02 78	1545			.3		39090	4	300.	20.	8.	1.0	9.8	0.8	0.046	0.031
15 02 78	1445			.3		39119	6	100.	150.	162.	2.0	10.0	0.4	0.065	0.041
22 02 78	1100			.3		39126	6	100. L	2. L	2.	1.5	11.0	0.8	0.052	0.035
27 02 78	1130			.3		39133	6	510.	72.	52.	2.0	11.2	1.2	0.071	0.041
06 03 78	1040			.3		39141	4	240.	4. L	4. L	2.0	12.3	2.0	0.097	0.052
13 03 78	1120			.3		39156	6	40.	2. L	2. L	2.0	10.2	0.5	0.120	0.071
20 03 78	1055			.3		39192	6	110.	10.	38.	3.0	10.0	1.6	0.111	0.043
28 03 78	0920			.3		39199	6	690.	30.	58.	1.5	11.0	1.5	0.131	0.066
11 04 78	0950			.3		39207	3	8300.	840.	1300.	5.0	10.0	4.0	0.635	0.125
15 05 78	0950			.3		39275	6	2500.	160.	80.	10.8	8.6	1.8	0.074	0.013
07 06 78	1340			.3		39458	6	7100.	290.	140.	17.0	7.7	2.4	0.037	0.004
11 07 78	1037			.3		39498	6	100.	10.	10. L	20.0	7.0	1.0	0.037	0.002
22 08 78	1207			.3		39564	9	720.	76.	10. L	22.0	9.8	0.8	0.054	0.006
19 09 78	1210			.3		39590	9	12000.	1800.	560.	13.0	9.0	3.0	0.282	0.038
04 10 78	1340			.3		39616	6 8	2100.	150.	620.	14.0	7.8	2.2	0.087	0.014
15 11 78	1220			.3		39655	6	870.	10.	50.	6.0	11.4	0.8	0.039	0.006
05 12 78	1350			.3		39700	6	2800.	432.	600. G	1.0	11.8	2.0	0.132	0.028
MAXIMUM								12000.	1800.	1300.	22.0	12.3	4.0	0.635	0.125
AVG OR GEOM MN (*)								539.* D	41.* D	41.* E	6.1	10.0	1.5	0.106	0.033
MINIMUM								20.	2.	2.	1.0	7.0	0.2	0.037	0.002
NO OF SAMPLES								22	22	22	22	22	22	22	22

(C O N T D)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
STATION TYPE: RIVER

STATION ID: 16-0184-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 28 LAT: LONG: U T M: 17 0546650.0 4814025.0 4 REGION: 02 MILEAGE: 106.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78	1005			.3		0.094	0.620	0.050	2.710	2.854	0.526	3.380	420.0	1.3	
11 01 78	1120			.3		0.188	0.630	0.035	2.670	2.893	0.442	3.335	419.0	2.0	417
17 01 78	0930			.3		0.108	0.600	0.021	2.120	2.249	0.492	2.741	413.0	8.8	404
24 01 78	1250			.3		0.140	0.650	0.062	2.540	2.742	0.510	3.252	439.0	12.0	427
31 01 78	0950			.3		0.340	1.060	0.100	5.030	5.470	0.720	6.190	1552.0	29.0	1523
07 02 78	1545			.3		0.150	0.610	0.025	2.960	3.135	0.460	3.595	439.0	6.6	432
15 02 78	1445			.3		0.220	0.740	0.306	2.590	3.116	0.520	3.636	469.0	4.4	465
22 02 78	1100			.3		0.288	0.830	0.032	3.270	3.590	0.542	4.132	483.0	2.8	480
27 02 78	1130			.3		0.210	0.900	0.025	3.550	3.785	0.690	4.475	460.0	4.9	455
06 03 78	1040			.3		0.490	1.190	0.037	3.590	4.117	0.700	4.817	497.0	13.0	484
13 03 78	1120			.3		0.630	1.350	0.030	3.540	4.200	0.720	4.920	501.0	4.7	496
20 03 78	1055			.3		0.590	1.200	0.017	3.000	3.607	0.610	4.217	413.0	22.0	391
28 03 78	0920			.3		0.460	1.09	0.028	3.32	3.808	0.630	4.438	363.	17.	346
11 04 78	0950			.3		0.300	2.28	0.066	3.23	3.596	1.980	5.576	630.	399.	
15 05 78	0950			.3		0.048	0.75	0.029	2.62	2.697	0.702	3.399	328.	25.	303
07 06 78	1340			.3		0.068	0.740	0.026	1.670	1.764	0.672	2.436	314.0	6.4	308
11 07 78	1037			.3		0.037	0.710	0.010	0.815	0.862	0.673	1.535	282.0	8.8	
22 08 78	1207			.3		0.040	0.49	0.009	0.355	0.404	0.450	0.854	278.	15.	
19 09 78	1210			.3		0.232	1.860	0.072	1.230	1.534	1.628	3.162	428.0	118.0	310
04 10 78	1340			.3		0.030	0.890	0.195	0.800	1.025	0.860	1.885	323.0	13.0	310
15 11 78	1220			.3		0.146	0.940	0.024	1.180	1.350	0.794	2.144	355.0	7.0	348
05 12 78	1350			.3		0.297	1.22	0.027	3.02	3.344	0.923	4.267	424.	36.	388
MAXIMUM						0.630	2.28	0.306	5.030	5.470	1.980	6.190	1552.0	399.	1523
AVG OR GEOM MN (*)						0.232	0.970	0.056	2.537	2.825	0.738	3.563	465.0	34.4	460
MINIMUM						0.030	0.49	0.009	0.355	0.404	0.442	0.854	278.	1.3	303
NO OF SAMPLES						22	22	22	22	22	22	22	22	22	18

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
04 01 78	1005			.3			680	2.70	24.5						
11 01 78	1120			.3			690	3.00	31.5	50.0	2.95	6.3	275	7.77	0.170
17 01 78	0930			.3			650	3.60	23.5	44.0	3.20	15.3	275	7.51	0.210
24 01 78	1250			.3			700	5.00	34.0	54.0	3.20	9.8	273	7.65	0.320
31 01 78	0950			.3			2490	27.00	513.0	118.0	5.60	40.3	471	7.46	1.740
07 02 78	1545			.3			680	4.50	26.5	56.0	3.45	10.9	272	7.77	0.280
15 02 78	1445			.3			730	3.70	39.0	78.0	3.50	7.2	263	7.97	0.210
22 02 78	1100			.3			765	2.80	42.0	78.0	3.55	8.4	272	7.92	0.230
27 02 78	1130			.3			720	3.40	38.5	67.0	3.40	8.1	264	7.89	0.270
06 03 78	1040			.3			750	6.80	37.0	75.0	4.00	4.7	284	7.83	0.480
13 03 78	1120			.3			795	4.40	53.0	81.0	3.35	9.2	263	7.81	0.170
20 03 78	1055			.3			640	8.30	31.0	49.0	2.95	4.8	250	7.93	0.760
28 03 78	0920			.3			570	13.	26.5	36.0	2.85	4.1	228	8.04	0.80
11 04 78	0950			.3		231	355	170.	11.0	21.5	2.15	3.0	152	7.73	17.0
15 05 78	0950			.3			425	9.0	13.0	26.0	1.40	2.0	185	8.15	0.54
07 06 78	1340			.3			490	5.70	27.0	50.0	0.75	1.8	179	7.85	0.280
11 07 78	1037			.3		273	420	4.30	17.5	37.5	1.30	0.0	170	8.33	0.190
22 08 78	1207			.3		263	406	7.4	.18.5	38.0	1.10	0.	159	8.41	0.46
19 09 78	1210			.3			455	48.00	22.5	47.0	1.90	5.5	172	7.80	2.400
04 10 78	1340			.3			475	7.30	28.5	48.0	1.05	1.1	168	7.98	0.470
15 11 78	1220			.3			560	4.60	27.0	65.0	0.55	0.9	197	8.18	0.250
05 12 78	1350			.3			640	17.	36.	67.	2.50	7.2	227	8.13	0.92
MAXIMUM						273	2490	170.	513.0	118.0	5.60	40.3	471	8.41	17.0
AVG OR GEOM MN (*)						256	686	16.43	51.0	56.5	2.61	7.2	238	7.91	1.340
MINIMUM						231	355	2.70	11.0	21.5	0.55	0.0	152	7.46	0.170
NO OF SAMPLES						3	22	22	22	21	21	21	21	21	21

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
11 01 78	1120			.3		1.0L	330.0	91.00	25.00	20	2.20	22.00	34	0.001L	0.110
17 01 78	0930			.3		1.0L	326.0	90.00	24.50	30	1.95	15.00	51	0.001	0.150
24 01 78	1250			.3		1.0L	325.0	89.00	25.00	15	2.10	22.00	23	0.001L	0.100
31 01 78	0950			.3		3.0	578.0	155.00	46.50		5.10	380.00	68	0.001	0.260
07 02 78	1545			.3		1.0L	337.0	93.00	25.50	20	2.10	17.00	50	0.001L	0.260
15 02 78	1445			.3		1.0	335.0	92.00	25.50	30	2.45	28.00	28	0.001L	0.100
22 02 78	1100			.3		1.0L	351.0	97.00	26.50	20	2.35	32.00	31	0.001L	0.140
27 02 78	1130			.3		2.0	342.0	94.00	26.00	20	2.35	26.00	35	0.001L	0.130
06 03 78	1040			.3		1.0L	360.0	99.00	27.50	20	2.65	26.00	38	0.001L	0.160
13 03 78	1120			.3		1.0L	359.0	95.00	29.50.	20	2.70	39.00	39	0.001L	0.190
20 03 78	1055			.3		1.0	305.0	85.00	22.50	30	3.10	19.00	74	0.001L	0.350
28 03 78	0920			.3		2.	265.	74.	19.5	40	3.	15.	31	0.001	0.920
11 04 78	0950			.3		1.	181.	52.	12.5		3.75	7.5	49	0.004	19.000
15 05 78	0950			.3		3.	217.	62.	15.	45	2.30	7.2	21	0.001	0.29
07 06 78	1340			.3			236.0	59.00	21.50	32	1.90	19.00	31	0.001L	0.060
11 07 78	1037			.3		1.0L	193.0	50.00	16.50	31	2.20	13.00	17	0.001	0.070
22 08 78	1207			.3		1. L	190.	48.	17.	28	2.25	13.	40		
19 09 78	1210			.3		1.0L	201.0	54.00	16.00	69	4.25	14.00	46	0.003	3.600
04 10 78	1340			.3		1.0L	207.0	54.00	17.50	26	2.65	25.00	20	0.001	0.320
15 11 78	1220			.3		1.0L	247.0	66.00	20.00	33			59	0.001	0.11
05 12 78	1350			.3		1.	285.	78.	22.	38	3.30	19.	49	0.001	1.100
MAXIMUM						3.0	578.0	155.00	46.50	69	5.10	380.00	74	0.004	19.000
AVG OR GEOM MN (*)						1.3D	293.8	79.86	22.93	30	2.73	37.94	40	0.001D	1.371
MINIMUM						1.0	181.	48.	12.5	15	1.90	7.2	17	0.001	0.060
NO OF SAMPLES						20	21	21	21	19	20	20	21	20	20

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
11 01 78 1120			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.018	0.020L	0.020L
17 01 78 0930			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.023	0.020L	0.020L
24 01 78 1250			.3		0.020L	0.010	0.030L	0.005L	0.010L	0.033	0.020L	0.020L
31 01 78 0950			.3		0.020L	0.020	0.070	0.005L	0.220	0.112	0.020L	0.020L
07 02 78 1545			.3		0.040L	0.010	0.030L	0.005L	0.010L	0.027	0.020L	0.020L
15 02 78 1445			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.026	0.020L	0.020L
22 02 78 1100			.3		0.020L	0.010L	0.030L	0.005L	0.020	0.024	0.020L	0.020L
27 02 78 1130			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.025	0.020L	0.020L
06 03 78 1040			.3		0.020L	0.010L	0.030L	0.005L	0.020	0.030	0.020L	0.020L
13 03 78 1120			.3		0.020L	0.010	0.030L	0.005L	0.050	0.019	0.020L	0.020L
20 03 78 1055			.3		0.040L	0.010	0.030L	0.005L	0.010	0.065	0.020L	0.020L
28 03 78 0920			.3		0.040L	0.020	0.030L	0.005L	0.010	0.050	0.020L	0.020L
11 04 78 0950			.3		0.040L	0.030	0.030L	0.005L	0.070	0.490	0.020L	0.020L
15 05 78 0950			.3		0.03 L	0.01 L	0.03 L	0.005L	0.01 L	0.034	0.02 L	0.02 L
07 06 78 1340			.3		0.020L	0.010L	0.030L	0.005L	0.010	0.029	0.020L	0.020L
11 07 78 1037			.3		0.020L	0.010	0.030L	0.005L	0.010L	0.041	0.020L	0.020L
22 08 78 1207			.3							0.044		
19 09 78 1210			.3		0.040L	0.020	0.030L	0.005L	0.040	0.175	0.020L	0.020L
04 10 78 1340			.3		0.020L	0.020	0.060L	0.010L	0.020L	0.044	0.040L	0.040L
15 11 78 1220			.3		0.02 L	0.02	0.04	0.005L	0.02	0.031	0.02 L	0.02 L
05 12 78 1350			.3		0.020L	0.030	0.030L	0.005L	0.020	0.064	0.050	0.020L
MAXIMUM					0.040	0.030	0.070	0.010	0.220	0.490	0.050	0.040
AVG OR GEOM MN (*)					0.026D	0.015D	0.034D	0.005D	0.030D	0.067	0.023D	0.021D
MINIMUM					0.020	0.010	0.030	0.005	0.010	0.018	0.020	0.020
NO OF SAMPLES					20	20	20	20	20	21	20	20

B.O.W./ SITE: CONESTOGO RIVER
SAMPLE POINT: AT WATERLOO COUNTY ROAD NO 22
STATION TYPE: RIVER

STATION ID: 16-0184-029-02

S
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 29 LAT: LONG: U T M: 17 0539200.0 4819125.0 4 REGION: 02 MILEAGE: 120.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1430			.3		39022	4	790.	64.	56.	1.0	10.6	2.0	0.076	0.027
06 02 78 1005			.3		39087	4	900.	40.	68.	2.0	9.5	0.4	0.041	0.030
14 03 78 1520			.3		39177	4	4400.	356.	920.	2.0	9.0	2.4	0.116	0.055
18 04 78 1505			.3		39247	6	1200.	60.	70.	7.0	11.6	0.5	0.160	0.086
16 05 78 1420			.3		39292	6	100.	10. L	840.	12.0	12.8	0.5	0.041	0.004
19 06 78 1455			.3		39488	8	350.	4. L	10. L	23.5	12.0		0.025	0.004
25 07 78 1415			.3		39535	8	490.	4. L	4.	23.5	7.8	0.8	0.058	0.003
02 08 78 1025			.3		39561	8	20.	12.	4.	22.0	7.2	0.8	0.029	0.004
13 09 78 1430			.3		39587	8	1500. G	274.	54.	15.0	12.1	1.0	0.061	0.001
16 10 78 1130			.3		39652	6	300.	30.	10. L	7.0	12.5	3.4	0.042	0.002
21 11 78 1410			.3		39684	6	1720.	780.	890.	2.5	13.4			
11 12 78 0955			.3		39742	4	400.	200.	1700.	1.0	12.6	0.4	0.056	0.020
MAXIMUM							4400.	780.	1700.	23.5	13.4	3.4	0.160	0.086
AVG OR GEOM MN (*)							521.* U	48.* D	74.* D	9.9	10.9	1.2	0.064	0.021
MINIMUM							20.	4.	4.	1.0	7.2	0.4	0.025	0.001
NO OF SAMPLES							12	12	12	12	12	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1430			.3		0.190	0.300	0.020	2.430	2.640	0.110	2.750	517.0	120.0	397
06 02 78 1005			.3		0.204	0.540	0.020	2.730	2.954	0.336	3.290	397.0	2.9	394
14 03 78 1520			.3		0.870	1.360	0.023	4.000	4.893	0.490	5.383	478.0	15.0	463
18 04 78 1505			.3		0.256	0.880	0.035	2.760	3.051	0.624	3.675	257.0	22.0	
16 05 78 1420			.3		0.006	0.610	0.029	3.870	3.905	0.604	4.509	331.0	7.2	324
19 06 78 1455			.3		0.044	0.500	0.024	1.330	1.398	0.456	1.854	253.0	6.3	
25 07 78 1415			.3		0.026	0.670	0.008	0.854	0.888	0.644	1.532	287.0	47.0	
02 08 78 1025			.3		0.022	0.520	0.008	0.762	0.792	0.498	1.290	259.0	12.0	
13 09 78 1430			.3		0.020	0.540	0.005	0.340	0.365	0.520	0.885	255.0	11.0	
16 10 78 1130			.3		0.023	0.840	0.008	1.290	1.321	0.817	2.138	313.0	4.4	309
11 12 78 0955			.3		0.220	0.86	0.028	3.57	3.818	0.640	4.458	424.	6.	418
MAXIMUM					0.870	1.360	0.035	4.000	4.893	0.817	5.383	517.0	120.0	463
AVG OR GEOM MN (*)					0.171	0.693	0.019	2.176	2.366	0.522	2.888	342.8	23.1	384
MINIMUM					0.006	0.300	0.005	0.340	0.365	0.110	0.885	253.0	2.9	309
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78 1430			.3			640	64.00	16.0	40.5
06 02 78 1005			.3			645	4.60	16.5	43.5
14 03 78 1520			.3			750	8.40	49.0	55.0
18 04 78 1505			.3		235	360	36.00	9.0	23.0
16 05 78 1420			.3			470	3.30	17.5	37.0
19 06 78 1455			.3		247	380	1.90	12.0	28.0
25 07 78 1415			.3		240	370	16.00	12.0	23.5
02 08 78 1025			.3		247	380	6.00	12.0	22.5
13 09 78 1430			.3		244	375	6.60	13.5	24.0
16 10 78 1130			.3			460	5.00	21.0	49.0
11 12 78 0955			.3			650	8.4	24.	60.
MAXIMUM					247	750	64.00	49.0	60.
AVG OR GEOM MN (*)					243	498	14.56	18.4	36.9
MINIMUM					235	360	1.90	9.0	22.5
NO OF SAMPLES					5	11	11	11	11

STATION ID: 16-0184-030-02

B.O.W./ SITE: LAUREL CREEK
SAMPLE POINT: AT MOUTH BRIDGEPORT
STATION TYPE: RIVER FLOW GAUGE FED 02GA024

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 30 LAT: LONG: U T M: 17 0541900.0 4814400.0 4 REGION: 02 MILEAGE: 110.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78	0945			.3		39034	4	14.10	9000.	2400.	510.	1.0	10.8	1.0	0.079
07 02 78	1445			.3		39092	4	7.80	6900.	1510.	520.	1.0	11.0	1.5	0.028
06 03 78	1105			.3		39143	4	8.10	1900.	40.	10.	2.0	12.0	0.2	0.044
11 04 78	1000			.3		39209	3	114.00	11000.	2600.	710.	6.0	10.5	3.0	0.320
15 05 78	1005			.3		39277	6	33.40	900.	160.	50.	10.5	8.5	2.5	0.200
07 06 78	1310			.3		39460	6	1.10	14200E+1	17000.	640.	15.0	8.7	2.0	0.060
11 07 78	1055			.3		39500	6	1.40	4000.	370.	110.	17.0	7.5	1.0	0.070
22 08 78	1146			.3		39566	6	2.30	14000E+1	1800.	40.	19.5	8.8	0.6	0.061
19 09 78	1230			.3		39592	6	36.50	13000.	1600.	1700.	13.0	9.6	2.2	0.208
04 10 78	1315			.3		39618	6	35.00	24000.	1500. G	1120.	15.0	10.6	2.2	0.110
15 11 78	1240			.3		39657	6 0	32.00	2700.	500.	450.	6.5	12.6	4.6	0.124
05 12 78	1200			.3		39702	6	25.60	6700.	1220.	740.	2.0	12.0	1.0	0.072
MAXIMUM								114.00	14200E+1	17000.	1700.	19.5	12.6	4.6	0.320
AVG OR GEOM MN (*)								25.94	9477.*	1000.* U	273.*	9.0	10.2	1.8	0.115
MINIMUM								1.10	900.	40.	10.	1.0	7.5	0.2	0.028
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78	0945			.3		0.036	0.352	0.750	0.037	2.070	2.459	0.398	2.857	546.0	3.2
07 02 78	1445			.3		0.009	0.356	0.660	0.015	2.030	2.401	0.304	2.705	563.0	8.4
06 03 78	1105			.3		0.031	0.288	0.710	0.015	3.400	3.703	0.422	4.125	496.0	1.6
11 04 78	1000			.3		0.049	0.150	1.05	0.035	1.76	1.945	0.900	2.845	504.	247.
15 05 78	1005			.3		0.009	0.096	1.08	0.021	1.53	1.647	0.984	2.631	494.	96.
07 06 78	1310			.3		0.019	0.194	0.790	0.095	1.500	1.789	0.596	2.385	600.0	5.2
11 07 78	1055			.3		0.012	0.078	0.640	0.066	1.500	1.644	0.562	2.206	612.0	5.2
22 08 78	1146			.3		0.019	0.130	0.66	0.051	1.38	1.561	0.530	2.091	535.	4.0
19 09 78	1230			.3		0.051	0.214	1.100	0.042	1.410	1.666	0.886	2.552	395.0	85.0
04 10 78	1315			.3		0.031	0.040	0.520	0.080	2.320	2.440	0.480	2.920	360.0	22.0
15 11 78	1240			.3		0.004	0.061	1.520	0.038	0.543	0.642	1.459	2.101	344.0	35.0
05 12 78	1200			.3		0.010	0.287	0.90	0.019	1.73	2.036	0.613	2.649	483.	21.
MAXIMUM						0.051	0.356	1.520	0.095	3.400	3.703	1.459	4.125	612.0	247.
AVG OR GEOM MN (*)						0.023	0.187	0.865	0.043	1.764	1.994	0.678	2.672	494.3	44.5
MINIMUM						0.004	0.040	0.520	0.015	0.543	0.642	0.304	2.091	344.0	1.6
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	25 PHENOLS UG/L
17 01 78	0945			.3		543		890	14.00	90.0	63.0	2.0
07 02 78	1445			.3		555		870	7.60	60.0	100.0	1.0L
06 03 78	1105			.3		494		765	2.70	41.5	73.0	1.0L
11 04 78	1000			.3			257	395	170.	43.0	22.5	3.
15 05 78	1005			.3		398		600	55.	44.0	38.5	4.
07 06 78	1310			.3		595		940	3.90	120.0	85.0	
11 07 78	1055			.3		607		890	3.00	115.0	68.0	1.0L
22 08 78	1146			.3		531		790	3.1	80.	78.	1. L
19 09 78	1230			.3		310		440	76.00	34.0	39.0	
04 10 78	1315			.3		338		495	24.00	53.5	37.0	2.0
15 11 78	1240			.3		309		530	22.00	30.0	35.5	1.0L
05 12 78	1200			.3		462		810	16.	22.	48.	2.
MAXIMUM						607	257	940	170.	120.0	100.0	4.
AVG OR GEOM MN (*)						467	257	701	33.11	61.1	57.3	1.8D
MINIMUM						309	257	395	2.70	22.	22.5	1.0
NO OF SAMPLES						11	1	12	12	12	12	10

STATION ID: 16-0184-031-02

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM PLATTSVILLE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 31 LAT: LONG: U T M: 17 0531150.0 4793000.0 4 REGION: 02 MILEAGE: 113.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1310			.3		39039	4	200.	160.	370.	1.0	10.6	2.0	0.052	0.010
07 02 78	1210			.3		39098	4	2500.	204.	440.	1.0	9.2	1.5	0.068	0.019
06 03 78	1435			.3		39149	4	160.	20.	30.	3.0	11.2	0.4	0.052	0.026
11 04 78	1305			.3		39215	3	13000.	730.	1200.	5.5	10.2	2.8	0.505	0.115
15 05 78	1155			.3		39283	6	1300.	60.	200.	12.0	8.5	1.6	0.052	0.051
07 06 78	1030			.3		39466	6	2200.	150.	100.	18.0	6.1	1.2	0.039	0.008
11 07 78	1247			.3		39506	6	42000.	230.	100.	21.0	7.6	1.4	0.074	0.013
22 08 78	1012			.3		39572	9	21000.	240.	30.	21.5	8.2	0.8	0.034	0.012
19 09 78	1440			.3		39598	6	5300.	1400.	1500.	14.0	8.4	1.8	0.410	0.031
04 10 78	1107			.3		39624	6	12000.	1500. G	1200.	13.5	7.8	1.6	0.076	0.014
15 11 78	1445			.3		39663	6	1700.	200.	200.	6.0	10.2	1.6	0.023	0.006
05 12 78	1000			.3		39708	6	1800.	150.	1320.	2.0	11.0	1.0	0.098	0.040
MAXIMUM								42000.	1500.	1500.	21.5	11.2	2.8	0.505	0.115
AVG OR GEOM MN (*)								2990.*	223.* U	272.*	9.9	9.1	1.5	0.124	0.029
MINIMUM								160.	20.	30.	1.0	6.1	0.4	0.023	0.006
NO OF SAMPLES								12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1310			.3		0.192	0.730	0.032	3.590	3.814	0.538	4.352	406.0	3.7	402
07 02 78 1210			.3		0.330	0.870	0.035	3.720	4.085	0.540	4.625	446.0	9.0	437
06 03 78 1435			.3		0.080	0.390	0.015	3.980	4.075	0.310	4.385	445.0	6.3	439
11 04 78 1305			.3		0.302	1.85	0.049	3.00	3.351	1.548	4.899	426.	218.	
15 05 78 1155			.3		0.044	0.71	0.025	2.32	2.389	0.666	3.055	372.	10.	362
07 06 78 1030			.3		0.066	0.650	0.035	1.260	1.361	0.584	1.945	375.0	8.8	366
11 07 78 1247			.3		0.180	0.940	0.017	0.975	1.172	0.760	1.932	393.0	13.0	380
22 08 78 1012			.3		0.232	0.82	0.015	1.11	1.357	0.588	1.945	402.	16.	386
19 09 78 1440			.3		0.120	1.680	0.067	4.830	5.017	1.560	6.577	452.0	120.0	332
04 10 78 1107			.3		0.140	0.730	0.044	2.710	2.894	0.590	3.484	399.0	3.9	395
15 11 78 1445			.3		0.063	0.620	0.014	2.290	2.367	0.557	2.924	408.0	5.0	403
05 12 78 1000			.3		0.107	0.82	0.022	4.63	4.759	0.713	5.472	617.	27.	590
MAXIMUM					0.330	1.85	0.067	4.830	5.017	1.560	6.577	617.	218.	590
AVG OR GEOM MN (*)					0.155	0.901	0.031	2.868	3.053	0.746	3.800	428.4	36.7	408
MINIMUM					0.044	0.390	0.014	0.975	1.172	0.310	1.932	372.	3.7	332
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
17 01 78 1310			.3			655	4.00	16.5	53.0
07 02 78 1210			.3			650	6.80	18.0	57.0
06 03 78 1435			.3			675	4.70	19.0	70.0
11 04 78 1305			.3		208	320	140.	9.3	21.5
15 05 78 1155			.3			520	6.8	19.0	38.0
07 06 78 1030			.3			580	3.30	16.5	83.0
11 07 78 1247			.3			560	8.00	18.0	102.0
22 08 78 1012			.3			520	6.9	16.5	98.
19 09 78 1440			.3			470	48.00	19.5	48.0
04 10 78 1107			.3			560	3.80	21.5	85.0
15 11 78 1445			.3			610	4.40	20.5	82.0
05 12 78 1000			.3			640	17.	30.5	60.
MAXIMUM					208	675	140.	30.5	102.0
AVG OR GEOM MN (*)					208	563	21.14	18.7	66.5
MINIMUM					208	320	3.30	9.3	21.5
NO OF SAMPLES					1	12	12	12	12

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG
STATION TYPE: RIVER FLOW GAUGE FED 02GA018

STATION ID: 16-0184-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 32 LAT: LONG: U T M: 17 0526050.0 4802400.0 4 REGION: 02 MILEAGE: 126.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1215			.3		39036	4	88.20	300.	16.	16.	0.5	11.0	1.0	0.061
07 02 78 1315			.3		39095	4	65.00	700.	64.	640.	1.0	9.6	1.0	0.073
06 03 78 1300			.3		39146	4	40.60	240.	52.	80.	2.5	11.8	0.5	0.061
11 04 78 1200			.3		39212	3	4770.00	11000.	710.	1400.	5.0	11.0	3.0	0.550
15 05 78 1110			.3		39280	6	340.00	1000.	190.	200.	12.0	8.5	2.0	0.094
07 06 78 1130			.3		39463	6	32.10	400.	70.	100.	18.0	6.2	1.8	0.058
11 07 78 1200			.3		39503	6	13.30	100.	4. L	16.	19.0	7.7	1.6	0.074
22 08 78 1050			.3		39569	6	16.50	280.	16.	4.	22.0	8.4	1.0	0.085
19 09 78 1340			.3		39595	6 B	626.00	11400.	1900.	600.	13.0	9.0	1.6	0.224
04 10 78 1200			.3		39621	6 B	57.40	45000.	1500. G	1100.	14.0	9.2	2.0	0.090
15 11 78 1350			.3		39660	6	44.10	100.	10. L	100. L	6.0	8.3	1.4	0.029
05 12 78 1055			.3		39705	6	488.00	13400.	440.	600. G	1.0	12.4	1.4	0.138
MAXIMUM							4770.00	45000.	1900.	1400.	22.0	12.4	3.0	0.550
AVG OR GEOM MN (*)							549.27	1129.*	93.* E	140.* E	9.5	9.4	1.5	0.128
MINIMUM							13.30	100.	4.	4.	0.5	6.2	0.5	0.029
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1215			.3		0.041	0.160	0.610	0.028	3.030	3.218	0.450	3.668	409.0	5.2
07 02 78 1315			.3		0.052	0.334	0.800	0.032	2.790	3.156	0.466	3.622	392.0	6.2
06 03 78 1300			.3		0.047	0.222	0.610	0.016	3.300	3.538	0.388	3.926	418.0	4.6
11 04 78 1200			.3		0.125	0.256	2.20	0.049	2.43	2.735	1.944	4.679	555.	376.
15 05 78 1110			.3		0.026	0.062	0.910	0.039	2.410	2.511	0.848	3.359	387.	20.
07 06 78 1130			.3		0.007	0.106	0.850	0.029	0.660	0.795	0.744	1.539	333.0	13.0
11 07 78 1200			.3		0.003	0.094	0.780	0.011	0.365	0.470	0.686	1.156	335.0	32.0
22 08 78 1050			.3		0.011	0.072	0.58	0.012	0.185	0.269	0.508	0.777	292.	32.
19 09 78 1340			.3		0.076	0.156	1.560	0.068	6.480	6.704	1.404	8.108	421.0	86.0
04 10 78 1200			.3		0.023	0.100	0.860	0.055	3.090	3.245	0.760	4.005	387.0	14.0
15 11 78 1350			.3		0.006	0.013	0.480	0.022	1.190	1.225	0.467	1.692	337.0	9.0
05 12 78 1055			.3		0.061	0.133	0.92	0.025	4.63	4.788	0.787	5.575	372.	35.
MAXIMUM					0.125	0.334	2.20	0.068	6.480	6.704	1.944	8.108	555.	376.
AVG OR GEOM MN (*)					0.040	0.142	0.930	0.032	2.547	2.721	0.788	3.509	386.5	52.8
MINIMUM					0.003	0.013	0.480	0.011	0.185	0.269	0.388	0.777	292.	4.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: NITH RIVER   STATION ID: 16-0184-032-02
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG
STATION TYPE: RIVER   FLOW GAUGE FED 02GA018   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO: 32   LAT: LONG: U T M: 17 0526050.0 4802400.0 4   REGION: 02   MILEAGE: 126.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
17 01 78	1215			.3		404		625	4.50	17.0	42.5
07 02 78	1315			.3		386		615	5.30	16.5	39.5
06 03 78	1300			.3		413		640	5.60	17.5	46.0
11 04 78	1200			.3			179	275	190.	7.7	16.5
15 05 78	1110			.3		367		520	12.0	20.0	31.5
07 06 78	1130			.3		320		520	6.40	18.5	47.0
11 07 78	1200			.3		303		460	23.00	16.5	51.0
22 08 78	1050			.3			260	400	24.	13.0	46.5
19 09 78	1340			.3		335		455	48.00	17.0	43.0
04 10 78	1200			.3		373		540	15.00	25.5	53.0
15 11 78	1350			.3		328		560	5.10	19.5	50.0
05 12 78	1055			.3		337		540	30.	22.	
MAXIMUM						413	260	640	190.	25.5	53.0
AVG OR GEOM MN (*)						357	220	513	30.74	17.6	42.4
MINIMUM						303	179	275	4.50	7.7	16.5
NO OF SAMPLES						10	2	12	12	12	11

B.O.W./ SITE: NITH RIVER   STATION ID: 16-0184-033-02
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM AYR
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO: 33   LAT: LONG: U T M: 17 0542840.0 4791450.0 4   REGION: 02   MILEAGE: 105.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78	1510			.3		39064	4				1.0	10.4	1.0	0.043	0.028
14 02 78	0940			.3		39115	4	300.	36.	36.	1.5	10.4	0.8	0.047	0.034
15 03 78	1610			.3		39190	6	2000.	76.	640.	3.0	12.0	1.4	0.091	0.085
17 04 78	1010			.3		39230	6	2400.	24.	390.	6.5	11.2	0.8	0.104	0.051
23 05 78	1500			.3		39455	6	8700.	16.	10.	17.0	11.4	1.4	0.047	0.013
14 06 78	1010			.3		39481	6	510.	4.	10.	14.0	10.6	1.0	0.044	0.013
12 07 78	1440			.3		39521	6				21.0	9.2	0.5	0.032	0.007
01 08 78	1035			.3		39548	6				20.0	8.4	0.5	0.034	0.002
26 09 78	1525			.3		39613	6	1500.	36.	4. L	14.5	9.3	0.5	0.040	0.007
10 10 78	1000			.3		39639	6	2400.	24.		10.0	9.8	1.4	0.024	0.018
22 11 78	1520			.3		39697	6	500.	36.	84.	3.0	13.5	0.2	0.041	0.017
06 12 78	0940			.3		39723	6	4200.	270.	350.	1.0	12.5	1.6	0.112	0.038
MAXIMUM								8700.	270.	640.	21.0	13.5	1.6	0.112	0.085
AVG OR GEOM MN (*)								1538.*	32.*	57.* D	9.4	10.7	0.9	0.055	0.026
MINIMUM								300.	4.	4.	1.0	8.4	0.2	0.024	0.002
NO OF SAMPLES								9	9	8	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78	1510			.3		0.078	0.430	0.026	3.820	3.924	0.352	4.276	445.0	1.4	444
14 02 78	0940			.3		0.102	0.510	0.036	1.860	1.998	0.408	2.406	455.0	3.7	451
15 03 78	1610			.3		0.166	0.710	0.019	1.750	1.935	0.544	2.479	437.0	6.4	431
17 04 78	1010			.3		0.080	0.680	0.029	0.770	0.879	0.600	1.479	333.0	21.0	312
23 05 78	1500			.3		0.114	0.700	0.032	2.070	2.216	0.586	2.802	376.0	7.6	368
14 06 78	1010			.3		0.094	0.66	0.033	2.17	2.297	0.566	2.863	419.	7.4	412
12 07 78	1440			.3		0.030	0.440	0.018	2.230	2.278	0.410	2.688	415.0	3.3	412
01 08 78	1035			.3		0.012	0.400	0.013	2.240	2.265	0.388	2.653	399.0	8.4	391
26 09 78	1525			.3		0.018	0.600	0.037	5.460	5.515	0.582	6.097	443.0	8.5	434
10 10 78	1000			.3		0.024	0.920	0.012	0.260	0.296	0.896	1.192	401.0	13.0	388
22 11 78	1520			.3		0.034	0.51	0.016	3.08	3.130	0.476	3.606	445.	6.	439
06 12 78	0940			.3		0.110	0.76	0.023	4.33	4.463	0.650	5.113	433.	31.	402
MAXIMUM						0.166	0.920	0.037	5.460	5.515	0.896	6.097	455.0	31.	451
AVG OR GEOM MN (*)						0.072	0.610	0.025	2.503	2.600	0.538	3.138	416.8	9.8	407
MINIMUM						0.012	0.400	0.012	0.260	0.296	0.352	1.192	333.0	1.4	312
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
18 01 78	1510			.3		675	2.40	19.0	70.0
14 02 78	0940			.3		685	3.60	19.0	83.0
15 03 78	1610			.3		650	5.40	26.5	78.0
17 04 78	1010			.3		455	12.00	11.5	44.5
23 05 78	1500			.3		539	2.90	17.0	55.0
14 06 78	1010			.3		610	2.2	17.5	93.
12 07 78	1440			.3		590	3.40	19.0	105.0
01 08 78	1035			.3		560	4.00	18.0	
26 09 78	1525			.3		620	5.30	20.5	90.0
10 10 78	1000			.3		590	8.00	22.0	74.0
22 11 78	1520			.3		650	6.3	22.	93.5
06 12 78	0940			.3		590	19.	24.	60.
MAXIMUM						685	19.	26.5	105.0
AVG OR GEOM MN (*)						601	6.21	19.7	76.9
MINIMUM						455	2.2	11.5	44.5
NO OF SAMPLES						12	12	12	11

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: EDINBOROUGH STREET GUELPH
STATION TYPE: RIVER

STATION ID: 16-0184-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 34   LAT: LONG: U T M: 17 0559650.0 4818999.0 4   REGION: 02   MILEAGE: 107.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	0900			.3		39008	4	200.	4. L	20.	2.0	9.4	0.8	0.064	0.004
06 02 78	1550			.3		39073	4	2500.	800.	28.	1.0	12.4	1.2	0.046	0.006
14 03 78	0920			.3		39163	6	11900.	470.	1470.	3.5	10.1	4.5	0.144	0.019
18 04 78	0940			.3		39232	6	600.	20.	10. L	5.0	12.4	0.2	0.029	0.008
08 05 78	0925			.3		39263	6	720.	16.	12.	10.0	10.6	0.8	0.020	0.003
20 06 78	1050			.3		39490	6 8	2100.	36.	66.	21.0	10.5	0.8	0.026	0.003
25 07 78	1005			.3		39523	6 8	12700.	12.	16.	21.5	7.4	0.8	0.022	0.002
02 08 78	1455			.3		39550	6 8	360.	14.	4.	23.0	9.4	1.0	0.029	0.002
13 09 78	0940			.3		39576	6 8	2100.	44.	30.	15.5	10.0	0.4	0.030	0.007
16 10 78	1615			.3		39641	6	5400.	66.	38.	10.0	11.3	0.6	0.067	0.028
21 11 78	0905			.3		39667	6	2300.	74.	168.	2.5	13.0	0.8	0.026	0.002
11 12 78	1555			.3		39725	6	900.	20.	70.	1.0	13.2	0.8	0.008	0.006
MAXIMUM								12700.	800.	1470.	23.0	13.2	4.5	0.144	0.028
AVG OR GEOM MN (*)								1699.*	39.* D	37.* D	9.7	10.8	1.1	0.043	0.008
MINIMUM								200.	4.	4.	1.0	7.4	0.2	0.008	0.002
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	0900			.3		0.120	0.730	0.006	1.920	2.046	0.610	2.656	465.0	63.0	402
06 02 78	1550			.3		0.200	0.690	0.016	1.830	2.046	0.490	2.536	409.0	29.0	380
14 03 78	0920			.3		0.262	1.300	0.029	2.200	2.491	1.038	3.529	477.0	83.0	394
18 04 78	0940			.3		0.050	0.510	0.013	2.190	2.253	0.460	2.713	275.0	3.9	
08 05 78	0925			.3		0.032	0.500	0.016	1.760	1.808	0.468	2.276	303.0	4.5	298
20 06 78	1050			.3		0.048	0.620	0.019	1.210	1.277	0.572	1.849	374.0	1.7	372
25 07 78	1005			.3		0.026	0.570	0.019	0.846	0.891	0.544	1.435	354.0	2.5	351
02 08 78	1455			.3		0.038	0.570	0.015	0.785	0.838	0.532	1.370	390.0	2.7	387
13 09 78	0940			.3		0.040	0.490	0.013	0.835	0.888	0.450	1.338	345.0	1.6	343
16 10 78	1615			.3		0.019	0.670	0.006	0.705	0.730	0.651	1.381	380.0	3.8	376
21 11 78	0905			.3		0.098	0.640	0.010	0.625	0.733	0.542	1.275	382.0	6.0	376
11 12 78	1555			.3		0.120	1.00	0.011	0.864	0.995	0.880	1.875	379.	32.	347
MAXIMUM						0.262	1.300	0.029	2.200	2.491	1.038	3.529	477.0	83.0	402
AVG OR GEOM MN (*)						0.088	0.691	0.014	1.314	1.416	0.603	2.019	377.8	19.5	366
MINIMUM						0.019	0.490	0.006	0.625	0.730	0.450	1.275	275.0	1.6	298
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	0900			.3			645	16.00	36.5	38.5
06 02 78	1550			.3			635	12.00	39.0	34.5
14 03 78	0920			.3			685	46.00	85.0	33.0
18 04 78	0940			.3		271	415	3.40	18.5	24.0
08 05 78	0925			.3			490	3.00	28.5	28.5
20 06 78	1050			.3			590	1.60	41.5	33.0
25 07 78	1005			.3			560	2.00	41.0	31.5
02 08 78	1455			.3			550	1.80	42.0	32.5
13 09 78	0940			.3			570	1.30	43.5	35.0
16 10 78	1615			.3			590	2.40	43.5	47.5
21 11 78	0905			.3			590	3.50	40.5	47.5
11 12 78	1555			.3			570	7.2	34.	50.5
MAXIMUM						271	685	46.00	85.0	50.5
AVG OR GEOM MN (*)						271	574	8.35	41.1	36.3
MINIMUM						271	415	1.30	18.5	24.0
NO OF SAMPLES						1	12	12	12	12

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BRIDGE AT DUNNVILLE GR-15
STATION TYPE: RIVER COMPOSITE

PLUARG

STATION ID: 16-0184-035-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 35   LAT: LONG: U T M: 17 0612660.0 4750440.0 4   REGION: 02   MILEAGE: 4.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
01 01 78	1000			.3		45400	2 3 0							0.062	0.038
02 01 78	1100			.3		45401	2 3 0							0.056	0.034
03 01 78	0800			.3		45402	2 3 0							0.051	0.035
04 01 78	0800			.3		45403	2 3 0							0.054	0.037
05 01 78	0800			.3		45404	2 3 0							0.052	0.037
06 01 78	0800			.3		45405	2 3 0							0.046	0.035
07 01 78	0800			.3		45406	2 3 0							0.047	0.034
08 01 78	1300			.3		45407	2 3 0							0.041	0.031
09 01 78	0800			.3		45408	2 3 0							0.050	0.035
18 01 78	1210			.3		39051	6	120.	4. L	28.	1.0	11.6	0.9	0.060	0.038
02 02 78	1005			.3		38341	4	700.	20.	60.	2.0	8.7	1.0	0.074	0.034
14 02 78	1220			.3		39109	6	210.	4. L	16.	0.5	11.0	0.8	0.055	0.051
15 03 78	1315			.3		39184	6	4. L	4. L	64.	2.0	10.2	1.0	2.800	0.029
02 04 78	1100			.3		46901	2 3 0							0.182	0.042
03 04 78	1800			.3		46903	2 3 0							0.218	0.062
04 04 78	0800			.3		46905	2 3 0							0.230	0.075
06 04 78	0800			.3		46907	2 3 0							0.164	0.061
07 04 78	0800			.3		46909	2 3 0							0.200	0.064
08 04 78	0800			.3		46911	2 3 0							0.222	0.063
09 04 78	1100			.3		46913	2 3 0							0.256	0.073
10 04 78	0800			.3		46915	2 3 0							0.214	0.075
11 04 78	0800			.3		46917	2 3 0							0.130	0.063
12 04 78	0800			.3		46919	2 3 0							0.152	0.054
13 04 78	0800			.3		46921	2 3 0							0.500	0.089
15 04 78	0800			.3		46923	2 3 0							0.590	0.053
	1830			.3		46925	2 3 0							0.156	0.052
16 04 78	1030			.3		46927	2 3 0							0.132	0.050

(C O N T D)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BRIDGE AT DUNNVILLE GR-15
STATION TYPE: RIVER COMPOSITE

PLUARG

STATION ID: 16-0184-035-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 35 LAT: LONG: U T M: 17 0612660.0 4750440.0 4 REGION: 02 MILEAGE: 4.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
	1830			.3		46929	2 3 0							0.109	0.049
17 04 78	0800			.3		46931	2 3 0							0.102	0.045
	1330			.3		39224	6	304.	4. L	4.	8.0	10.8	0.8	0.106	0.049
	1830			.3		46933	2 3 0							0.098	0.039
18 04 78	0800			.3		46935	2 3 0							0.090	0.036
19 04 78	0800			.3		46937	2 3 0							0.112	0.035
20 04 78	0800			.3		46939	2 3 0							0.122	0.036
	1000			.3		38469	3	1320.	4. L	44.	7.9	11.7	0.5	0.114	0.046
04 05 78	0800			.3		46941	2 3 0							0.122	0.001
06 05 78	0800			.3		46943	2 3 0							0.104	0.001
07 05 78	0930			.3		46945	2 3 0							0.126	0.001L
08 05 78	0800			.3		46947	2 3 0							0.082	0.001L
09 05 78	0800			.3		46949	2 3 0							0.135	0.007
11 05 78	0800			.3		46951	2 3 0							0.110	0.005
13 05 78	0800			.3		46953	2 3 0							0.086	0.004
15 05 78	0800			.3		46955	2 3 0							0.091	0.002
	0830			.3		46956	2 3 0								
16 05 78	0800			.3		46957	2 3 0							0.108	0.009
	0830			.3		46958	2 3 0								
17 05 78	1950			.3		46959	2 3 0							0.122	0.004
	2000			.3		46960	2 3 0								
21 05 78	1030			.3		46961	2 3 0							0.146	0.001
	1100			.3		46962	2 3 0								
22 05 78	1030			.3		46963	2 3 0							0.104	0.004
	1100			.3		46964	2 3 0								
23 05 78	1145			.3		39299	6	210.	4. L	4. L	19.0	15.8	2.2	0.110	0.024
24 05 78	0830			.3		46965	2 3 0							0.111	0.004
	0900			.3		46966	2 3 0								
25 05 78	0800			.3		46967	2 3 0							0.108	0.003
	0830			.3		46968	2 3 0								
27 05 78	0800			.3		46969	2 3 0							0.112	0.005
	0830			.3		46970	2 3 0								
29 05 78	0800			.3		46971	2 3 0							0.078	0.005
	0830			.3		46972	2 3 0								
30 05 78	0800			.3		46973	2 3 0							0.078	0.007
	0830			.3		46974	2 3 0								
01 06 78	0800			.3		46975	2 3 0							0.160	0.008
	0830			.3		46976	2 3 0								
03 06 78	1900			.3		46977	2 3 0								0.016
	1930			.3		46978	2 3 0								
05 06 78	0800			.3		46979	2 3 0								
	0830			.3		46980	2 3 0								
06 06 78	0800			.3		46981	2 3 0							0.153	0.018
	0830			.3		46982	2 3 0								
08 06 78	0800			.3		46983	2 3 0							0.206	0.015
10 06 78	0800			.3		46984	2 3 0							0.175	0.006
12 06 78	1130			.3		46985	2 3 0							0.160	0.001
13 06 78	0800			.3		46986	2 3 0							0.185	0.025
14 06 78	1240			.3		39475	6			4. L	19.0	10.0	2.2	0.175	0.034
15 06 78	0800			.3		46987	2 3 0							0.180	0.020
17 06 78	0800			.3		46988	2 3 0						2.4	0.140	0.005
19 06 78	1330			.3		46989	2 3 0						3.0	0.112	0.003
20 06 78	0800			.3		46990	2 3 0						2.4	0.124	0.007
22 06 78	0800			.3		46991	2 3 0						2.4	0.144	0.004
24 06 78	0800			.3		46992	2 3 0						2.0	0.146	0.004
26 06 78	0800			.3		46993	2 3 0						2.4	0.116	0.004
27 06 78	0800			.3		46994	2 3 0						2.0	0.136	0.010
04 07 78	0800			.3		46998	2 3 0						3.0	0.168	0.021
06 07 78	0800			.3		46999	2 3 0						3.0	0.114	0.004
08 07 78	0800			.3		47000	2 3 0						3.6	0.170	0.005
10 07 78	0800			.3		47001	2 3 0						3.6	0.174	0.007
	0950			.3		38593	6	200.	128.	196.	23.0	8.3	10.0G	0.190	0.013
11 07 78	0800			.3		47002	2 3 0						3.4	0.212	0.010
12 07 78	1135			.3		39515	6	50.	4. L	4.	23.0	8.2	2.8	0.122	0.015
13 07 78	0800			.3		47003	2 3 0						2.4	0.140	0.007
15 07 78	0800			.3		47004	2 3 0						1.8	0.140	0.004
17 07 78	0800			.3		47005	2 3 0						2.2	0.177	0.003
18 07 78	0800			.3		47006	2 3 0						2.4	0.146	0.007
20 07 78	0800			.3		47007	2 3 0						4.5	0.183	0.005
22 07 78	0800			.3		47008	2 3 0						2.0	0.149	0.011
24 07 78	0800			.3		47009	2 3 0						2.6	0.175	0.029
25 07 78	0800			.3		47010	2 3 0						1.8	0.155	0.006
27 07 78	0800			.3		47011	2 3 0						3.0	0.600	0.006
30 07 78	1900			.3		47012	2 3 0						2.0	0.150	0.019
31 07 78	0900			.3		47013	2 3 0						2.0	0.150	0.011
01 08 78	0800			.3		47014	2 3 0						1.6	0.137	0.010
	1335			.3		39542	6	30.	4. L	4. L	25.0	11.2	4.0	0.089	0.004
03 08 78	0800			.3		47015	2 3 0						3.0	0.159	0.005
05 08 78	0800			.3		47016	2 3 0						2.0	0.154	0.011
07 08 78	1630			.3		47017	2 3 0						2.8	0.132	0.003
08 08 78	0800			.3		47018	2 3 0						2.6	0.080	0.011
10 08 78	0800			.3		47019	2 3 0						2.8	0.180	0.010
12 08 78	0800			.3		47020	2 3 0						2.0	0.128	0.004
14 08 78	0930			.3		47021	2 3 0						2.8	0.077	0.003
15 08 78	2000			.3		47022	2 3 0						2.8	0.138	0.003
16 08 78	2000			.3		47023	2 3 0						3.4	0.148	0.004
19 08 78	2000			.3		47024	2 3 0						3.4	0.154	0.003
20 08 78	1000			.3		47025	2 3 0						3.0	0.178	0.005
27 08 78	1030			.3		47026	2 3 0						2.6	0.126	0.002
28 08 78	1200			.3		47027	2 3 0						3.0	0.136	0.003
29 08 78	1930			.3		47028	2 3 0						3.8	0.127	0.002
30 08 78	1930			.3		47029	2 3 0						3.5	0.120	0.003
03 09 78	1030			.3		47030	2 3 0						2.2	0.100	0.007
04 09 78	1030			.3		47031	2 3 0						2.6	0.154	0.007
05 09 78	0800			.3		47032	2 3 0						2.0	0.134	0.012
06 09 78	2000			.3		47033	2 3 0						3.2	0.105	0.008
17 09 78	1700			.3		47038	2 3 0						2.0	0.123	0.012
18 09 78	0800			.3		47039	2 3 0						2.0	0.106	0.013
23 09 78	0830			.3		47044	2 3 0						0.8	0.150	0.024
24 09 78	1315			.3		47046	2 3 0						0.2	0.150	0.016
26 09 78	0830			.3		47048	2 3 0						2.0	0.130	0.007
	1230			.3		39607	6 8	180.	12.	12.	16.5	9.9	2.0	0.132	0.009
27 09 78	0830			.3		47050	2 3 0						2.4	0.116	0.004
01 10 78	1130			.3		47052	2 3 0						2.0	0.128	0.007
02 10 78	0830			.3		47054	2 3 0						2.0	0.120	0.024
03 10 78	0830			.3		47056	2 3 0						2.0	0.150	0.009
05 10 78	0800			.3		47058	2 3 0						2.4	0.154	0.017
07 10 78	1915			.3		47059	2 3 0						1.5	0.141	0.017
08 10 78	1030			.3		47061	2 3 0						1.2	0.114	0.024

(CONTD)

```
09 10 78 1030           .3     47063   2 3 0                                                 1.0    0.160    0.052
10 10 78 1305           .3     39633              9000.    120.             15.0     8.3     1.4    0.195    0.024
11 10 78 1230           .3     47065   2 3 0                                                 1.0    0.115    0.010
14 10 78 1900           .3     47067   2 3 0                                                 1.4    0.101    0.007
15 10 78 1100           .3     47069   2 3 0                                                 1.4    0.115    0.008
17 10 78 0800           .3     47071   2 3 0                                 4.0                    0.090    0.007
19 10 78 0800           .3     47072   2 3 0                                 4.0             1.5    0.114    0.007
21 10 78 0800           .3     47074   2 3 0                                10.0             0.8    0.098    0.005
22 10 78 1100           .3     47075   2 3 0                                12.0             1.0    0.105    0.006
24 10 78 0800           .3     47076   2 3 0                                10.0             1.0    0.088    0.005
26 10 78 0800           .3     47077   2 3 0                                11.0             0.5    0.086    0.008
29 10 78 1100           .3     47078   2 3 0                                 9.0             1.2    0.080    0.007
30 10 78 1300           .3     47079   2 3 0                                10.0             1.2    0.080    0.015
31 10 78 0815           .3     47080   2 3 0                                10.0             0.8    0.092    0.011
         1030           .3     38715   6           100.     10. L    20.     9.5    10.7     0.6    0.100    0.009
01 11 78 0815           .3     47081   2 3 0                                10.0             0.8    0.083    0.009
05 11 78 1130           .3     47082   2 3 0                                10.0             0.8    0.078    0.005
06 11 78 1500           .3     47083   2 3 0                                11.0             1.6    0.084    0.006
11 11 78 0800           .3     47084   2 3 0                                10.0             2.2    0.074    0.008
12 11 78 1100           .3     47085   2 3 0                                 8.0             1.0    0.084    0.008
13 11 78 1130           .3     47086   2 3 0                                 7.0             0.8    0.062    0.008
15 11 78 0800           .3     47087   2 3 0                                 8.0             0.8    0.098    0.025
16 11 78 0730           .3     47088   2 3 0                                 7.0             0.8    0.072    0.016
19 11 78 1600           .3     47089   2 3 0                                 7.0             0.6    0.083    0.009
20 11 78 1430           .3     47090   2 3 0                                 4.0             1.2    0.070    0.011
22 11 78 0730           .3     47092   2 3 0                                 3.0             0.8    0.060    0.027
         1155           .3     39691   6           100.     30.      90.     4.0    11.0     1.0    0.081    0.025
23 11 78 0730           .3     47094   2 3 0                                 3.0             0.8    0.054    0.028
26 11 78 1630           .3     47096   2 3 0                                 2.0             1.4    0.064    0.027
27 11 78 0800           .3     47098   2 3 U                                 2.0             1.6    0.068    0.028
29 11 78 0800           .3     47100   2 3 0                                 1.0             1.4    0.058    0.027
30 11 78 0800           .3     47102   2 3 0                                 2.0             1.2    0.056    0.026
03 12 78 1530           .3     47104   2 3 0                                 1.0             0.2    0.058    0.024
04 12 78 0730           .3     47106   2 3 0                                 3.0             0.2    0.055    0.030
06 12 78 0730           .3     47108   2 3 0                                 1.0             0.8    0.073    0.036
         1250           .3     39717   6          3200.    104.     204.     3.0    11.4     1.8    0.088    0.043
07 12 78 0730           .3     47110   2 3 0                                 1.0             1.0    0.104    0.057
09 12 78 0730           .3     47112   2 3 0                                 1.0             0.4    0.066    0.037
10 12 78 1100           .3     47114   2 3 0                                 0.0             0.6    0.069    0.039
17 12 78 1630           .3     47116   2 3 0                                 1.0             0.2    0.044    0.027
18 12 78 0730           .3     47118   2 3 0                                 1.0             0.2    0.044    0.026
20 12 78 0730           .3     47120   2 3 0                                 0.0             0.8    0.048    0.027
21 12 78 0730           .3     47121   2 3 0                                 0.0             0.8    0.047    0.026
24 12 78 1030           .3     47122   2 3 0                                 1.0             0.2    0.049    0.025
         1100           .3     47123   2 3 0                                 1.0
26 12 78 1100           .3     47124   2 3 0                                 0.0             0.2    0.041    0.024
27 12 78 0800           .3     47125   2 3 0                                 0.0             1.4    0.056    0.025
28 12 78 0730           .3     47126   2 3 0                                 0.0             0.2    0.047    0.026
29 12 78 1030           .3     47127   2 3 0                                 0.0             0.2    0.044    0.029
31 12 78 1030           .3     47128   2 3 0                                 1.0             0.2    0.049    0.028

                   MAXIMUM                        9000.    128.     204.    25.0    15.8    10.0    2.800    0.089
        AVG OR GEOM MN (*)                        214.* D  11.* D   21.* D   6.3    10.6    1.8U    0.139    0.020D
                   MINIMUM                           4.      4.       4.     0.0     8.2     0.2    0.041    0.001

             NO OF SAMPLES                           15      15       15      58      16     115      169      170
```

```
                                         19        20        21        22        17        18        23        29         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N  FILTERED     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            NO2 +NO3    SOLIDS    SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

01 01 78 1000                .3       0.216     0.720                                   0.504     4.240     3.520
02 01 78 1100                .3       0.240     0.720                                   0.480     4.300     3.580
03 01 78 0800                .3       0.252     0.830                                   0.578     4.350     3.520
04 01 78 0800                .3       0.248     0.790                                   0.542     4.550     3.760
05 01 78 0800                .3       0.288     0.780                                   0.492     4.300     3.520
06 01 78 0800                .3       0.326     0.730                                   0.404     3.880     3.150
07 01 78 0800                .3       0.284     0.720                                   0.436     3.870     3.150
08 01 78 1300                .3       0.282     0.670                                   0.388     3.720     3.050
09 01 78 0800                .3       0.310     0.730                                   0.420     3.780     3.050
18 01 78 1210                .3       0.330     0.870     0.034     2.950     3.314     0.540     3.854               546.0       2.3
02 02 78 1005                .3       0.574     1.090     0.030     2.750     3.354     0.516     3.870               578.0       5.7
14 02 78 1220                .3       0.372     0.81      0.021     2.66      3.053     0.438     3.491               516.0       2.5
15 03 78 1315                .3       0.400     1.150     0.012     3.030     3.442     0.750     4.192               512.0       6.9
02 04 78 1100                .3       0.254     0.720                                   0.466     3.470     2.750               111.5
03 04 78 1800                .3       0.320     1.160                                   0.840     3.760     2.600               134.5
04 04 78 0800                .3       0.310     0.960                                   0.650     3.990     3.030               128.5
06 04 78 0800                .3       0.268     0.980                                   0.712     4.260     3.280                66.5
07 04 78 0800                .3       0.246     0.940                                   0.694     4.220     3.280                96.5
08 04 78 0800                .3       0.220     1.180                                   0.960     4.410     3.230               153.0
09 04 78 1100                .3       0.232     1.140                                   0.908     4.240     3.100               140.0
10 04 78 0800                .3       0.198     1.000                                   0.802     3.930     2.930               103.5
11 04 78 0800                .3       0.202     0.840                                   0.638     3.620     2.780                61.0
12 04 78 0800                .3       0.186     0.840                                   0.654     3.770     2.930                70.0
13 04 78 0800                .3       0.246     1.580                                   1.334     4.430     2.850               274.5
15 04 78 0800                .3       0.156     1.190                                   1.034     3.320     2.130               185.0
         1830                .3       0.166     0.800                                   0.634     2.830     2.030               138.0
16 04 78 1030                .3       0.158     0.760                                   0.602     2.610     1.850                66.0
         1830                .3       0.154     0.710                                   0.556     2.610     1.900                46.0
17 04 78 0800                .3       0.144     0.740                                   0.596     2.690     1.950                44.5
         1330                .3       0.140     0.740     0.025     1.020     1.185     0.600     1.785               299.0      36.0
         1830                .3       0.136     0.680                                   0.544     2.780     2.100                31.0
18 04 78 0800                .3       0.140     0.680                                   0.540     2.830     2.150                29.0
19 04 78 0800                .3       0.142     0.680                                   0.538     2.930     2.250                34.0
20 04 78 0800                .3       0.154     0.740                                   0.586     3.170     2.430                46.5
         1000                .3       0.158     0.78      0.027     2.50      2.685     0.622     3.307               386.       46.
04 05 78 0800                .3       0.028     0.900                                   0.872     2.900     2.000                56.0
06 05 78 0800                .3       0.038     0.820                                   0.782     2.720     1.900                41.0
07 05 78 0930                .3       0.016     0.820                                   0.804     2.800     1.980                35.0
08 05 78 0800                .3       0.010     0.780                                   0.770     2.810     2.030                38.5
09 05 78 0800                .3       0.060     0.720                                   0.660     2.720     2.000                56.0
11 05 78 0800                .3       0.036     0.690                                   0.654     2.770     2.080                55.0
13 05 78 0800                .3       0.040     0.600                                   0.560     2.850     2.250                57.0
15 05 78 0800                .3       0.034     0.680                                   0.646     2.530     1.850                36.0
16 05 78 0800                .3       0.074     0.860                                   0.786     2.740     1.880                59.0
17 05 78 1950                .3       0.038     0.820                                   0.782     2.900     2.080                36.0
21 05 78 1030                .3       0.002     0.900                                   0.898     2.350     1.450                80.0
22 05 78 1030                .3       0.040     0.800                                   0.760     2.170     1.370                59.5
23 05 78 1145                .3       0.126     0.920     0.053     1.430     1.609     0.794     2.403               443.0      33.0
24 05 78 0830                .3       0.048     0.860                                   0.812     2.130     1.270                77.0
25 05 78 0800                .3       0.040     0.870                                   0.830     2.240     1.370                62.0
27 05 78 0800                .3       0.046     0.860                                   0.814     2.210     1.350                55.5
29 05 78 0800                .3       0.044     0.940                                   0.896     2.040     1.100                38.0
30 05 78 0800                .3       0.074     1.000                                   0.926     1.950     0.950                34.0
01 06 78 0800                .3       0.062     1.300                                   1.238     2.130     0.830                69.0
03 06 78 1900                .3       0.188                                                                 0.765                21.0
06 06 78 0800                .3       0.096     1.160                                   1.064     1.960     0.800                73.0

                                                                                                                     ( C O N T D )
```

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BRIDGE AT DUNNVILLE GR-15
STATION TYPE: RIVER COMPOSITE

PLUARG

STATION ID: 16-0184-035-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 35 LAT: LONG: U T M: 17 0612660.0 4750440.0 4 REGION: 02 MILEAGE: 4.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	29 FILTERED NO2 +NO3 MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
08 06 78 0800			.3		0.176	1.220				1.044	2.200	0.980		88.0
10 06 78 0800			.3		0.064	1.050				0.986	2.250	1.200		
12 06 78 1130			.3		0.034	1.150				1.116	2.330	1.180		
13 06 78 0800			.3		0.158	1.350				1.192	2.650	1.300		89.0
14 06 78 1240			.3		0.190	1.25	0.069	1.16	1.419	1.060	2.479		591.	71.
15 06 78 0800			.3		0.128	1.250				1.122	2.600	1.350		88.0
17 06 78 0800			.3		0.082	0.950				0.868	2.230	1.280		74.0
19 06 78 1330			.3		0.022	0.890				0.868	2.090	1.200		58.0
20 06 78 0800			.3		0.036	0.940				0.904	2.140	1.200		56.0
22 06 78 0800			.3		0.044	0.880				0.836	2.110	1.230		76.0
24 06 78 0800			.3		0.070	1.000				0.930	2.250	1.250		73.0
26 06 78 0800			.3		0.088	1.080				0.992	2.000	0.920		60.0
27 06 78 0800			.3		0.132	0.980				0.848	1.845	0.865		66.0
04 07 78 0800			.3		0.304	1.220				0.916	1.605	0.385		69.0
06 07 78 0800			.3		0.054	0.920				0.866	1.270	0.350		61.0
08 07 78 0800			.3		0.088	1.120				1.032	1.465	0.345		64.0
10 07 78 0800			.3		0.080	1.120				1.040	1.545	0.425		88.0
0950			.3		0.184	1.260	0.025	0.165	0.374	1.076	1.450		516.0	62.0
11 07 78 0800			.3		0.122	1.340				1.218	1.790	0.450		85.0
12 07 78 1135			.3		0.224	1.270	0.029	0.186	0.439	1.046	1.485		501.0	34.0
13 07 78 0800			.3		0.136	0.940				0.804	1.500	0.560		64.0
15 07 78 0800			.3		0.114	1.040				0.926	1.622	0.582		74.0
17 07 78 0800			.3		0.142	1.130				0.988	1.547	0.417		80.0
18 07 78 0800			.3		0.152	1.080				0.928	1.580	0.500		72.0
20 07 78 0800			.3		0.072	1.240				1.168	2.040	0.800		70.0
22 07 78 0800			.3		0.164	1.000				0.836	1.304	0.304		88.0
24 07 78 0800			.3		0.264	1.250				0.986	1.690	0.440		81.0
25 07 78 0800			.3		0.126	1.150				1.024	1.620	0.470		73.0
27 07 78 0800			.3		0.034	1.850				1.816	2.290	0.440		63.0
30 07 78 1900			.3		0.138	1.000				0.862	1.430	0.430		56.0
31 07 78 0900			.3		0.088	0.850				0.762	1.220	0.370		75.0
01 08 78 0800			.3		0.052	0.790				0.738	1.200	0.410		76.0
1335			.3		0.242	0.660	0.003	0.005L	0.250	0.418	0.668		470.0	52.0
03 08 78 0800			.3		0.102	1.020				0.918	1.170	0.150		81.0
05 08 78 0800			.3		0.202	0.980				0.778	1.700	0.720		79.0
07 08 78 1630			.3		0.090	0.920				0.830	1.490	0.570		55.0
08 08 78 0800			.3		0.256	1.040				0.784	1.605	0.565		64.0
10 08 78 0800			.3		0.146	0.900				0.754	1.550	0.650		78.0
12 08 78 0800			.3		0.056	0.840				0.784	1.380	0.540		67.0
14 08 78 0930			.3		0.064	0.920				0.856	1.370	0.450		61.0
15 08 78 2000			.3		0.270	1.080				0.810	1.410	0.330		52.0
16 08 78 2000			.3		0.230	1.100				0.870	1.355	0.255		50.0
19 08 78 2000			.3		0.130	1.300				1.170	1.515	0.215		68.0
20 08 78 1000			.3		0.132	1.080				0.948	1.375	0.295		77.0
27 08 78 1030			.3		0.074	1.000				0.926	1.395	0.395		59.0
28 08 78 1200			.3		0.068	1.040				0.972	1.390	0.350		62.0
29 08 78 1930			.3		0.104	1.040				0.936	1.425	0.385		55.0
30 08 78 1930			.3		0.082	0.980				0.898	1.555	0.575		45.0
03 09 78 1030			.3		0.144	0.710				0.566	1.245	0.535		66.0
04 09 78 1030			.3		0.140	0.860				0.720	1.395	0.535		68.0
05 09 78 0800			.3		0.174	0.610				0.436	1.275	0.665		64.0
06 09 78 2000			.3		0.152	0.470				0.318	1.120	0.650		62.0
17 09 78 1700			.3		0.048	0.680				0.632	1.980	1.300		51.0
18 09 78 0800			.3		0.080	0.740				0.660	2.090	1.350		62.0
23 09 78 0830			.3		0.116	1.020				0.904	2.620	1.600		22.5
24 09 78 1315			.3		0.076	0.940				0.864	2.490	1.550		30.5
26 09 78 0830			.3		0.050	0.920				0.870	2.470	1.550		48.0
1230			.3		0.102	0.990	0.039	1.610	1.751	0.888	2.639		431.0	40.0
27 09 78 0830			.3		0.032	0.940				0.908	3.290	2.350		52.5
01 10 78 1130			.3		0.094	1.120				1.026	3.370	2.250		71.0
02 10 78 0830			.3		0.078	1.020				0.942	3.320	2.300		62.5
03 10 78 0830			.3		0.110	1.080				0.970	3.380	2.300.		
05 10 78 0800			.3		0.068	1.000				0.932	3.550	2.550		
07 10 78 1915			.3		0.040	0.790				0.750	2.990	2.200		64.5
08 10 78 1030			.3		0.064	0.820				0.756	2.970	2.150		46.5
09 10 78 1030			.3		0.086	0.980				0.894	3.480	2.500		44.5
10 10 78 1305			.3		0.026	1.050	0.041	2.660	2.727	1.024	3.751		499.0	87.0
11 10 78 1230			.3		0.022	1.000				0.978	3.200	2.200		46.0
14 10 78 1900			.3		0.073	0.840				0.767	2.740	1.900		45.0
15 10 78 1100			.3		0.083	0.970				0.887	2.920	1.950		47.0
17 10 78 0800			.3		0.050	0.760				0.710	2.610	1.850		34.0
19 10 78 0800			.3		0.052	0.920				0.868	2.970	2.050		46.0
21 10 78 0800			.3		0.042	0.840				0.798	2.690	1.850		42.0
22 10 78 1100			.3		0.028	0.800				0.772	2.550	1.750		51.0
24 10 78 0800			.3		0.020	0.800				0.780	2.650	1.850		45.0
26 10 78 0800			.3		0.028	0.760				0.732	2.550	1.790		39.0
29 10 78 1100			.3		0.031	0.680				0.649	2.430	1.750		32.0
30 10 78 1500			.3		0.021	0.660				0.639	2.410	1.750		38.0
31 10 78 0815			.3		0.042	0.820				0.778	2.520	1.700		42.0
1030			.3		0.084	0.840	0.021	1.830	1.935	0.756	2.691		608.0	52.0
01 11 78 0815			.3		0.034	0.700				0.666	2.350	1.650		39.0
05 11 78 1130			.3		0.020	0.660				0.640	2.310	1.650		44.0
06 11 78 1500			.3		0.014	0.680				0.666	2.330	1.650		40.0
11 11 78 0800			.3		0.054	0.680				0.626	2.480	1.800		41.0
12 11 78 1100			.3		0.030	0.720				0.690	2.520	1.800		49.0
13 11 78 1130			.3		0.030	0.720				0.690	2.470	1.750		29.0
15 11 78 0800			.3		0.054	0.820				0.766	2.570	1.750		59.0
16 11 78 0730			.3		0.041	0.800				0.759	2.650	1.850		38.0
19 11 78 1600			.3		0.108	0.720				0.612	2.670	1.950		29.0
20 11 78 1430			.3		0.156	0.730				0.574	2.890	2.160		25.0
22 11 78 0730			.3		0.122	0.780				0.658	2.980	2.200		9.0
1155			.3		0.106	0.74	0.029	2.13	2.265	0.634	2.899		494.	12.
23 11 78 0730			.3		0.116	0.660				0.544	2.810	2.150		6.0
26 11 78 1630			.3		0.123	0.750				0.627	2.850	2.100		7.0
27 11 78 0800			.3		0.128	0.800				0.672	3.250	2.450		8.0
29 11 78 0800			.3		0.319	0.830				0.511	3.280	2.450		8.0
30 11 78 0800			.3		0.319	0.800				0.481	3.150	2.350		12.0
03 12 78 1530			.3		0.226	0.910				0.684	3.710	2.800		8.0
04 12 78 0730			.3		0.242	0.900				0.658	4.000	3.100		9.0
06 12 78 0730			.3		0.380	0.970				0.590	3.670	2.700		10.0
1250			.3		0.310	1.00	0.029	2.37	2.709	0.690	3.399		487.	9.
07 12 78 0730			.3		0.250	0.920				0.670	4.070	3.150		14.0
09 12 78 0730			.3		0.320	0.880				0.560	3.630	2.750		6.0
10 12 78 1100			.3		0.300	0.870				0.570	3.920	3.050		6.5
17 12 78 1630			.3		0.336	0.880				0.544	4.380	3.500		4.0
18 12 78 0730			.3		0.346	0.880				0.534	4.480	3.600		3.0
20 12 78 0730			.3		0.410	0.980				0.570	4.280	3.300		0.8
21 12 78 0730			.3		0.380	1.000				0.620	4.150	3.150		3.0
24 12 78 1030			.3		0.410	1.000				0.590	3.900	2.900		3.0

(C O N T D)

26 12 78	1100			.3		0.430	0.920				0.490	3.670	2.750		2.7
27 12 78	0800			.3		0.440	1.180				0.740	4.030	2.850		3.9
28 12 78	0730			.3		0.470	1.100				0.630	4.000	2.900		2.7
29 12 78	1030			.3		0.550	1.000				0.450	4.030	3.030		1.2
31 12 78	1030			.3		0.450	0.960				0.510	3.950	2.990		0.8
MAXIMUM						0.574	1.850	0.069	3.030	3.442	1.816	4.550	3.760	608.0	274.5
AVG OR GEOM MN (*)						0.152	0.921	0.030	1.7790	2.032	0.769	2.698	1.767	492.3	53.0
MINIMUM						0.002	0.470	0.003	0.005	0.250	0.318	0.668	0.150	299.0	0.8
NO OF SAMPLES						170	169	16	16	16	169	169	154	16	157

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
01 01 78	1000			.3				720	5.30						1.0L
02 01 78	1100			.3				740	5.40						1.0L
03 01 78	0800			.3				750	5.50						1.0L
04 01 78	0800			.3				765	4.80						1.0L
05 01 78	0800			.3				770	5.30						1.0L
06 01 78	0800			.3				790	4.40						1.0L
07 01 78	0800			.3				800	4.10						1.0L
08 01 78	1300			.3				790	3.40						1.0L
09 01 78	0800			.3				795	4.20						1.0L
18 01 78	1210			.3		544		840	4.30	58.0	106.0				1.0L
02 02 78	1005			.3		572		900	4.20	75.0	123.0	3.60	7.32	0.250	1.0L
14 02 78	1220			.3		513		780	5.60	38.5	113.	3.90	7.88	0.29	1.0L
15 03 78	1315			.3		505		760	6.20	46.5	133.0	2.85	7.38	0.280	1.0
02 04 78	1100			.3				480	74.00						1.0L
03 04 78	1800			.3				410	78.00						1.0L
04 04 78	0800			.3				395	70.00						1.0L
06 04 78	0800			.3				420	50.00						1.0L
07 04 78	0800			.3				420	43.00						1.0L
08 04 78	0800			.3				400	76.00						1.0L
09 04 78	1100			.3				390	73.00						1.0L
10 04 78	0800			.3				370	67.00						1.0L
11 04 78	0800			.3				385	36.00						1.0L
12 04 78	0800			.3				430	37.00						1.0L
13 04 78	0800			.3				380	150.00						1.0L
15 04 78	0800			.3				360	84.00						1.0L
	1830			.3				360	57.00						1.0L
16 04 78	1030			.3				370	40.00						1.0L
	1830			.3				385	39.00						1.0L
17 04 78	0800			.3				405	32.00						1.0L
	1330			.3			263	405	12.00	13.0	37.5	1.95	8.13	1.850	1.0L
	1830			.3				430	22.00						1.0L
18 04 78	0800			.3				440	20.00						1.0L
19 04 78	0800			.3				460	27.00						1.0L
20 04 78	0800			.3				485	31.00						1.0L
	1000			.3		340		495	26.	19.0	61.	2.0	8.19	1.75	1. L
04 05 78	0800			.3				610	33.00						
06 05 78	0800			.3				620	28.00						
07 05 78	0930			.3				630	28.00						
08 05 78	0800			.3				640	26.00						
09 05 78	0800			.3				640	34.00						
11 05 78	0800			.3				670	31.00						
13 05 78	0800			.3				640	28.00						
15 05 78	0800			.3				620	23.00						
16 05 78	0800			.3				550	34.00						
17 05 78	1950			.3				510	27.00						
21 05 78	1030			.3				540	40.00						
22 05 78	1030			.3				560	24.00						
23 05 78	1145			.3		410		565	23.00	28.5	93.0	0.10	8.41	0.710	1.0L
24 05 78	0830			.3				660							
25 05 78	0800			.3				670							
27 05 78	0800			.3				580	28.00						
29 05 78	0800			.3				580	13.00						
30 05 78	0800			.3				580	13.00						
01 06 78	0800			.3				610	42.00						
06 06 78	0800			.3				560	28.00						
08 06 78	0800			.3				680	50.00						
10 06 78	0800			.3				1140	50.00						
12 06 78	1130			.3				760	38.00						
13 06 78	0800			.3				760	48.00						
14 06 78	1240			.3		520		750	43.	49.0	146.	0.95	8.08	3.6	1. L
15 06 78	0800			.3				740	50.00						
17 06 78	0800			.3				770		56.0					
19 06 78	1330			.3				740		53.0					
20 06 78	0800			.3				730		48.0					
22 06 78	0800			.3				690		50.0					
24 06 78	0800			.3				710		50.0					
26 06 78	0800			.3				700		46.5					
27 06 78	0800			.3				700		45.5					
04 07 78	0800			.3				690		50.0					
06 07 78	0800			.3				680		48.5					
08 07 78	0800			.3				680		54.0					
10 07 78	0800			.3				700		55.0					
	0950			.3		454		690	38.00	59.0	144.0	0.30	8.01	2.600	1.0L
11 07 78	0800			.3				700		50.0					
12 07 78	1135			.3		467		690	23.00	49.5	132.0	1.55	8.12	1.200	1.0L
13 07 78	0800			.3				680		43.0					
15 07 78	0800			.3				680		45.5					
17 07 78	0800			.3				690		51.0					
18 07 78	0800			.3				700		53.0					
20 07 78	0800			.3				680		52.0					
22 07 78	0800			.3				690		50.0					
24 07 78	0800			.3				720		54.0					
25 07 78	0800			.3				710		57.0					
27 07 78	0800			.3				700		56.0					
30 07 78	1900			.3				690		55.0					
31 07 78	0900			.3				670		54.0					
01 08 78	0800			.3				660		53.0					
	1335			.3		418		640	24.00	52.0	137.0	0.75	7.79	1.240	1.0L
03 08 78	0800			.3				620		48.5					
05 08 78	0800			.3				630		45.0					
07 08 78	1630			.3				610		44.5					
08 08 78	0800			.3				630		44.5					
10 08 78	0800			.3				640		45.5					
12 08 78	0800			.3				630		43.0					
14 08 78	0930			.3				620		45.0					
15 08 78	2000			.3				620		47.5					
16 08 78	2000			.3				620		47.5					
19 08 78	2000			.3				610		44.5					
20 08 78	1000			.3				630		46.0					
27 08 78	1030			.3				680		57.0					
28 08 78	1200			.3				680		57.0					
29 08 78	1930			.3				680		52.0					
30 08 78	1930			.3				680		51.0					
03 09 78	1030			.3				680		51.0					
04 09 78	1030			.3				680		51.0					

(CONTD)

PLUARG

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BRIDGE AT DUNNVILLE GR-15
STATION TYPE: RIVER COMPOSITE

STATION ID: 16-0184-035-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 35   LAT: LONG: U T M: 17 0612660.0 4750440.0 4   REGION: 02   MILEAGE: 4.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
05 09 78	0800			.3				690		51.0					
06 09 78	2000			.3				680		49.0					
17 09 78	1700			.3				700		53.0					
18 09 78	0800			.3				680		51.0					
23 09 78	0830			.3				520		32.5					
24 09 78	1315			.3				540		33.0					
26 09 78	0830			.3				570		32.5					
	1230			.3		391		580	29.00	33.0	83.0	2.70	7.93	1.200	1.0L
27 09 78	0830			.3				600		31.5					
01 10 78	1130			.3				620		38.0					
02 10 78	0830			.3				650		39.0					
03 10 78	0830			.3				670		40.0					
05 10 78	0800			.3				640		37.5					
07 10 78	1915			.3				700		48.0					
08 10 78	1030			.3				670		46.0					
09 10 78	1030			.3				540		33.5					
10 10 78	1305			.3		412		530	61.00	38.5	110.0	1.65	7.71	3.500	1.0L
11 10 78	1230			.3				620		42.5					
14 10 78	1900			.3				650		29.0					
15 10 78	1100			.3				660		29.5					
17 10 78	0800			.3				660		38.5					
19 10 78	0800			.3				660		38.5					
21 10 78	0800			.3				720		46.0					
22 10 78	1100			.3				740		48.0					
24 10 78	0800			.3				770		48.5					
26 10 78	0800			.3				760		49.0					
29 10 78	1100			.3				790		60.0					
30 10 78	1500			.3				790		59.0					
31 10 78	0815			.3				770		60.0					
	1030			.3		556		790	29.00	60.0	150.0	0.35	7.85	1.800	1.0
01 11 78	0815			.3				750		53.0					
05 11 78	1130			.3				750		51.0					
06 11 78	1500			.3				750		51.0					
11 11 78	0800			.3				800		51.0					
12 11 78	1100			.3				800		54.0					
13 11 78	1130			.3				790		48.0					
15 11 78	0800			.3				780		49.5					
16 11 78	0730			.3				770		47.5					
19 11 78	1600			.3				790		54.0					
20 11 78	1430			.3				790		52.0					
22 11 78	0730			.3				740		46.0					
	1155			.3		482		740	16.	45.5	130.	1.2	7.8	0.77	2.
23 11 78	0730			.3				740		46.0					
26 11 78	1630			.3				680		35.0					
27 11 78	0800			.3				690		40.0					
29 11 78	0800			.3				710		42.0					
30 11 78	0800			.3				710		42.5					
03 12 78	1530			.3				690		35.5					
04 12 78	0730			.3				700		36.5					
06 12 78	0730			.3				750		54.0					
	1250			.3		478		700	27.	47.	110.	3.15	8.11	1.6	1.
07 12 78	0730			.3				690		45.0					
09 12 78	0730			.3				760		66.0					
10 12 78	1100			.3				720		58.0					
17 12 78	1630			.3				720		41.5					
18 12 78	0730			.3				740		43.0					
20 12 78	0730			.3				762		46.0					
21 12 78	0730			.3				762		46.5					
24 12 78	1030			.3				809		52.0					
26 12 78	1100			.3				795		50.0					
27 12 78	0800			.3				808		55.0					
28 12 78	0730			.3				820		59.0					
29 12 78	1030			.3				880		69.0					
31 12 78	1030			.3				920		78.0					
MAXIMUM						572	263	1140	150.00	78.0	150.0	3.90	8.41	3.6	2.
AVG OR GEOM MN (*)						471	263	661	33.37	47.6	113.0	1.80	7.91	1.509	1.0D
MINIMUM						340	263	360	3.40	13.0	37.5	0.10	7.32	0.250	1.0
NO OF SAMPLES						15	1	169	67	116	16	15	15	15	45

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L
01 01 78	1000			.3		8.0						0.004	0.003L	0.001L	0.006
02 01 78	1100			.3		8.0						0.004	0.003L	0.001L	0.006
03 01 78	0800			.3		10.0						0.004	0.003L	0.001L	0.008
04 01 78	0800			.3		6.0						0.004	0.003L	0.001L	0.007
05 01 78	0800			.3		6.0						0.004	0.003L	0.001L	0.008
06 01 78	0800			.3		8.0						0.003	0.003L	0.001L	0.009
07 01 78	0800			.3		6.0						0.002	0.003L	0.001L	0.011
08 01 78	1300			.3		6.0						0.002	0.003L	0.001L	0.012
09 01 78	0800			.3		6.0						0.003	0.003L	0.001L	0.009
18 01 78	1210			.3		6.0						0.003	0.003L	0.001L	0.009
02 02 78	1005			.3			48		0.001L	0.040L	0.020L	0.010	0.030L	0.005L	0.050
14 02 78	1220			.3		7.0	25								
15 03 78	1315			.3		5.0	43								
02 04 78	1100			.3		4.5				0.090		0.008	0.003L	0.002	0.020
03 04 78	1800			.3		4.3				0.040		0.006	0.003L	0.001L	0.023
04 04 78	0800			.3		4.2						0.008	0.003L	0.001	0.024
06 04 78	0800			.3		4.4						0.006	0.003L	0.001	0.016
07 04 78	0800			.3		5.2						0.004	0.003L	0.001L	0.015
08 04 78	0800			.3		4.7						0.007	0.003L	0.001L	0.024
09 04 78	1100			.3		4.9				0.060		0.006	0.003L	0.001L	0.023
10 04 78	0800			.3		4.7						0.006	0.003L	0.001L	0.018
11 04 78	0800			.3		4.6						0.004	0.003L	0.001L	0.011
12 04 78	0800			.3		4.8						0.004	0.003L	0.001L	0.012
13 04 78	0800			.3		5.4						0.012	0.003L	0.001L	0.050
15 04 78	0800			.3		5.1						0.008	0.004	0.001L	0.038
	1830			.3		5.2				0.020L		0.006	0.003L	0.001L	0.028
16 04 78	1030			.3		5.2						0.004	0.003L	0.001L	0.018
	1830			.3		5.1						0.004	0.004L	0.001L	0.012
17 04 78	0800			.3		5.0						0.004	0.003L	0.001L	0.014
	1330			.3		5.0	20								
	1830			.3		4.6						0.008	0.003L	0.001L	0.011
18 04 78	0800			.3		4.5						0.007	0.003L	0.001L	0.012
19 04 78	0800			.3								0.009	0.003L	0.001L	0.013

(C O N T D)

20 04 78 0800	.3							0.009	0.003L	0.001L	0.015
1000	.3	4.4	35	0	0.001	0.02 L	0.02 L	0.01 L	0.03 L	0.005L	0.01
04 05 78 0800	.3	4.6						0.001L	0.003L	0.005L	0.010
06 05 78 0800	.3	4.4						0.001L	0.003L	0.005L	0.010L
07 05 78 0930	.3	4.4						0.001L	0.003L	0.005L	0.010
08 05 78 0800	.3	4.7						0.001L	0.003L	0.005L	0.010
09 05 78 0800	.3	4.8									
11 05 78 0800	.3	4.6									
13 05 78 0800	.3	4.2									
15 05 78 0800	.3	4.9									
0830	.3	4.9									
16 05 78 0800	.3	6.8									
0830	.3	6.8									
17 05 78 1950	.3	7.7									
2000	.3	7.7									
21 05 78 1030	.3	6.2									
1100	.3	6.2									
22 05 78 1030	.3	6.0							0.003L		
1100	.3	6.0							0.003L		
23 05 78 1145	.3	6.	30								
24 05 78 0830	.3	6.0									
0900	.3	6.0									
25 05 78 0800	.3	5.7									
0830	.3	5.7									
27 05 78 0800	.3	5.8									
0830	.3	5.8									
29 05 78 0800	.3	7.6									
0830	.3	7.6									
30 05 78 0800	.3	6.5									
0830	.3	6.5									
01 06 78 0800	.3	6.6									
0830	.3	6.6									
03 06 78 1900	.3	6.6									
1930	.3	6.6									
05 06 78 0800	.3								0.003L		
0830	.3								0.003L		
06 06 78 0800	.3	5.8									
0830	.3	5.8									
08 06 78 0800	.3	5.8									
10 06 78 0800	.3	7.5									
12 06 78 1130	.3	7.0							0.003L		
13 06 78 0800	.3	5.0									
14 06 78 1240	.3	4.9	20								
15 06 78 0800	.3	4.0									
17 06 78 0800	.3	4.0									
19 06 78 1330	.3	4.0									
20 06 78 0800	.3								0.003L		
22 06 78 0800	.3								0.003L		
24 06 78 0800	.3								0.003L		
26 06 78 0800	.3								0.003L		
27 06 78 0800	.3								0.003L		
04 07 78 0800	.3								0.003L		
06 07 78 0800	.3								0.003L		
08 07 78 0800	.3								0.003L		
10 07 78 0800	.3								0.003L		
0950	.3	13.0	68	1	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.030
11 07 78 0800	.3	13.0	68	1	0.001	0.030L	0.020L	0.010L	0.030L	0.005L	0.030
12 07 78 1135	.3	5.4	46								
13 07 78 0800	.3	5.4	46								
15 07 78 0800	.3	5.4	46								
17 07 78 0800	.3								0.003L		
18 07 78 0800	.3								0.003L		
20 07 78 0800	.3								0.003L		
22 07 78 0800	.3								0.003L		
24 07 78 0800	.3								0.003L		0.020
25 07 78 0800	.3								0.003L		0.020
27 07 78 0800	.3								0.003L		0.020
30 07 78 1900	.3								0.003L		0.020
31 07 78 0900	.3								0.004L		0.012
01 08 78 0800	.3								0.004L		0.012
1335	.3	5.4	28								
03 08 78 0800	.3	5.4	28								
05 08 78 0800	.3	5.4	28								
07 08 78 1630	.3								0.004		0.006
08 08 78 0800	.3								0.004		0.006
10 08 78 0800	.3								0.004		0.006
12 08 78 0800	.3								0.004		0.006
14 08 78 0930	.3								0.004L		0.011
15 08 78 2000	.3								0.004L		0.011
16 08 78 2000	.3								0.004L		0.011
19 08 78 2000	.3								0.004L		0.011
20 08 78 1000	.3								0.004L		0.011
27 08 78 1030	.3								0.004L		0.011
28 08 78 1200	.3								0.005L		0.009
29 08 78 1930	.3								0.005L		0.009
30 08 78 1930	.3								0.005L		0.009
03 09 78 1030	.3								0.005L		0.009
04 09 78 1030	.3								0.005L		0.010
05 09 78 0800	.3								0.005L		0.010
06 09 78 2000	.3								0.005L		0.010
17 09 78 1700	.3								0.005L		0.010
18 09 78 0800	.3								0.006L		0.010
23 09 78 0830	.3								0.006L		0.010
24 09 78 1315	.3								0.005L		0.010
26 09 78 0830	.3								0.005L		0.010
1230	.3	6.0	29								
27 09 78 0830	.3	6.0	29								
01 10 78 1130	.3	6.0	29								
02 10 78 0830	.3								0.004L		0.013
03 10 78 0830	.3								0.004L		0.013
05 10 78 0800	.3								0.004L		0.013
07 10 78 1915	.3								0.004L		0.013
08 10 78 1030	.3								0.005L		0.015
09 10 78 1030	.3								0.005L		0.015
10 10 78 1305	.3	7.	34								
11 10 78 1230	.3	7.	34								
14 10 78 1900	.3	7.	34								
15 10 78 1100	.3								0.006		0.012
17 10 78 0800	.3								0.006		0.012
19 10 78 0800	.3								0.006		0.012
21 10 78 0800	.3								0.006		0.012
22 10 78 1100	.3								0.004L		0.017
24 10 78 0800	.3								0.004L		0.017
26 10 78 0800	.3								0.004L		0.017
29 10 78 1100	.3								0.004L		0.017
30 10 78 1500	.3								0.006		0.017
31 10 78 0815	.3								0.006		0.017
1030	.3	5.2	28	2	0.001	0.11	0.02 L	0.01 L	0.03 L	0.005L	0.02
01 11 78 0815	.3	5.2	28	2	0.001	0.11	0.02 L	0.01 L	0.03 L	0.005L	0.02
05 11 78 1130	.3	5.2	28	2	0.001	0.11	0.02 L	0.01 L	0.03 L	0.005L	0.02
06 11 78 1500	.3								0.005L		0.015
11 11 78 0800	.3								0.005L		0.015

(CONTD)

```
 B.O.W./ SITE: GRAND RIVER                                          PLUARG                     STATION ID:  16-0184-035-83
 SAMPLE POINT: BRIDGE AT DUNNVILLE  GR-15
 STATION TYPE: RIVER COMPOSITE                         MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                              003
                                                       TERM STREAM: GRAND RIVER                                            0150

STN NO:    35    LAT:              LONG:                U T M: 17 0612660.0 4750440.0 4    REGION: 02            MILEAGE:    4.80

                                      47       41       361       265       235       221       225       229       215       249
SAMP DTE HOUR  STN  STN SAMP  PJ  ORGANIC       COD   SOLVENT     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      C AS C            EXTRBLES   ARSENIC   MERCURY  CHROMIUM    COPPER      LEAD   CADMIUM      ZINC
               FEET      MTRS        MG/L      MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L

12 11 78 1100              .3                                                                            0.005L              0.015
13 11 78 1130              .3                                                                            0.005L              0.015
15 11 78 0800              .3                                                                            0.005L              0.015
16 11 78 0730              .3                                                                            0.005L              0.015
19 11 78 1600              .3                                                                            0.005L              0.015
20 11 78 1430              .3                                                                            0.210               0.160
22 11 78 0730              .3                                                                            0.210               0.160
         1155              .3        5.6        47
23 11 78 0730              .3        5.6        47
26 11 78 1630              .3        5.6        47
27 11 78 0800              .3        5.6        47
29 11 78 0800              .3        5.6        47
30 11 78 0800              .3        5.6        47
03 12 78 1530              .3        5.6        47
04 12 78 0730              .3                                                                            0.004L              0.011
06 12 78 0730              .3                                                                            0.004L              0.011
         1250              .3        7.3        43
07 12 78 0730              .3        7.3        43
09 12 78 0730              .3        7.3        43
10 12 78 1100              .3        7.3        43
17 12 78 1630              .3        7.3        43
18 12 78 0730              .3                                                                            0.008L              0.009
20 12 78 0730              .3                                                                            0.008L              0.009
21 12 78 0730              .3                                                                            0.008L              0.009
24 12 78 1030              .3                                                                            0.008L              0.009
         1100              .3                                                                            0.008L              0.009
26 12 78 1100              .3                                                                            0.004L              0.016
27 12 78 0800              .3                                                                            0.004L              0.016
28 12 78 0730              .3                                                                            0.004L              0.016
29 12 78 1030              .3                                                                            0.004L              0.016
31 12 78 1030              .3                                                                            0.009               0.021

                      MAXIMUM       13.0        68         2     0.001      0.11     0.020     0.012     0.210     0.005     0.160
           AVG OR GEOM MN (*)        5.9        39         1     0.001D    0.060D    0.020D    0.006D    0.009D    0.002D    0.017D
                      MINIMUM        4.0        20         0     0.001     0.020     0.020     0.001     0.003     0.001     0.006

                NO OF SAMPLES        103        36         6         7        11         7        41       124        41       106

                                     238
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL
DY MO YR LMT   DIST BRG DEPTH     NICKEL
               FEET      MTRS        MG/L

02 02 78 1005              .3      0.020L
20 04 78 1000              .3      0.02 L
10 07 78 0950              .3      0.020L
11 07 78 0800              .3      0.020L
31 10 78 1030              .3      0.02 L





01 11 78 0815              .3      0.02 L
05 11 78 1130              .3      0.02 L

                      MAXIMUM      0.020
           AVG OR GEOM MN (*)      0.020D
                      MINIMUM      0.020

                NO OF SAMPLES          7


 B.O.W./ SITE: SPEED RIVER                                                                     STATION ID:  16-0184-036-02
 SAMPLE POINT: PUSLINCH LAKE RD 4M S-W GUELPH
 STATION TYPE: RIVER   FLOW GAUGE FED 02GA015          MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                              003
                                                       TERM STREAM: GRAND RIVER                                            0150

STN NO:    36    LAT:              LONG:                U T M: 17 0558000.0 4814600.0 4    REGION: 02            MILEAGE:  102.20

                                      934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
               FEET      MTRS                                  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

16 01 78 0850              .3      39007     6        135.00      16.      148.        4.  L    3.0       8.8       1.4      0.087
06 02 78 1600              .3      39072     6        251.00      10.        4.        4.       1.0      12.5       2.5      0.075
14 03 78 0910              .3      39162     6        103.00      30.        4.        8.       4.5       9.3       1.5      0.097
18 04 78 0925              .3      39231     6        484.00      84.        2.  L     6.       5.0      11.0       0.4      0.034
08 05 78 0910              .3      39262     6        230.00     230.       18.        6.      10.0       9.5       3.2      0.098
20 06 78 1030              .3      39489     8         99.60     500.       38.       30.      19.5      12.3       4.6      0.112
25 07 78 0955              .3      39522     8         67.60     500.       38.        2.      21.0       1.6       2.8      0.052
02 08 78 1515              .3      39549     8         67.70     900.       28.       38.      22.0       8.4       1.0      0.053
13 09 78 0927              .3      39575     8         87.30    1400.      104.       84.      15.5       1.8       1.6      0.098
16 10 78 1630              .3      39640     6         88.80     300.        4.        4.  L    8.5      10.1       1.0      0.126
21 11 78 0855              .3      39666     6        132.00     400.       48.       64.       3.0       9.4       4.2      0.058
11 12 78 1605              .3      39724     6        209.00     700.       40.      150.       0.5      13.0       4.8      0.113

                      MAXIMUM                         484.00    1400.      148.      150.      22.0      13.0       4.8      0.126
           AVG OR GEOM MN (*)                         162.92     192.*      19.* D    13.* D    9.5       9.0       2.4      0.084
                      MINIMUM                          67.60      10.        2.        2.       0.5       1.6       0.4      0.034

                NO OF SAMPLES                             12        12        12        12        12        12        12        12
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78 0850			.3		0.052	0.960	1.520	0.037	2.100	3.097	0.560	3.657	419.0	4.0
06 02 78 1600			.3		0.037	1.190	1.700	0.035	1.840	3.065	0.510	3.575	391.0	11.0
14 03 78 0910			.3		0.049	1.840	2.500	0.025	1.970	3.835	0.660	4.495	452.0	9.8
18 04 78 0925			.3		0.025	0.328	0.840	0.037	1.910	2.275	0.512	2.787	309.0	5.6
08 05 78 0910			.3		0.005	0.580	1.200	0.180	1.770	2.530	0.620	3.150	376.0	42.0
20 06 78 1030			.3		0.067	0.570	1.310	0.405	1.840	2.815	0.740	3.555	423.0	4.0
25 07 78 0955			.3		0.019	0.610	1.120	0.230	2.150	2.990	0.510	3.500	421.0	4.3
02 08 78 1515			.3		0.015	0.052	0.620	0.039	2.010	2.101	0.568	2.669	453.0	5.8
13 09 78 0927			.3		0.063	0.800	1.250	0.265	1.840	2.905	0.450	3.355	417.0	1.9
16 10 78 1630			.3		0.068	0.288	1.070	0.205	2.090	2.583	0.782	3.365	396.0	5.4
21 11 78 0855			.3		0.016	1.320	1.720	0.087	1.410	2.817	0.400	3.217	400.0	4.0
11 12 78 1605			.3		0.033	1.43	2.11	0.050	1.25	2.730	0.680	3.410	410.	28.
MAXIMUM					0.068	1.840	2.500	0.405	2.150	3.835	0.782	4.495	453.0	42.0
AVG OR GEOM MN (*)					0.037	0.831	1.413	0.133	1.848	2.812	0.583	3.395	405.6	10.5
MINIMUM					0.005	0.052	0.620	0.025	1.25	2.101	0.400	2.669	309.0	1.9
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78 0850			.3		415	680	1.70	41.5	45.5
06 02 78 1600			.3		380	625	5.60	32.0	40.0
14 03 78 0910			.3		442	750	7.20	67.0	50.0
18 04 78 0925			.3		303	470	2.10	24.5	29.5
08 05 78 0910			.3		334	560	5.80	34.0	36.5
20 06 78 1030			.3		419	680	1.70	56.0	46.5
25 07 78 0955			.3		417	690	1.50	66.0	52.0
02 08 78 1515			.3		447	640	1.70	55.0	51.0
13 09 78 0927			.3		415	600	0.60	65.0	55.0
16 10 78 1630			.3		391	630	3.00	44.0	54.0
21 11 78 0855			.3		396	630	2.70	39.5	62.0
11 12 78 1605			.3		382	620	5.3	38.	53.
MAXIMUM					447	750	7.20	67.0	62.0
AVG OR GEOM MN (*)					395	631	3.24	46.9	47.9
MINIMUM					303	470	0.60	24.5	29.5
NO OF SAMPLES					12	12	12	12	12

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: 1ST CONC ROAD DOWNSTREAM BELLWOOD LAKE OUTLET GR-13
STATION TYPE: RIVER FLOW GAUGE FED 02GA016

PLUARG

STATION ID: 16-0184-037-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 37 LAT: LONG: U T M: 17 0552825.0 4841325.0 4 REGION: 02 MILEAGE: 138.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78 1030			.3		39013	6	320.00	70.	10.	16.	1.0	10.8	0.4	0.031
06 02 78 1400			.3		39078	4	99.90	20.	4.	32.	1.0	10.5	1.0	0.060
14 03 78 1100			.3		39168	6	55.10	60.	6.	68.	2.0	9.8	0.5	0.038
18 04 78 1130			.3		39237	3	1460.00	280.	8.	14.	4.0	11.8	0.4	0.058
24 04 78 1020			.3		39254	6	788.00	48.	2. L	4.	6.0	11.2	0.4	0.048
03 05 78 1140			.3		39260	6	97.80	16.	4. L	4. L	10.0	9.2	1.4	0.032
08 05 78 1110			.3		39269	6	106.00	50.	2. L	2. L	8.0	11.8	0.2	0.028
16 05 78 1100			.3		39350	6	1590.00	228.	58.	4.	9.0	11.8	0.8	0.031
23 05 78 1600			.3		39353	6	636.00	100.	2.	2. L	12.0	10.7	1.2	0.030
29 05 78 1045			.3		39355	6	194.00	4. L	4. L	4. L	14.0	13.0	2.0	0.025
05 06 78 1150			.3		39357	6	103.00	80.	2. L	2. L	12.0	13.0	0.5	0.018
12 06 78 1245			.3		39359	6	103.00	1000.	16.	4. L	14.0	10.8	1.4	0.026
19 06 78 1150			.3		39361	6	175.00	300.	4.	2. L	12.8	11.2	1.2	0.031
20 06 78 1320			.3		39494	8 6	171.00	300.	32.	2. L	16.0	11.4	1.0	0.045
26 06 78 1425			.3		39363	6	151.00	20.	36.	32.	15.0	10.8	0.8	0.022
04 07 78 1222			.3		39365	6	142.00	130.	20.	45.	15.5	10.0	1.4	0.021
10 07 78 1333			.3		39367	6	147.00	700.	26.	12.	17.0	10.2	1.4	0.028
17 07 78 1350			.3		39369	6	145.00	200.	10.	10. L	19.0	10.0	1.4	0.023
24 07 78 1355			.3		39371	6	153.00	410.	244.	96.	21.0	9.8	1.0	0.027
31 07 78 1400			.3		39373	6	149.00	4600.	300. G	174.	20.0	9.7	1.0	0.032
08 08 78 1200			.3		39375	6	150.00	70.	44.	4. L	21.0	8.6	0.8	0.032
14 08 78 1145			.3		39377	6	145.00	5800.	208.	10.	21.0	9.7	0.8	0.035
21 08 78 1150			.3		39379	6	180.00	40.	20.	30.	21.0	9.9	0.8	0.047
28 08 78 1150			.3		39381	6	118.00	1300.	280.	148.	18.5	7.5	1.0	0.035
05 09 78 1145			.3		39383	6	113.00	230.	68.	8.	19.5	8.6	1.0	0.036
11 09 78 1215			.3		39385	6	112.00				19.7	9.0	0.5	0.037
18 09 78 1225			.3		39387	6	114.00	450.	68.	64.	16.0	9.8	1.5	0.046
25 09 78 1157			.3		39389	6	113.00	100.	4.	8.	15.0	10.5	0.8	0.050
02 10 78 1430			.3		39391	6	114.00	160.	20.	12.	15.0	11.0	1.0	0.034
10 10 78 1155			.3		39393	6	115.00	430.	28.	32.	12.5	10.8	0.5	0.072
16 10 78 1200			.3		39395	6	117.00	290.	10.	50.	11.0	10.6	0.8	0.021
23 10 78 1125			.3		39397	6	115.00	220.	8.	4.	9.0	11.4	1.4	0.034
30 10 78 1225			.3		39399	6	115.00	100.	18.	8.	10.0	11.8	0.6	0.030
21 11 78 1050			.3		39673	6	154.00	30.	4. L	14.	5.0	13.0	1.0	0.032
11 12 78 1415			.3		39731	6	154.00	200.	14.	4.	1.0	14.2	0.2	0.023
MAXIMUM							1590.00	5800.	300.	174.	21.0	14.2	2.0	0.072
AVG OR GEOM MN (*)							248.99	154.* D	16.* E	11.* D	12.7	10.7	0.9	0.035
MINIMUM							55.10	4.	2.	2.	1.0	7.5	0.2	0.018
NO OF SAMPLES							35	34	34	34	35	35	35	35

(C O N T D)

B.O.W./ SITE: GRAND RIVER PLUARG STATION ID: 16-0184-037-02
SAMPLE POINT: 1ST CONC ROAD DOWNSTREAM BELLWOOD LAKE OUTLET GR-13
STATION TYPE: RIVER FLOW GAUGE FED 02GA016 MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: GRAND RIVER 0150

STN NO: 37 LAT: LONG: U T M: 17 0552825.0 4841325.0 4 REGION: 02 MILEAGE: 138.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1030			.3		0.004	0.124	0.750	0.007	0.603	0.734	0.626	1.360	347.0	11.0
06 02 78	1400			.3		0.008	0.164	0.820	0.010	0.680	0.854	0.656	1.510	346.0	31.0
14 03 78	1100			.3		0.012	0.188	0.840	0.009	1.020	1.217	0.652	1.869	343.0	18.0
18 04 78	1130			.3		0.025	0.136	0.670	0.012	1.020	1.168	0.534	1.702	201.0	12.0
24 04 78	1020			.3		0.020	0.112	0.630	0.012	1.000	1.124	0.518	1.642	209.0	7.3
03 05 78	1140			.3		0.010	0.050	0.570	0.012	0.930	0.992	0.520	1.512	209.0	4.2
08 05 78	1110			.3		0.006	0.050	0.580	0.012	0.950	1.012	0.530	1.542	218.0	4.0
16 05 78	1100			.3		0.004	0.056	0.700	0.012	0.925	0.993	0.644	1.637	223.0	4.7
23 05 78	1600			.3		0.005	0.054	0.650	0.014	0.845	0.913	0.596	1.509	233.	3.9
29 05 78	1045			.3		0.002	0.044	0.61	0.017	0.795	0.856	0.566	1.422	233.	4.5
05 06 78	1150			.3		0.002	0.040	0.590	0.014	0.815	0.869	0.550	1.419	238.	7.5
12 06 78	1245			.3		0.001L	0.072	0.700	0.022	0.800	0.894	0.628	1.522	236.	4.9
19 06 78	1150			.3		0.003	0.104	0.650	0.026	0.725	0.855	0.546	1.401	245.0	7.6
20 06 78	1320			.3		0.001	0.086	0.820	0.025	0.730	0.841	0.734	1.575	244.0	7.4
26 06 78	1425			.3		0.006	0.120	0.630	0.029	0.665	0.814	0.510	1.324	246.0	5.8
04 07 78	1222			.3		0.001L	0.148	0.920	0.034	0.560	0.742	0.772	1.514	253.0	5.6
10 07 78	1333			.3		0.001	0.194	0.880	0.042	0.513	0.749	0.686	1.435	252.0	8.0
17 07 78	1350			.3		0.001	0.132	0.740	0.057	0.520	0.709	0.608	1.317	252.0	4.7
24 07 78	1355			.3		0.001	0.108	0.930	0.040	0.430	0.578	0.822	1.400	244.0	4.1
31 07 78	1400			.3		0.005	0.030	0.690	0.067	0.398	0.495	0.660	1.155	247.0	5.9
08 08 78	1200			.3		0.007	0.090	0.690	0.024	0.310	0.424	0.600	1.024	250.0	5.9
14 08 78	1145			.3		0.004	0.100	0.720	0.033	0.160	0.293	0.620	0.913	242.0	5.0
21 08 78	1150			.3		0.005	0.079	0.590	0.036	0.115	0.230	0.511	0.741	237.0	13.0
28 08 78	1150			.3		0.006	0.100	0.780	0.025	0.125	0.250	0.680	0.930	262.0	5.8
05 09 78	1145			.3		0.007	0.092	0.470	0.013	0.030	0.135	0.378	0.513	234.0	5.6
11 09 78	1215			.3		0.001	0.064	0.780	0.006	0.045	0.115	0.716	0.831	235.0	6.6
18 09 78	1225			.3		0.001	0.036	0.870	0.005	0.130	0.171	0.834	1.005	225.0	7.0
25 09 78	1157			.3		0.001	0.082	0.870	0.012	0.215	0.309	0.788	1.097	232.0	2.4
02 10 78	1430			.3		0.002	0.038	0.840	0.009	0.185	0.232	0.802	1.034	232.0	8.1
10 10 78	1155			.3		0.029	0.066	0.720	0.017	0.380	0.463	0.654	1.117	280.0	7.0
16 10 78	1200			.3		0.001	0.040	0.750	0.008	0.210	0.258	0.710	0.968	246.0	6.1
23 10 78	1125			.3		0.002	0.089	0.740	0.012	0.235	0.336	0.651	0.987	260.0	6.5
30 10 78	1225			.3		0.003	0.099	0.860	0.014	0.250	0.363	0.761	1.124	262.0	8.0
21 11 78	1050			.3		0.002	0.124	0.710	0.011	0.265	0.400	0.586	0.986	270.0	10.0
11 12 78	1415			.3		0.002	0.078	0.75	0.008	0.392	0.478	0.672	1.150	298.	4.
MAXIMUM						0.029	0.194	0.930	0.067	1.020	1.217	0.834	1.869	347.0	31.0
AVG OR GEOM MN (*)						0.005D	0.091	0.729	0.020	0.513	0.625	0.638	1.262	251.0	7.5
MINIMUM						0.001	0.030	0.470	0.005	0.030	0.115	0.378	0.513	201.0	2.4
NO OF SAMPLES						35	35	35	35	35	35	35	35	35	35

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
16 01 78	1030			.3		336		530	7.20	8.3	20.0				
06 02 78	1400			.3		315		515	17.00	8.0	19.5				
14 03 78	1100			.3		325		540	8.80	11.5	21.5				
18 04 78	1130			.3			189	290	8.70	4.8	12.0				
24 04 78	1020			.3			202	310	5.50	5.0					
03 05 78	1140			.3			205	315	3.10	5.5					
08 05 78	1110			.3			214	330	2.70	5.7	13.5				
16 05 78	1100			.3				335	2.20	6.1	14.0				
23 05 78	1600			.3				352	1.90	6.7	15.0				
29 05 78	1045			.3				350	1.7	6.7	15.5				
05 06 78	1150			.3				355	2.50	6.9	15.0				
12 06 78	1245			.3				355	3.40	6.6	15.0				
19 06 78	1150			.3				365	3.80	6.8	15.5				
20 06 78	1320			.3			237	365	4.10	7.2	16.0				
26 06 78	1425			.3				370	3.80	7.2	15.5				
04 07 78	1222			.3				380	2.80	7.5	16.0				
10 07 78	1333			.3				375	5.00	7.5	15.5				
17 07 78	1350			.3				380	2.20	7.6	14.5				
24 07 78	1355			.3				370	2.50	7.4	14.0				
31 07 78	1400			.3				370	3.10	7.4	14.0				
08 08 78	1200			.3				375	3.20	7.2	14.0				
14 08 78	1145			.3				365	3.00	7.4	13.0				
21 08 78	1150			.3				345	3.80	7.4	14.0				
28 08 78	1150			.3				350	3.50	7.3	13.5				
05 09 78	1145			.3				350	3.70	7.5	14.0				
11 09 78	1215			.3				350	3.10	7.3	14.0				
18 09 78	1225			.3				335	5.40	7.5	14.5				
25 09 78	1157			.3				350	3.30	8.2	20.5				
02 10 78	1430			.3				345	4.80	8.1	21.0				
10 10 78	1155			.3				420	5.40	9.2		0.0	190	8.38	0.190
16 10 78	1200			.3			240	370	4.70	8.6	29.0				
23 10 78	1125			.3			254	390	4.40	8.7					
30 10 78	1225			.3			254	390	5.00	8.6					
21 11 78	1050			.3			260	400	5.30	9.5	32.0				
11 12 78	1415			.3		294		440	3.2	10.5					
MAXIMUM						336	260	540	17.00	11.5	32.0	0.0	190	8.38	0.190
AVG OR GEOM MN (*)						318	228	375	4.39	7.5	16.6	0.0	190	8.38	0.190
MINIMUM						294	189	290	1.7	4.8	12.0	0.0	190	8.38	0.190
NO OF SAMPLES						4	9	35	35	35	29	1	1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L
16 05 78	1100			.3						6.	20
23 05 78	1600			.3						8.	29
29 05 78	1045			.3						7.2	23
05 06 78	1150			.3						8.	38
12 06 78	1245			.3						8.	30
19 06 78	1150			.3						7.2	25
20 06 78	1320			.3						7.2	25
26 06 78	1425			.3						8.	36
04 07 78	1222			.3						7.9	32
10 07 78	1333			.3						9.	17
17 07 78	1350			.3						8.7	23
24 07 78	1355			.3						9.3	40
31 07 78	1400			.3						9.1	35
08 08 78	1200			.3						7.6	30
14 08 78	1145			.3						7.0	37

(C O N T D)

21 08 78 1150	.3					9.	35
28 08 78 1150	.3					8.3	46
05 09 78 1145	.3					8.1	33
11 09 78 1215	.3					8.2	35
18 09 78 1225	.3					8.4	30
25 09 78 1157	.3					8.4	37
02 10 78 1430	.3					8.9	23
10 10 78 1155	.3	196.0	62.00	10.00	50	8.9	23
16 10 78 1200	.3					10.	46
23 10 78 1125	.3					10.	46
30 10 78 1225	.3					10.	46
21 11 78 1050	.3					10.	46
11 12 78 1415	.3					10.	46
MAXIMUM		196.0	62.00	10.00	50	10.	46
AVG OR GEOM MN (*)		196.0	62.00	10.00	50	8.4	33
MINIMUM		196.0	62.00	10.00	50	6.	17
NO OF SAMPLES		1	1	1	1	28	28

B.O.W./ SITE: ALDER CREEK
SAMPLE POINT: AT FIRST CONC ROAD SOUTH OF NEW DUNDEE
STATION TYPE: RIVER FLOW GAUGE FED 02GA030

STATION ID: 16-0184-038-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 38 LAT: LONG: U T M: 17 0537950.0 4798800.0 4 REGION: 02 MILEAGE: 111.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1245			.3		39038	6	3.10	200.	60.	40.	1.0	13.0	1.8	0.244
07 02 78 1230			.3		39097	6	3.20	1300.	10.	240.	3.0	12.8	1.4	0.210
06 03 78 1415			.3		39148	6	2.20	150.	10. L	30.	6.5	17.5	1.0	0.200
11 04 78 1230			.3		39214	3	105.00	14000.	408.	564.	5.0	10.4	2.6	0.320
15 05 78 1135			.3		39282	6	11.30	1000.	10.	150.	12.0	10.4	2.5	0.095
07 06 78 1055			.3		39465	6	2.30	300.	70.	70.	15.0	7.6	2.8	0.111
11 07 78 1230			.3		39505	5 7	1.60	200.	4.	24.	19.0	9.1	1.2	0.124
22 08 78 1027			.3		39571	7 5	0.98	3300.	160.	152.	18.0	7.8	1.0	0.210
19 09 78 1410			.3		39597	5	35.50	4700.	740.	480.	13.5	9.3	2.0	0.246
04 10 78 1125			.3		39623	5 7	8.30	8300.	580.	460.	13.5	10.2	1.0	0.086
15 11 78 1430			.3		39662	6	5.30	200.	20.	10. L	7.0	12.2	1.0	0.167
05 12 78 1020			.3		39707	6	6.40	900.	32.	48.	4.0	10.8	0.8	0.192
MAXIMUM							105.00	14000.	740.	564.	19.0	17.5	2.8	0.320
AVG OR GEOM MN (*)							15.43	977.*	51.* D	97.* D	9.8	10.9	1.6	0.184
MINIMUM							0.98	150.	4.	10.	1.0	7.6	0.8	0.086
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
17 01 78 1245			.3		0.078	0.152	0.780	0.086	6.700	6.938	0.628	7.566	475.0	11.0
07 02 78 1230			.3		0.160	0.198	0.610	0.210	6.130	6.538	0.412	6.950	588.0	6.0
06 03 78 1415			.3		0.145	0.032	0.620	0.025	6.970	7.027	0.588	7.615	478.0	6.3
11 04 78 1230			.3		0.105	0.266	1.40	0.047	3.30	3.613	1.134	4.747	368.	105.
15 05 78 1135			.3		0.013	0.132	0.83	0.042	3.64	3.814	0.698	4.512	462.	9.5
07 06 78 1055			.3		0.006	0.148	0.920	0.175	2.850	3.173	0.772	3.945	551.0	17.0
11 07 78 1230			.3		0.002	0.010	0.920	0.054	1.050	1.114	0.910	2.024	538.0	14.0
22 08 78 1027			.3		0.135	0.086	0.55	0.115	1.78	1.981	0.464	2.445	632.	6.5
19 09 78 1410			.3		0.005	0.078	1.460	0.165	2.930	3.173	1.382	4.555	371.0	41.0
04 10 78 1125			.3		0.023	0.050	0.430	0.039	2.160	2.249	0.380	2.629	831.0	7.4
15 11 78 1430			.3		0.110	0.065	0.600	0.060	4.440	4.565	0.535	5.100	572.0	6.0
05 12 78 1020			.3		0.150	0.135	0.57	0.042	0.658	0.835	0.435	1.270	546.	3.
MAXIMUM					0.160	0.266	1.460	0.210	6.970	7.027	1.382	7.615	831.0	105.
AVG OR GEOM MN (*)					0.078	0.113	0.808	0.088	3.551	3.752	0.695	4.447	534.3	19.4
MINIMUM					0.002	0.010	0.430	0.025	0.658	0.835	0.380	1.270	368.	3.
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	50 SULPHATE MG/L
17 01 78 1245			.3		464		725	3.60	29.0	68.0
07 02 78 1230			.3		582		820	4.30	26.0	150.0
06 03 78 1415			.3		472		705	2.70	27.0	78.0
11 04 78 1230			.3			263	405	69.	16.5	27.0
15 05 78 1135			.3		452		650	2.9	25.5	96.
07 06 78 1055			.3		534		760	4.40	23.0	180.0
11 07 78 1230			.3		524		720	4.80	24.0	193.0
22 08 78 1027			.3		625		790	1.5	20.5	233.
19 09 78 1410			.3		330		500	12.00	25.5	25.0
04 10 78 1125			.3		824		1000	3.10	18.5	323.0
15 11 78 1430			.3		566		790	2.30	29.0	147.0
05 12 78 1020			.3		543		830	2.4	33.5	145.
MAXIMUM					824	263	1000	69.	33.5	323.0
AVG OR GEOM MN (*)					538	263	725	9.42	24.8	138.8
MINIMUM					330	263	405	1.5	16.5	25.0
NO OF SAMPLES					11	1	12	12	12	12

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT EAST LUTHER AND AMARANTH TWP LINE
STATION TYPE: RIVER
STATION ID: 16-0184-039-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02 003 0150

STN NO: 39 LAT: LONG: U T M: 17 0556200.0 4860150.0 4 REGION: 02 MILEAGE: 154.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1145			.3		39016	4	70.	14.	2. L	1.0	8.0	0.6	0.016	0.010
06 02 78	1255			.3		39081	4	330.	12.	12.	1.0	9.5	0.8	0.021	0.013
14 03 78	1230			.3		39171	4	150.	40.	652.	2.0	9.2	1.8	0.052	0.022
18 04 78	1235			.3		39241	6	1100.	12.	40.	6.5	10.0	0.2	0.055	0.016
16 05 78	1240			.3		39288	6	1500.	24.	40.	10.0	10.8	1.6	0.039	0.002
19 06 78	1255			.3		39484	8	200.	56.	20.	21.0	12.0	1.2	0.024	0.002
25 07 78	1225			.3		39531	6 8	10.	2. L	2.	23.0	8.8	0.4	0.026	0.002
02 08 78	1220			.3		39556	6 8	10. L	2.	18.	23.5	9.1	0.5	0.019	0.004
13 09 78	1213			.3		39582	6 8	330.	18.	20.	15.0	12.8	0.4	0.024	0.001
16 10 78	1335			.3		39647	6	670.	12.	2.	8.0	13.5	0.8	0.023	0.011
21 11 78	1200			.3		39677	6	320.	26.	42.	1.0	13.6	0.4	0.022	0.005
11 12 78	1220			.3		39735	4	1120.	4. L	12.	0.5	12.4	0.2	0.013	0.003
MAXIMUM								1500.	56.	652.	23.5	13.6	1.8	0.055	0.022
AVG OR GEOM MN (*)								214.* D	12.* D	16.* D	9.4	10.8	0.7	0.028	0.008
MINIMUM								10.	2.	2.	0.5	8.0	0.2	0.013	0.001
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1145			.3		0.098	0.700	0.004	0.396	0.498	0.602	1.100	310.0	0.9	309
06 02 78	1255			.3		0.144	0.760	0.005	0.360	0.509	0.616	1.125	296.0	1.7	294
14 03 78	1230			.3		0.268	0.900	0.009	0.611	0.888	0.632	1.520	323.0	5.2	318
18 04 78	1235			.3		0.068	0.670	0.010	0.770	0.848	0.602	1.450	221.0	7.4	
16 05 78	1240			.3		0.002	0.950	0.011	0.635	0.648	0.948	1.596	268.0	4.7	
19 06 78	1255			.3		0.022	0.780	0.009	0.060	0.091	0.758	0.849	251.0	4.2	
25 07 78	1225			.3		0.014	0.650	0.002	0.005L	0.021	0.636	0.657	103.0	1.9	
02 08 78	1220			.3		0.012	0.600	0.002	0.005L	0.019	0.588	0.607	107.0	3.2	
13 09 78	1213			.3		0.014	0.570	0.001	0.005L	0.020	0.556	0.576	144.0	0.8	
16 10 78	1335			.3		0.004	0.780	0.004	0.055	0.063	0.776	0.839	312.0	0.7	311
21 11 78	1200			.3		0.006	0.84	0.004	0.521	0.531	0.834	1.365	331.	2.	329
11 12 78	1220			.3		0.018	0.64	0.004	0.566	0.588	0.622	1.210	350.	1.	349
MAXIMUM						0.268	0.950	0.011	0.770	0.888	0.948	1.596	350.	7.4	349
AVG OR GEOM MN (*)						0.056	0.737	0.005	0.332D	0.394	0.681	1.075	251.3	2.8	318
MINIMUM						0.002	0.570	0.001	0.005	0.019	0.556	0.576	103.0	0.7	294
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	6

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	1145			.3			494	1.70	7.2	15.0
06 02 78	1255			.3			466	4.20	6.9	15.0
14 03 78	1230			.3			525	5.30	11.0	15.0
18 04 78	1235			.3		214	330	6.60	5.1	11.5
16 05 78	1240			.3		263	405	2.30	7.5	17.0
19 06 78	1255			.3		247	380	1.80	11.0	18.5
25 07 78	1225			.3		101	155	2.50	2.6	4.5
02 08 78	1220			.3		104	160	1.90	3.1	5.5
13 09 78	1213			.3		143	220	1.60	7.1	14.5
16 10 78	1335			.3			440	2.10	9.3	45.0
21 11 78	1200			.3			490	2.1	10.6	44.
11 12 78	1220			.3			520	1.5	11.	43.5
MAXIMUM						263	525	6.60	11.0	45.0
AVG OR GEOM MN (*)						179	382	2.80	7.7	20.8
MINIMUM						101	155	1.5	2.6	4.5
NO OF SAMPLES						6	12	12	12	12

B.O.W./ SITE: ERAMOSA RIVER
SAMPLE POINT: THIRD CONC ERAMOSA TWP
STATION TYPE: RIVER FLOW GAUGE FED 02GA029
STATION ID: 16-0184-040-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02 003 0150

STN NO: 40 LAT: LONG: U T M: 17 0568400.0 4828300.0 4 REGION: 02 MILEAGE: 117.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	0915			.3		39009	6	85.10	30.	2.	2. L	2.0	11.6	0.2	0.015
06 02 78	1525			.3		39074	4	67.10	12.	4. L	4. L	1.0	12.5	0.8	0.007
14 03 78	0940			.3		39164	6	66.70	148.	2. L	6.	2.0	11.0	0.2	0.017
18 04 78	1000			.3		39233	6	250.00	56.	2. L	10.	6.0	11.4	0.4	0.012
08 05 78	0940			.3		39264	6	123.00	120.	2. L	2.	10.0	10.8	0.2	0.013
20 06 78	1115			.3		39491	6	56.90	4200.	22.	2.	22.0	8.5	1.0	0.025
25 07 78	1020			.3		39524	6	23.30	170.	10.	18.	23.0	6.0	1.6	0.038
02 08 78	1415			.3		39551	6	21.90	160.	54.	38.	24.0	6.4	0.6	0.025
13 09 78	0956			.3		39577	6	61.20	1100.	66.	44.	16.5	8.8	1.8	0.034
16 10 78	1530			.3		39642	0 6	34.20	200.	2.	2.	9.5	12.1	1.0	0.038
21 11 78	0930			.3		39668	6	70.50	70.	2.	48.	2.0	12.2	0.4	0.010
11 12 78	1520			.3		39726	6	74.20	10.	4. L	16.	0.5	13.8	0.2	0.008
MAXIMUM								250.00	4200.	66.	48.	24.0	13.8	1.8	0.038
AVG OR GEOM MN (*)								77.84	117.*	6.* D	8.* D	9.9	10.4	0.7	0.020
MINIMUM								21.90	10.	2.	2.	0.5	6.0	0.2	0.007
NO OF SAMPLES								12	12	12	12	12	12	12	12

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	0915			.3		0.003	0.016	0.340	0.004	1.000	1.020	0.324	1.344	327.0	6.1
06 02 78	1525			.3		0.006	0.020	0.290	0.006	1.030	1.056	0.270	1.326	315.0	2.5
14 03 78	0940			.3		0.012	0.026	0.330	0.006	1.400	1.432	0.304	1.736	314.0	3.1
18 04 78	1000			.3		0.002	0.010	0.390	0.003	0.880	0.893	0.380	1.273	265.0	3.2
08 05 78	0940			.3		0.001L	0.016	0.430	0.005	0.740	0.761	0.414	1.175	282.0	3.4
20 06 78	1115			.3		0.002	0.048	0.560	0.008	0.380	0.436	0.512	0.948	304.0	3.8
25 07 78	1020			.3		0.003	0.067	0.650	0.014	0.165	0.246	0.583	0.829	300.0	5.4
02 08 78	1415			.3		0.001	0.030	0.570	0.003	0.190	0.223	0.540	0.763	314.0	2.9
13 09 78	0956			.3		0.002	0.024	0.560	0.004	0.170	0.198	0.536	0.734	306.0	5.2
16 10 78	1530			.3		0.018	0.021	0.480	0.002	0.150	0.173	0.459	0.632	344.0	2.4
21 11 78	0930			.3		0.001L	0.009	0.410	0.006	0.350	0.365	0.401	0.766	327.0	2.0
11 12 78	1520			.3		0.002	0.022	0.40	0.003	0.812	0.837	0.378	1.215	323.	1.
MAXIMUM						0.018	0.067	0.650	0.014	1.400	1.432	0.583	1.736	344.0	6.1
AVG OR GEOM MN (*)						0.004D	0.026	0.451	0.005	0.606	0.637	0.425	1.062	310.1	3.4
MINIMUM						0.001	0.009	0.290	0.002	0.150	0.173	0.270	0.632	265.0	1.
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78	0915			.3		321		510	1.40	13.5	35.5
06 02 78	1525			.3		313		515	1.40	13.0	34.0
14 03 78	0940			.3		311		525	2.40	13.0	36.5
18 04 78	1000			.3			262	405	1.10	10.0	26.5
08 05 78	0940			.3		279		450	1.30	12.0	29.5
20 06 78	1115			.3		300		470	1.60	12.0	27.0
25 07 78	1020			.3		295		455	2.30	12.5	25.0
02 08 78	1415			.3		311		460	1.80	10.0	26.0
13 09 78	0956			.3		301		475	1.70	11.5	32.5
16 10 78	1530			.3		342		520	2.00	15.5	52.0
21 11 78	0930			.3		325		475	0.90	14.5	51.0
11 12 78	1520			.3		322		480	1.0	15.5	48.
MAXIMUM						342	262	525	2.40	15.5	52.0
AVG OR GEOM MN (*)						311	262	478	1.58	12.8	35.3
MINIMUM						279	262	405	0.90	10.0	25.0
NO OF SAMPLES						11	1	12	12	12	12

B.O.W. / SITE: GRAND RIVER
SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
STATION TYPE: RIVER

STATION ID: 16-0184-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 41 LAT: LONG: U T M: 17 0547700.0 4807600.0 4 REGION: 02 MILEAGE: 101.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78	0945			.3		39000	6	200.	10.	60.	2.0	10.2	1.6	0.047	0.030
11 01 78	1055			.3		39023	6	10400.	810.	310.	1.0	10.6	0.5	0.055	0.010
17 01 78	0910			.3		39031	4	100.	10. L	12.	3.0	9.2	1.0	0.037	0.030
24 01 78	1225			.3		39057	4	8400.	560.	288.	2.0	9.2	0.6	0.055	0.037
31 01 78	0930			.3		39065	4	390.	40.	10. L	2.0	8.5	1.4	0.101	0.084
07 02 78	1600			.3		39089	6	400.	70.	4.	1.0	10.0	0.8	0.071	0.047
15 02 78	1430			.3		39118	4	1200.	500.	228.	2.0	8.2	0.4	0.049	0.040
22 02 78	1030			.3		39125	4	100. L	10. L	4.	2.0	10.2	0.2	0.073	0.043
27 02 78	1105			.3		39132	4	200.	8.	20.	2.0	10.0	0.8	0.061	0.044
06 03 78	1015			.3		39140	4	480.	4. L	4. L	3.0	11.4	0.8	0.081	0.057
13 03 78	1140			.3		39155	4	410.	4.	8.	2.0	9.0	0.8	0.106	0.082
20 03 78	1035			.3		39191	4	260.	10.	20.	3.0	10.4	1.6	0.100	0.055
28 03 78	0900			.3		39198	6	590.	20.	74.	1.5	12.0	2.0	0.126	0.083
11 04 78	0930			.3		39206	3	7700.	480.	560.	6.0	10.8	3.0	0.440	0.145
15 05 78	0925			.3		39274	6	1500.	150.	50.	10.5	7.8	1.4	0.079	0.013
07 06 78	1400			.3		39457	6	2100.	270.	190.	17.0	8.2	1.2	0.028	0.006
11 07 78	1015			.3		39497	6	100.	30.	10. L	20.0	6.9	1.0	0.042	0.002
22 08 78	1231			.3		39563	6	440.	16.	10. L	24.0	9.2	0.2	0.055	0.005
19 09 78	1150			.3		39589	9 7	16000.	308.	308.	13.0	9.0	3.0	0.238	0.026
04 10 78	1400			.3		39615	8 6	5000.	410.	480.	14.0	11.0	2.0	0.078	0.011
15 11 78	1155			.3		39654	6	200.	10. L	10. L	7.0	12.0	1.4	0.043	0.014
05 12 78	1415			.3		39699	6	3200.	250.	1490.	1.0	10.5	2.6	0.206	0.025
MAXIMUM								16000.	810.	1490.	24.0	12.0	3.0	0.440	0.145
AVG OR GEOM MN (*)								814.* D	52.* D	45.* D	6.3	9.7	1.3	0.099	0.040
MINIMUM								100.	4.	4.	1.0	6.9	0.2	0.028	0.002
NO OF SAMPLES								22	22	22	22	22	22	22	22

(CONTD)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
STATION TYPE: RIVER

STATION ID: 16-0184-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 41 LAT: LONG: U T M: 17 0547700.0 4807600.0 4 REGION: 02 MILEAGE: 101.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 0945			.3		0.092	0.630	0.043	3.080	3.215	0.538	3.753	436.0	2.2	
11 01 78 1055			.3		0.124	0.650	0.080	2.730	2.934	0.526	3.460	434.0	2.2	432
17 01 78 0910			.3		0.138	0.590	0.038	2.350	2.526	0.452	2.978	413.0	1.8	411
24 01 78 1225			.3		0.254	0.770	0.105	2.590	2.949	0.516	3.465	426.0	3.6	422
31 01 78 0930			.3		0.318	0.860	0.070	2.500	2.888	0.542	3.430	443.0	12.0	431
07 02 78 1600			.3		0.206	0.680	0.051	2.820	3.077	0.474	3.551	469.0	9.8	459
15 02 78 1430			.3		0.296	0.690	0.165	2.770	3.231	0.394	3.625	475.0	2.6	472
22 02 78 1030			.3		0.460	0.940	0.063	3.320	3.843	0.480	4.323	489.0	2.2	487
27 02 78 1105			.3		0.410	1.030	0.029	3.270	3.709	0.620	4.329	477.0	2.5	475
06 03 78 1015			.3		0.600	1.050	0.028	3.820	4.448	0.450	4.898	489.0	2.5	487
13 03 78 1140			.3		0.650	1.200	0.041	3.700	4.391	0.550	4.941	575.0	4.0	571
20 03 78 1035			.3		0.690	1.230	0.027	3.190	3.907	0.540	4.447	423.0	9.0	414
28 03 78 0900			.3		0.430	0.89	0.030	3.29	3.750	0.460	4.210	372.	19.	353
11 04 78 0930			.3		0.278	1.85	0.049	3.35	3.677	1.572	5.249	479.	232.	
15 05 78 0925			.3		0.036	0.81	0.030	2.70	2.766	0.774	3.540	329.	21.	308
07 06 78 1400			.3		0.100	0.680	0.035	1.510	1.645	0.580	2.225	324.0	3.6	320
11 07 78 1015			.3		0.044	0.800	0.013	0.772	0.829	0.756	1.585	299.0	8.3	291
22 08 78 1231			.3		0.036	0.65	0.011	0.395	0.442	0.614	1.056	291.	18.	
19 09 78 1150			.3		0.146	1.400	0.073	1.180	1.399	1.254	2.653	403.0	102.0	301
04 10 78 1400			.3		0.120	0.790	0.010	0.775	0.905	0.670	1.575	293.0	16.0	277
15 11 78 1155			.3		0.139	0.880	0.015	1.360	1.514	0.741	2.255	347.0	3.0	344
05 12 78 1415			.3		0.249	1.60	0.033	2.47	2.752	1.351	4.103	474.	69.	405
MAXIMUM					0.690	1.85	0.165	3.820	4.448	1.572	5.249	575.0	232.	571
AVG OR GEOM MN (*)					0.264	0.940	0.047	2.452	2.764	0.675	3.439	416.4	24.8	403
MINIMUM					0.036	0.590	0.010	0.395	0.442	0.394	1.056	291.	1.8	277
NO OF SAMPLES					22	22	22	22	22	22	22	22	22	19

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
04 01 78 0945			.3			700	2.70	27.5	
11 01 78 1055			.3			700	2.60	35.0	52.0
17 01 78 0910			.3			655	2.50	25.0	45.0
24 01 78 1225			.3			705	4.20	34.0	55.0
31 01 78 0930			.3			700	5.20	34.0	55.0
07 02 78 1600			.3			700	3.50	31.5	62.0
15 02 78 1430			.3			745	2.70	38.5	60.0
22 02 78 1030			.3			775	3.20	45.0	78.0
27 02 78 1105			.3			755	2.70	47.0	66.0
06 03 78 1015			.3			765	2.60	42.5	73.0
13 03 78 1140			.3			910	4.70	97.0	73.0
20 03 78 1035			.3			680	7.80	42.5	50.0
28 03 78 0900			.3			570	14.	27.5	36.0
11 04 78 0930			.3		247	380	120.	11.5	24.5
15 05 78 0925			.3			435	8.3	14.5	26.5
07 06 78 1400			.3			530	2.30	34.5	54.0
11 07 78 1015			.3			455	3.60	26.0	43.0
22 08 78 1231			.3		273	420	7.8	25.5	
19 09 78 1150			.3			465	31.00	24.5	49.0
04 10 78 1400			.3			435	7.90	27.0	45.0
15 11 78 1155			.3			600	4.00	36.0	67.0
05 12 78 1415			.3			670	24.	30.5	70.
MAXIMUM					273	910	120.	97.0	78.0
AVG OR GEOM MN (*)					260	625	12.15	34.4	54.2
MINIMUM					247	380	2.30	11.5	24.5
NO OF SAMPLES					2	22	22	22	20

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: PILKINGTON WOOLWICH TWP LINE
STATION TYPE: RIVER

STATION ID: 16-0184-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 42 LAT: LONG: U T M: 17 0542200.0 4830800.0 4 REGION: 02 MILEAGE: 127.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1040			.3		39003	6	30.	10.	10.	2.5	10.0	1.5	0.019	0.008
11 01 78 1205			.3		39026	4	240.	4. L	68.	1.0	11.0	0.2	0.031	0.001
16 01 78 1010			.3		39012	4	70.	14.	14.	1.0	10.5	0.6	0.025	0.006
17 01 78 1105			.3		39042	4	390.	28.	40.	1.0	12.0	1.0	0.029	0.007
24 01 78 1325			.3		39060	4	490.	28.	12.	2.0	10.7	0.2	0.039	0.015
31 01 78 1035			.3		39068	4	170.	50.	10.	2.0	10.6	1.0	0.027	0.019
06 02 78 1430			.3		39077	4	90.	8.	12.	1.0	11.2	0.8	0.023	0.011
07 02 78 1515			.3		39101	4	260.	12.	16.	1.0	12.4	1.0	0.040	0.010
15 02 78 1505			.3		39121	4	600.	86.	114.	2.0	11.0	0.4	0.027	0.025
22 02 78 1140			.3		39128	4	160.	18.	46.	2.0	12.6	0.2	0.034	0.017
27 02 78 1000			.3		39135	4	140.	26.	50.	2.0	11.6	0.2	0.030	0.017
06 03 78 1135			.3		39152	4	340.	12.	196.	2.0	12.6	0.4	0.031	0.016
13 03 78 1025			.3		39158	4	1200.	164.	114.	2.0	10.5	2.4	0.060	0.002
14 03 78 1040			.3		39167	4	3900.	168.	368.	2.0	9.7	0.6	0.048	0.018
20 03 78 1115			.3		39194	4	710.	60.	600. G	3.0	11.0	1.8	0.040	0.019
28 03 78 0940			.3		39201	6	630.	100.	690.	1.5	11.8	1.0	0.059	0.019
18 04 78 1005			.3		39236	3	800.	48.	24.	5.0	12.0	0.4	0.065	0.025
08 05 78 1050			.3		39268	6	280.	12.	4. L	10.0	10.2	0.5	0.025	0.001
20 06 78 1235			.3		39493	8	3600.	40.	30.	20.0	10.3	0.8	0.045	0.001
25 07 78 1105			.3		39526	8	150.	4.	8.	20.5	7.7	0.4	0.025	0.005
02 08 78 1340			.3		39553	8	220.	54.	22.	23.5	10.0	0.8	0.037	0.004
13 09 78 1055			.3		39579	8	1900.	194.	260.	15.0	11.2	0.5	0.031	0.007
16 10 78 1500			.3		39644	6	400.	4. L	8.	10.5	14.0	0.4	0.032	0.001
21 11 78 1030			.3		39672	6	800.	24.	284.	2.5	13.8	0.6	0.029	0.004
11 12 78 1435			.3		39730	4	40.	24.	56.	1.0	13.2	0.2	0.030	0.010
MAXIMUM							3900.	194.	690.	23.5	14.0	2.4	0.065	0.025
AVG OR GEOM MN (*)							343.*	26.* D	44.* E	5.4	11.3	0.7	0.035	0.011
MINIMUM							30.	4.	4.	1.0	7.7	0.2	0.019	0.001
NO OF SAMPLES							25	25	25	25	25	25	25	25

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
04 01 78 1040			.3		0.038	0.640	0.011	1.700	1.749	0.602	2.351	346.0	1.1	
11 01 78 1205			.3		0.014	0.620	0.017	2.060	2.091	0.606	2.697	347.0	5.4	342
16 01 78 1010			.3		0.078	0.660	0.013	1.590	1.681	0.582	2.263	356.0	1.8	354
17 01 78 1105			.3		0.086	0.770	0.015	1.210	1.311	0.684	1.995	354.0	3.9	350
24 01 78 1325			.3		0.108	0.740	0.027	1.800	1.935	0.632	2.567	343.0	3.9	339
31 01 78 1035			.3		0.118	0.690	0.026	2.130	2.274	0.572	2.846	346.0	4.0	342
06 02 78 1430			.3		0.102	0.640	0.018	2.120	2.240	0.538	2.778	355.0	3.3	352
07 02 78 1515			.3		0.094	0.710	0.024	2.270	2.388	0.616	3.004	388.0	9.4	379
15 02 78 1505			.3		0.110	0.700	0.023	2.340	2.473	0.590	3.063	380.0	2.9	377
22 02 78 1140			.3		0.112	0.730	0.016	2.440	2.568	0.618	3.186	366.0	4.8	361
27 02 78 1000			.3		0.106	0.670	0.016	2.430	2.552	0.564	3.116	369.0	9.0	360
06 03 78 1135			.3		0.146	0.680	0.012	2.450	2.608	0.534	3.142	379.0	3.1	378
13 03 78 1025			.3		0.450	1.980	0.042	3.450	3.942	1.530	5.472	757.0	16.0	741
14 03 78 1040			.3		0.180	0.720	0.012	2.470	2.662	0.540	3.202	364.0	5.9	358
20 03 78 1115			.3		0.218	0.760	0.012	2.300	2.530	0.542	3.072	366.0	5.6	360
28 03 78 0940			.3		0.172	0.79	0.020	1.28	1.472	0.618	2.090	336.	17.	319
18 04 78 1005			.3		0.112	0.630	0.014	1.440	1.566	0.518	2.084	226.0	14.0	
08 05 78 1050			.3		0.010	0.530	0.013	1.940	1.963	0.520	2.483	281.0	4.6	
20 06 78 1235			.3		0.026	0.800	0.025	1.070	1.121	0.774	1.895	259.0	6.2	
25 07 78 1105			.3		0.031	0.600	0.007	0.585	0.623	0.569	1.192	258.0	4.4	
02 08 78 1340			.3		0.030	0.630	0.007	0.410	0.447	0.600	1.047	247.0	3.0	
13 09 78 1055			.3		0.024	0.610	0.006	0.570	0.600	0.586	1.186	252.0	1.9	
16 10 78 1500			.3		0.061	0.900	0.009	0.740	0.810	0.839	1.649	275.0	4.7	
21 11 78 1030			.3		0.014	0.760	0.012	1.240	1.266	0.746	2.012	311.0	3.0	308
11 12 78 1435			.3		0.064	0.75	0.010	1.69	1.764	0.686	2.450	341.	4.	337
MAXIMUM					0.450	1.980	0.042	3.450	3.942	1.530	5.472	757.0	17.	741
AVG OR GEOM MN (*)					0.100	0.748	0.016	1.749	1.865	0.648	2.514	344.1	5.7	374
MINIMUM					0.010	0.530	0.006	0.410	0.447	0.518	1.047	226.0	1.1	308
NO OF SAMPLES					25	25	25	25	25	25	25	25	25	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
04 01 78 1040			.3			565	2.60	13.5	
11 01 78 1205			.3			565	3.20	15.0	28.0
16 01 78 1010			.3			550	3.20	12.0	26.0
17 01 78 1105			.3			550	3.10	11.5	24.5
24 01 78 1325			.3			560	3.70	13.5	28.5
31 01 78 1035			.3			555	4.60	13.5	28.0
06 02 78 1430			.3			565	4.30	14.0	28.0
07 02 78 1515			.3			575	4.40	15.0	29.0
15 02 78 1505			.3			580	4.10	16.5	33.0
22 02 78 1140			.3			585	4.30	16.0	32.0
27 02 78 1000			.3			580	5.30	15.5	32.0
06 03 78 1135			.3			590	3.70	15.0	33.0
13 03 78 1025			.3			1140	14.00	108.0	70.0
14 03 78 1040			.3			590	4.20	21.5	30.5
20 03 78 1115			.3			575	5.30	20.0	29.0
28 03 78 0940			.3			530	13.	15.0	26.0
18 04 78 1005			.3		212	325	9.80	6.2	15.0
08 05 78 1050			.3		276	425	1.90	13.5	25.0
20 06 78 1235			.3		253	390	2.60	11.5	21.5
25 07 78 1105			.3		254	390	2.00	10.5	18.5
02 08 78 1340			.3		244	375	6.20	11.0	19.0
13 09 78 1055			.3		250	385	1.90	12.5	23.5
16 10 78 1500			.3		270	415	3.00	15.0	36.0
21 11 78 1030			.3			460	2.70	14.0	41.5
11 12 78 1435			.3			520	2.9	16.5	
MAXIMUM					276	1140	14.00	108.0	70.0
AVG OR GEOM MN (*)					251	534	4.64	17.8	29.5
MINIMUM					212	325	1.90	6.2	15.0
NO OF SAMPLES					7	25	25	25	23

B.O.W./ SITE: SPEED RIVER PLUARG STATION ID: 16-0184-043-02
SAMPLE POINT: AT WOODLAWN ROAD, GUELPH UL-2
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: GRAND RIVER 0150

STN NO: 43 LAT: LONG: U T M: 17 0558890.0 4824130.0 4 REGION: 02 MILEAGE: 111.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 0945			.3		39011	6	10.	4.	2.	1.0	10.0	0.4	0.008	0.001L
06 02 78 1450			.3		39076	6	10.	4. L	4. L	1.5	12.0	0.8	0.008	0.002
14 03 78 1015			.3		39166	6	24.	2. L	96.	3.0	10.4	0.4	0.025	0.009
18 04 78 1045			.3		39234	6	32.	2.	2. L	5.5	12.2	0.8	0.031	0.008
24 04 78 0940			.3		39250	6	12.	2.	2. L	8.0	12.8	0.2	0.030	0.004
03 05 78 1245			.3		39256	6	4. L	2. L	2. L	10.0	9.5	1.4	0.020	0.001
08 05 78 1025			.3		39266	6	4. L	2. L	2.	9.0	10.8	0.4	0.021	0.001
16 05 78 1310			.3		39301	3				11.0	11.0	0.6	0.029	0.001L
23 05 78 1015			.3		39303	6				14.7	9.9	1.0	0.024	0.006
29 05 78 0940			.3		39305	6	50.	4. L		19.7	10.1	1.5	0.023	0.001
05 06 78 0930			.3		39307	6	52.	4.	4.	13.5	8.9			
12 06 78 0930			.3		39309	8	100.	24.	8.	15.8	10.5	0.6	0.014	0.001
19 06 78 0940			.3		39311	8	640.	38.	12.	15.8	8.7	0.8	0.018	0.001
26 06 78 0940			.3		39313	8	570.	174.	172.	15.8	7.7	0.5	0.012	0.002
03 07 78 1110			.3		39315	8	700.	16.	60.	18.8	10.1	1.0	0.014	0.001L
10 07 78 1100			.3		39317		80.	4.		17.0	8.4	1.0	0.012	0.001
17 07 78 1100			.3		39319		30.	4. L		18.0	8.3	0.4	0.019	0.001L
24 07 78 1050			.3		39321		190.	40.		18.0	6.3	1.0	0.018	0.001
31 07 78 1100			.3		39323		150.	4.		18.3	7.4	1.5	0.023	0.002
08 08 78 1355			.3		39325	8	400.	20.	40.	24.0	11.4	0.5	0.020	0.002
14 08 78 1500			.3		39327	8	5400.	28.	8.	24.5	10.2	1.6	0.052	0.004
21 08 78 1512			.3		39329	8	350.	8.	24.	23.0	10.6	0.4	0.019	0.003
28 08 78 1526			.3		39331	8	230.	72.	224.	21.0	9.3	0.5	0.020	0.001
05 09 78 1515			.3		39333	8	40.	22.	18.	21.0	8.6	0.4	0.012	0.002
11 09 78 1540			.3		39335	8				22.0	9.3	0.2	0.031	0.001
18 09 78 1620			.3		39337	8	1030.	150.	78.	14.0	9.0	1.0	0.046	0.012
25 09 78 1515			.3		39339	8	360.	124.	4.	16.0	10.4	0.2	0.010	0.001
03 10 78 0935			.3		39341	8	130.	20.	4. L	13.5	9.2	0.5	0.022	0.001
10 10 78 1535			.3		39343	8	92.	16.	20.	14.0	10.8	0.8	0.097	0.040
16 10 78 1505			.3		39345	8	90.	10.	10. L	11.0	10.8	2.4	0.080	0.004
23 10 78 0955			.3		39347	8	4100.	48.	98.	9.5	10.2	1.5	0.026	0.001
30 10 78 1535			.3		39349	8	50.	4.	4.	9.8	10.6	0.6	0.019	0.001

(C O N T D)

PLUARG STATION ID: 16-0184-043-02

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: AT WOODLAWN ROAD, GUELPH UL-2
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 43 LAT: LONG: U T M: 17 0558890.0 4824130.0 4 REGION: 02 MILEAGE: 111.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
21 11 78	1010			.3		39670	6	70.	44.	44.	4.0	12.4	0.2	0.007	0.001L
11 12 78	1500			.3		39729	6	40.	16.	44.	2.0	13.2	0.2	0.018	0.001
MAXIMUM								5400.	174.	224.	24.5	13.2	2.4	0.097	0.040
AVG OR GEOM MN (*)								100.* D	12.* D	14.* D	13.6	10.0	0.8	0.025	0.004D
MINIMUM								4.	2.	2.	1.0	6.3	0.2	0.007	0.001
NO OF SAMPLES								31	31	26	34	34	33	33	33

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	0945			.3		0.054	0.480	0.007	2.040	2.101	0.426	2.527	374.0	2.8	371
06 02 78	1450			.3		0.084	0.460	0.012	1.680	1.776	0.376	2.152	341.0	3.9	337
14 03 78	1015			.3		0.118	0.470	0.011	2.450	2.579	0.352	2.931	346.0	4.9	341
18 04 78	1045			.3		0.072	0.520	0.014	2.220	2.306	0.448	2.754	244.0	2.8	
24 04 78	0940			.3		0.038	0.470	0.015	2.080	2.133	0.432	2.565	248.0	4.4	
03 05 78	1245			.3		0.036	0.540	0.012	1.600	1.738	0.504	2.242	256.0	5.9	
08 05 78	1025			.3		0.032	0.520	0.012	1.640	1.684	0.488	2.172	264.0	4.0	
16 05 78	1310			.3		0.022	0.590	0.013	1.490	1.525	0.568	2.093	267.0	7.3	
23 05 78	1015			.3		0.054	0.53	0.023	1.33	1.407	0.476	1.883	279.	3.4	
29 05 78	0940			.3		0.022	0.59	0.018	1.13	1.170	0.568	1.738	286.	2.7	
05 06 78	0930			.3										2.3	
12 06 78	0930			.3		0.024	0.550	0.020	0.955	0.999	0.526	1.525	273.0	1.5	
19 06 78	0940			.3		0.020	0.620	0.023	0.935	0.978	0.600	1.578	291.0	2.0	
26 06 78	0940			.3		0.020	0.530	0.029	0.930	0.979	0.510	1.489	284.0	1.5	
03 07 78	1110			.3		0.026	0.57	0.031	0.885	0.942	0.544	1.486	277.	3.8	
10 07 78	1100			.3		0.080	0.640	0.041	0.819	0.940	0.560	1.500	279.0	2.9	
17 07 78	1100			.3		0.094	0.680	0.037	0.698	0.829	0.586	1.415	279.0	3.4	
24 07 78	1050			.3		0.096	0.670	0.034	0.620	0.750	0.574	1.324	290.0	2.7	
31 07 78	1100			.3		0.096	0.640	0.035	0.475	0.606	0.544	1.150	261.0	4.3	
08 08 78	1355			.3		0.036	0.560	0.009	0.700	0.745	0.524	1.269	264.0	3.6	
14 08 78	1500			.3		0.138	1.170	0.023	0.275	0.436	1.032	1.468	354.0	4.7	
21 08 78	1512			.3		0.058	0.440	0.027	0.313	0.398	0.382	0.780	261.0	3.7	
28 08 78	1526			.3		0.024	0.570	0.014	0.825	0.863	0.546	1.409	273.0	1.5	
05 09 78	1515			.3		0.038	0.350	0.009	0.905	0.952	0.312	1.264	277.0	3.7	
11 09 78	1540			.3		0.030	0.730	0.018	0.220	0.268	0.700	0.968	265.0	2.4	
18 09 78	1620			.3		0.060	0.730	0.028	0.480	0.568	0.670	1.238	264.0	4.3	
25 09 78	1515			.3		0.022	0.560	0.005	0.615	0.642	0.538	1.180	350.0	2.4	
03 10 78	0935			.3		0.036	0.680	0.017	0.235	0.288	0.644	0.932	274.0	3.7	
10 10 78	1535			.3		0.045	0.680	0.012	0.255	0.312	0.635	0.947	285.0	4.6	
16 10 78	1505			.3		0.004	1.160	0.022	1.380	1.406	1.156	2.562	311.0	20.0	
23 10 78	0955			.3		0.043	0.780	0.012	0.265	0.320	0.737	1.057	247.0	6.2	241
30 10 78	1535			.3		0.033	0.630	0.010	0.250	0.293	0.597	0.890	307.0	4.4	303
21 11 78	1010			.3		0.005	0.420	0.002	0.770	0.777	0.415	1.192	334.0	0.8	333
11 12 78	1500			.3		0.130	0.65	0.010	0.670	0.810	0.520	1.330	317.	3.	314
MAXIMUM						0.138	1.170	0.041	2.450	2.579	1.156	2.931	374.0	20.0	371.
AVG OR GEOM MN (*)						0.051	0.612	0.018	0.977	1.046	0.560	1.606	288.5	4.0	320
MINIMUM						0.004	0.350	0.002	0.220	0.268	0.312	0.780	244.0	0.8	241
NO OF SAMPLES						33	33	33	33	33	33	33	33	34	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
16 01 78	0945			.3			595	3.50	18.0	34.5		
06 02 78	1450			.3			555	2.70	15.0	31.0		
14 03 78	1015			.3			570	4.00	19.5	31.5		
18 04 78	1045			.3		241	370	3.40	10.0	21.0		
24 04 78	0940			.3		244	375	3.00	11.0			
03 05 78	1245			.3		250	385	1.60	12.0			
08 05 78	1025			.3		260	400	1.40	12.0	23.0		
16 05 78	1310			.3			400	2.50	11.5	22.5	5.	10
23 05 78	1015			.3			425	1.2	13.5	23.0	5.4	35
29 05 78	0940			.3			430	1.2	14.	22.0	5.6	14
05 06 78	0930			.3			465	1.70	11.5	25.0	6.	27
12 06 78	0930			.3			435	1.70	13.5	21.5	6.	10L
19 06 78	0940			.3			450	1.60	15.5	21.0	6.6	36
26 06 78	0940			.3			420	1.60	13.5	21.5	6.	25
03 07 78	1110			.3			420	2.3	12.5	22.0	6.1	26
10 07 78	1100			.3			425	2.10	12.5	21.5	7.	19
17 07 78	1100			.3			425	1.70	12.0	21.0	7.	19
24 07 78	1050			.3			430	1.80	13.0	20.5	7.	40
31 07 78	1100			.3			420	1.00	12.5	21.5	7.	32
08 08 78	1355			.3			400	2.00	12.5	29.0	3.5	27
14 08 78	1500			.3			570	2.10	67.0	33.5	7.0	39
21 08 78	1512			.3			395	1.20	13.5	20.0	7.	26
28 08 78	1526			.3			420	1.80	10.5	33.5	5.	40
05 09 78	1515			.3			420	1.60	11.5	35.5	4.9	33
11 09 78	1540			.3			405	1.50	13.5	20.5	7.2	33
18 09 78	1620			.3			400	3.40	13.5	21.0	7.8	28
25 09 78	1515			.3			495	1.10	10.0	75.0	8.8	39
03 10 78	0935			.3			415	2.70	13.0	30.5	7.5	32
10 10 78	1535			.3			435	2.20	15.5	35.0	7.8	30
16 10 78	1505			.3			430	19.00	19.0	36.5	7.	33
23 10 78	0955			.3			435	3.20	8.7		7.	33
30 10 78	1535			.3			435	3.00	13.5		7.	33
21 11 78	1010			.3			490	0.80	12.5	55.0	7.	33
11 12 78	1500			.3			485	2.0	15.	46.	7.	33
MAXIMUM						260	595	19.00	67.0	75.0	8.8	40
AVG OR GEOM MN (*)						249	442	2.58	14.8	29.2	6.5	29D
MINIMUM						241	370	0.80	8.7	20.0	3.5	10
NO OF SAMPLES						4	34	34	34	30	27	27

B.O.W / SITE: FAIRCHILD CREEK
SAMPLE POINT: FIRST CONC DOWNSTREAM FROM ST GEORGE
STATION TYPE: RIVER FLOW GAUGE FED 02GB007
STATION ID: 16-0184-044-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150

STN NO: 44 LAT: LONG: U T M: 17 0561450.0 4766500.0 4 REGION: 02 MILEAGE: 66.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 01 78 0940			.3		39046	6	53.00	1500.	300.	100. L	1.5	10.8	0.4	0.053
14 02 78 1430			.3		39105	6	50.10	900.	100. L	100. L	1.0	11.8	1.2	0.079
15 03 78 1105			.3		39179	6	220.00	7900.	410.	1500.	1.5	12.0	6.0	0.220
17 04 78 1520			.3		39219	6	226.00	460.	12.	20.	9.5	11.4	0.6	0.051
23 05 78 0935			.3		39294	6	143.00	320.	36.	4. L	15.5	7.5	1.2	0.064
14 06 78 1455			.3		39470	6	31.60	7300.	332.	164.	15.0	10.4	1.0	0.074
12 07 78 0943			.3		39510	6	16.00	4400.	760.	152.	17.0	8.2	1.0	0.093
01 08 78 1500			.3		39537	6	17.60	8100.	170.	92.	21.5	10.2	0.8	0.092
26 09 78 1035			.3		39602	6	25.20	3100.	420.	652.	12.0	10.2	0.4	0.090
10 10 78 1600			.3		39628	6	37.40	6700.	280.	210.	13.0	10.4	3.0	0.069
22 11 78 1000			.3		39686	6	63.20	300.	40.	120.	2.0	12.4	0.6	0.030
06 12 78 1505			.3		39712	6	137.00	2040.	208.	332.	2.5	12.2	0.6	0.069
MAXIMUM							226.00	8100.	760.	1500.	21.5	12.4	6.0	0.220
AVG OR GEOM MN (*)							85.01	2040.*	162.* D	125.* D	9.3	10.6	1.4	0.082
MINIMUM							16.00	300.	12.	4.	1.0	7.5	0.4	0.030
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 01 78 0940			.3		0.029	0.114	0.450	0.016	2.470	2.600	0.336	2.936	513.0	12.0
14 02 78 1430			.3		0.035	0.118	0.660	0.019	1.850	1.987	0.542	2.529	470.0	17.0
15 03 78 1105			.3		0.160	1.290	2.550	0.028	2.370	3.688	1.260	4.948	342.0	30.0
17 04 78 1520			.3		0.017	0.022	0.480	0.012	1.700	1.734	0.458	2.192	369.0	11.0
23 05 78 0935			.3		0.024	0.038	0.730	0.053	0.860	0.951	0.692	1.643	406.0	13.0
14 06 78 1455			.3		0.035	0.064	0.60	0.040	1.41	1.514	0.536	2.050	394.	14.
12 07 78 0943			.3		0.050	0.036	0.480	0.022	1.730	1.788	0.444	2.232	364.0	13.0
01 08 78 1500			.3		0.051	0.062	0.390	0.026	1.840	1.928	0.328	2.256	358.0	9.6
26 09 78 1035			.3		0.060	0.034	0.550	0.012	1.290	1.336	0.516	1.852	463.0	7.3
10 10 78 1600			.3		0.045	0.100	0.590	0.015	1.080	1.195	0.490	1.685	508.0	4.2
22 11 78 1000			.3		0.017	0.028	0.62	0.009	1.39	1.427	0.592	2.019	464.	3.
06 12 78 1505			.3		0.053	0.040	0.50	0.016	2.23	2.286	0.460	2.746	447.	5.
MAXIMUM					0.160	1.290	2.550	0.053	2.470	3.688	1.260	4.948	513.0	30.0
AVG OR GEOM MN (*)					0.048	0.162	0.717	0.022	1.685	1.870	0.555	2.424	424.8	11.6
MINIMUM					0.017	0.022	0.390	0.009	0.860	0.951	0.328	1.643	342.0	3.
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
18 01 78 0940			.3		501	715	5.40	21.0	75.0
14 02 78 1430			.3		453	685	14.00	18.5	80.0
15 03 78 1105			.3		312	480	26.00	24.0	50.0
17 04 78 1520			.3		358	550	7.00	18.5	53.0
23 05 78 0935			.3		393	585	5.50	18.0	48.5
14 06 78 1455			.3		380	570	5.8	19.0	55.
12 07 78 0943			.3		351	550	5.90	15.0	58.0
01 08 78 1500			.3		348	540	3.80	15.0	
26 09 78 1035			.3		456	730	3.90	21.5	198.0
10 10 78 1600			.3		504	720	2.90	24.5	137.0
22 11 78 1000			.3		461	730	3.0	22.5	140.
06 12 78 1505			.3		442	660	4.0	25.	
MAXIMUM					504	730	26.00	25.	198.0
AVG OR GEOM MN (*)					413	626	7.27	20.2	89.5
MINIMUM					312	480	2.90	15.0	48.5
NO OF SAMPLES					12	12	12	12	10

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLY
STATION TYPE: RIVER
STATION ID: 16-0184-045-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150

STN NO: 45 LAT: LONG: U T M: 17 0521050.0 4811250.0 4 REGION: 02 MILEAGE: 143.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1150			.3		39035	4	230.	32.	60.	1.0	8.0	0.6	0.075	0.053
07 02 78 1355			.3		39093	4	640.	148.	296.	0.5	8.8	2.0	0.134	0.056
06 03 78 1230			.3		39144	4	730.	204.	220.	2.5	10.6	0.2	0.087	0.068
11 04 78 1130			.3		39210	3	11700.	890.	1500. G	6.0	10.2	2.8	0.540	0.150
15 05 78 1040			.3		39278	6	2200.	260.	200.	11.0	8.2	2.0	0.150	0.055
07 06 78 1200			.3		39461	6	100. L	10.	100. L	18.5	5.8	1.2	0.043	0.008
11 07 78 1127			.3		39501	6	100.	20.	16.	19.5	6.5	1.0	0.041	0.008
22 08 78 1115			.3		39567	6	10.	4. L	4.	21.5	9.2	0.6	0.038	0.007
19 09 78 1306			.3		39593	3 9	47000.	8000.	1500. G	13.0	7.8	3.8	0.640	0.022
04 10 78 1240			.3		39619	6 8	25000.	1500. G	1390.	13.5	9.2	1.8	0.095	0.015
15 11 78 1325			.3		39658	6	400.	20.	110.	6.0	11.8	1.2	0.028	0.006
05 12 78 1130			.3		39703	6	13900.	1280.	1500. G	1.0	10.6	1.6	0.140	0.085
MAXIMUM							47000.	8000.	1500.	21.5	11.8	3.8	0.640	0.150
AVG OR GEOM MN (*)							1050.* D	140.* E	192.* E	9.5	8.9	1.6	0.168	0.044
MINIMUM							10.	4.	4.	0.5	5.8	0.2	0.028	0.006
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 16-0184-045-02

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 45 LAT: LONG: U T M: 17 0521050.0 4811250.0 4 REGION: 02 MILEAGE: 143.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1150			.3		0.250	0.710	0.030	3.070	3.350	0.460	3.810	393.0	5.5	387
07 02 78 1355			.3		0.510	1.120	0.031	3.220	3.761	0.610	4.371	479.0	41.0	438
06 03 78 1230			.3		0.362	0.870	0.021	3.250	3.633	0.508	4.141	399.0	4.2	395
11 04 78 1130			.3		0.268	1.65	0.055	2.28	2.603	1.382	3.985	483.	324.	
15 05 78 1040			.3		0.128	1.07	0.053	3.33	3.511	0.942	4.453	418.	38.	380
07 06 78 1200			.3		0.108	0.810	0.045	1.090	1.243	0.702	1.945	302.0	4.3	298
11 07 78 1127			.3		0.048	0.560	0.024	0.481	0.553	0.512	1.065	268.0	4.8	
22 08 78 1115			.3		0.044	0.53	0.019	0.660	0.723	0.486	1.209	256.	5.7	
19 09 78 1306			.3		0.104	2.080	0.030	0.910	1.044	1.976	3.020	541.0	188.0	353
04 10 78 1240			.3		0.054	0.700	0.082	0.795	0.931	0.646	1.577	391.0	23.0	368
15 11 78 1325			.3		0.072	0.550	0.011	1.680	1.763	0.478	2.241	347.0	6.0	341
05 12 78 1130			.3		0.185	1.06	0.030	1.07	1.285	0.875	2.160	355.	28.	327
MAXIMUM					0.510	2.080	0.082	3.33	3.761	1.976	4.453	541.0	324.	438
AVG OR GEOM MN (*)					0.178	0.976	0.036	1.820	2.033	0.798	2.831	386.0	56.0	365
MINIMUM					0.044	0.53	0.011	0.481	0.553	0.460	1.065	256.	4.2	298
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
17 01 78 1150			.3			615	3.80	15.0	40.0
07 02 78 1355			.3			680	15.00	17.5	41.5
06 03 78 1230			.3			630	4.30	14.5	40.0
11 04 78 1130			.3		159	245	220.	6.1	15.0
15 05 78 1040			.3			540	20.	24.0	7.0
07 06 78 1200			.3			480	3.10	13.5	32.5
11 07 78 1127			.3		263	405	4.90	13.5	33.0
22 08 78 1115			.3		250	385	3.4	13.0	32.5
19 09 78 1306			.3			490	89.00	28.0	43.0
04 10 78 1240			.3			520	22.00	22.5	46.0
15 11 78 1325			.3			560	4.60	18.5	47.0
05 12 78 1130			.3			520	24.	22.	
MAXIMUM					263	680	220.	28.0	47.0
AVG OR GEOM MN (*)					224	506	34.51	17.3	34.3
MINIMUM					159	245	3.10	6.1	7.0
NO OF SAMPLES					3	12	12	12	11

STATION ID: 16-0184-046-02

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: 200 YDS UPSTREAM FROM CONFLUENCE WITH GRAND RIVER
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 46 LAT: LONG: U T M: 17 0551050.0 4804999.0 4 REGION: 02 MILEAGE: 93.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DLG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1400			.3		39041	4	200.	10. L	30.	0.5	11.8	1.0	0.069	0.040
07 02 78 1130			.3		39100	4	2400.	40.	130.	2.0	10.0	1.8	0.058	0.038
06 03 78 1515			.3		39151	4	160.	16.	24.	3.0	11.4	1.8	0.060	0.036
11 04 78 1430			.3		39217	3	1800.	40.	344.	5.0	11.0	2.0	0.083	0.026
15 05 78 1245			.3		39285	6	1100.	44.	40.	11.0	8.5	1.8	0.058	0.017
07 06 78 0950			.3		39468	6	500.	32.	68.	17.0	6.2	2.6	0.074	0.021
11 07 78 1330			.3		39508	6	4000.	112.	112.	20.5	6.0	1.8	0.090	0.029
22 08 78 0929			.3		39574	8	2800.	108.	292.	21.0	6.6	1.0	0.075	0.034
19 09 78 1520			.3		39600	6 8	2900.	270.	610.	13.5	8.6	2.6	0.138	0.026
04 10 78 1025			.3		39626	6 8	5000.	60.	380.	13.5	9.4	2.4	0.112	0.021
15 11 78 1530			.3		39665	6	200.	50.	1500.	7.0	11.9	2.4	0.043	0.018
05 12 78 0910			.3		39710	6	4800.	80.	230.	2.0	11.0	0.5	0.054	0.017
MAXIMUM							5000.	270.	1500.	21.0	11.9	2.6	0.138	0.040
AVG OR GEOM MN (*)							1229.*	51.* D	157.*	9.7	9.4	1.8	0.076	0.027
MINIMUM							160.	10.	24.	0.5	6.0	0.5	0.043	0.017
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
17 01 78 1400			.3		1.050	1.450	0.029	2.520	3.599	0.400	3.999	452.0	1.5	450
07 02 78 1130			.3		1.160	1.640	0.025	2.210	3.395	0.480	3.875	436.0	12.0	424
06 03 78 1515			.3		0.168	2.000	0.023	2.560	2.751	1.832	4.583	457.0	3.6	453
11 04 78 1430			.3		0.310	0.90	0.052	1.98	2.342	0.590	2.932	315.	25.	290
15 05 78 1245			.3		0.114	0.79	0.073	1.41	1.597	0.676	2.273	340.	13.	327
07 06 78 0950			.3		0.124	0.830	0.355	2.470	2.949	0.706	3.655	460.0	3.7	456
11 07 78 1330			.3		0.097	0.710	0.075	1.270	1.442	0.613	2.055	441.0	12.0	429
22 08 78 0929			.3		0.058	0.58	0.023	1.61	1.691	0.522	2.213	456.	3.3	453
19 09 78 1520			.3		0.254	1.060	0.100	1.100	1.454	0.806	2.260	347.0	24.0	323
04 10 78 1025			.3		0.022	0.740	0.125	2.320	2.467	0.718	3.185	468.0	16.0	452
15 11 78 1530			.3		0.096	0.770	0.061	2.290	2.447	0.674	3.121	396.0	5.0	391
05 12 78 0910			.3		0.838	1.52	0.038	1.51	2.386	0.682	3.068	424.	7.	417
MAXIMUM					1.160	2.000	0.355	2.560	3.599	1.832	4.583	468.0	25.	456
AVG OR GEOM MN (*)					0.358	1.083	0.082	1.938	2.377	0.725	3.102	416.0	10.5	405
MINIMUM					0.022	0.58	0.023	1.100	1.442	0.400	2.055	315.	1.5	290
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
17 01 78	1400			.3		735	1.70	53.0	49.0
07 02 78	1130			.3		695	5.20	46.5	45.0
06 03 78	1515			.3		740	2.90	51.0	53.0
11 04 78	1430			.3		465	12.	30.0	29.5
15 05 78	1245			.3		470	4.1	24.5	28.0
07 06 78	0950			.3		740	2.60	78.0	55.0
11 07 78	1330			.3		700	4.10	73.0	58.0
22 08 78	0929			.3		690	2.2	73.	
19 09 78	1520			.3		495	11.00	39.0	46.0
04 10 78	1025			.3		680	11.00	65.0	63.0
15 11 78	1530			.3		630	3.20	52.5	60.0
05 12 78	0910			.3		720	4.9	90.	55.
MAXIMUM						740	12.	90.	63.0
AVG OR GEOM MN (*)						647	5.41	56.3	49.2
MINIMUM						465	1.70	24.5	28.0
NO OF SAMPLES						12	12	12	11

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
STATION TYPE: RIVER

STATION ID: 16-0184-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 51 LAT: LONG: U T M: 17 0535475.0 4829125.0 4 REGION: 02 MILEAGE: 129.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78	1355			.3		39020	4	3600.	310.	400.	1.0	10.6	1.2	0.093	0.043
18 04 78	1425			.3		39245	6	20.	10. L	20.	7.0	9.5	0.4	0.152	0.086
16 05 78	1355			.3		39290	6	120.	28.	30.	11.0	10.6	4.0	0.066	0.001
19 06 78	1410			.3		39486	6	370.	208.	30.	19.0	13.1	1.2	0.073	0.017
25 07 78	1335			.3		39533	6	1500.	720.	116.	24.0	7.6	1.8	0.560	0.036
02 08 78	1055			.3		39559	6	2000.	380.	260.	23.0	7.6	1.6	0.082	0.017
13 09 78	1353			.3		39585	6	1800.	590.	480.	17.0	10.8	4.8	0.156	0.003
16 10 78	1215			.3		39650	6	500.	90.	40.	10.0	9.8	1.8	0.132	0.003
21 11 78	1340			.3		39682	6	280.	200.	456.	4.0	13.6	2.6	0.090	0.008
11 12 78	1025			.3		39740	6	160.	10.	80.	2.5	12.6	0.4	0.063	0.010
MAXIMUM								3600.	720.	480.	24.0	13.6	4.8	0.560	0.086
AVG OR GEOM MN (*)								456.*	118.* D	104.*	11.9	10.6	2.0	0.147	0.022
MINIMUM								20.	10.	20.	1.0	7.6	0.4	0.063	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78	1355			.3		0.204	0.880	0.019	4.880	5.103	0.676	5.779	436.0	17.0	419
18 04 78	1425			.3		0.238	0.900	0.029	5.360	5.627	0.662	6.289	271.0	16.0	
16 05 78	1356			.3		0.050	0.940	0.039	4.010	4.099	0.890	4.989	281.0	18.0	
19 06 78	1410			.3		0.100	0.790	0.100	1.480	1.680	0.690	2.370	286.0	16.0	
25 07 78	1335			.3		0.057	1.110	0.135	0.681	0.873	1.053	1.926	454.0	134.0	320
02 08 78	1055			.3		0.090	0.820	0.083	0.477	0.650	0.730	1.380	355.0	12.0	343
13 09 78	1353			.3		0.108	1.480	0.021	0.115	0.244	1.372	1.616	337.0	51.0	286
16 10 78	1215			.3		0.162	1.340	0.053	1.100	1.315	1.178	2.493	356.0	25.0	331
21 11 78	1340			.3		0.180	1.28	0.031	1.32	1.531	1.100	2.631	360.	21.	339
11 12 78	1025			.3		0.230	0.99	0.039	3.06	3.329	0.760	4.089	381.	14.	367
MAXIMUM						0.238	1.480	0.135	5.360	5.627	1.372	6.289	454.0	134.0	419
AVG OR GEOM MN (*)						0.142	1.053	0.055	2.248	2.445	0.911	3.356	351.7	32.4	344
MINIMUM						0.050	0.790	0.019	0.115	0.244	0.662	1.380	271.0	12.0	286
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
16 01 78	1355			.3			655	41.00	16.5	52.0	3.65	7.6	273	7.82	2.800
18 04 78	1425			.3		255	390	27.00	9.9	23.5	2.25	1.7	158	8.08	1.700
16 05 78	1355			.3		263	405	6.90	12.5	32.0	0.15	1.2	159	7.99	0.320
19 06 78	1410			.3		270	415	6.80	14.0	35.0	0.75	0.0	174	8.57	0.630
25 07 78	1335			.3			480	61.00	14.0	41.0	2.30	3.2	243	8.13	3.700
02 08 78	1055			.3			475	5.40	14.5	39.0	2.10	2.2	214	8.19	0.640
13 09 78	1353			.3			460	11.00	15.5	45.0	1.55	2.6	191	7.98	1.500
16 10 78	1215			.3			520	9.10	17.5	54.0	1.35	0.0	209	8.06	0.760
21 11 78	1340			.3			550	13.	17.	55.	1.0	3.8	218	8.14	0.60
11 12 78	1025			.3			580	4.1	20.	57.	1.90	4.8	229	7.94	0.13
MAXIMUM						270	665	61.00	20.	57.	3.65	7.6	273	8.57	3.700
AVG OR GEOM MN (*)						263	493	18.53	15.1	43.4	1.70	2.7	207	8.09	1.278
MINIMUM						255	390	4.1	9.9	23.5	0.15	0.0	158	7.82	0.13
NO OF SAMPLES						3	10	10	10	10	10	10	10	10	10

(C O N T D)

STATION ID: 16-0184-051-02

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 51   LAT: LONG: U T M: 17 0535475.0 4829125.0 4   REGION: 02   MILEAGE: 129.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
16 01 78	1355			.3		1.0L	343.0	93.00	27.00	15	2.30	0.90	42	0.660	0.040L
18 04 78	1425			.3		1.0L	207.0	58.00	15.00	50	2.75	4.50	10	3.800	0.020L
16 05 78	1355			.3		1.0	206.0	51.00	19.00	25	2.70	6.00	14	0.14	0.02 L
19 06 78	1410			.3		1.0L	207.0	50.00	20.00	32	3.00	8.00	29	0.05	0.02 L
25 07 78	1335			.3		1.0L	252.0	62.00	23.50	105	3.30	9.60	48	1.200	0.040L
02 08 78	1055			.3		1.0L	242.0	60.00	22.50	31	3.10	9.20	23	0.410	0.040L
13 09 78	1353			.3		1.0L	212.0	48.00	22.50	34	3.55	9.00	25		0.020L
16 10 78	1215			.3		1.0L	247.0	62.00	22.50	40	4.30	9.40	31	0.640	0.020L
21 11 78	1340			.3		1. L	261.	65.	24.	39	3.95	11.	41	0.460	0.020L
11 12 78	1025			.3		1. L	277.	73.	23.	29	3.35	9.6	4	0.05 L	0.02 L
MAXIMUM						1.0	343.0	93.00	27.00	105	4.30	11.	48	3.800	0.040
AVG OR GEOM MN (*)						1.0D	245.4	62.20	21.90	40	3.23	7.72	27	0.823D	0.026D
MINIMUM						1.0	206.0	48.00	15.00	15	2.30	0.90	4	0.05	0.020
NO OF SAMPLES						10	10	10	10	10	10	10	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
16 01 78	1355			.3		0.030	0.030L	0.005L	0.010L	0.162	0.020L	0.020L
18 04 78	1425			.3		0.010L	0.030L	0.005L	0.010L	0.040	0.020L	0.020L
16 05 78	1355			.3		0.01 L	0.03 L	0.005L	0.01	0.034	0.02 L	0.03 L
19 06 78	1410			.3		0.01 L	0.03 L	0.005L	0.01 L	0.074	0.02 L	0.02 L
25 07 78	1335			.3		0.010	0.030	0.005L	0.020	0.920	0.020L	0.020L
02 08 78	1055			.3		0.010L	0.030L	0.005L	0.010L	0.094	0.020L	0.020L
13 09 78	1353			.3		0.010	0.030L	0.005L	0.010	0.290	0.020L	0.020L
16 10 78	1215			.3		0.010L	0.030L	0.005L	0.010	0.130	0.020L	0.020L
21 11 78	1340			.3		0.010L	0.030L	0.005L	0.010	0.106	0.020L	0.020L
11 12 78	1025			.3		0.01 L	0.03 L	0.005L	0.01 L	0.132	0.02 L	0.02 L
MAXIMUM						0.030	0.030	0.005	0.020	0.920	0.020	0.03
AVG OR GEOM MN (*)						0.012D	0.030D	0.005D	0.011D	0.198	0.020D	0.021D
MINIMUM						0.010	0.030	0.005	0.010	0.034	0.020	0.020
NO OF SAMPLES						10	10	10	10	10	10	10

STATION ID: 16-0184-052-02

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: AT COUNTY ROAD 19 FLORADALE
STATION TYPE: RIVER   FLOW GAUGE FED 02GA036

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 52   LAT: LONG: U T M: 17 0533890.0 4831150.0 4   REGION: 02   MILEAGE: 131.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
16 01 78	1330			.3		39019	4	0.57	700.	60.	530.	1.0	11.0	0.4	0.069
06 02 78	1055			.3		39084	4	0.32	600.	150.	1210.	1.0	11.0	1.0	0.081
14 03 78	1420			.3		39174	6	0.81	1500.	760.	2200.	2.0	10.0	0.8	0.093
18 04 78	1415			.3		39244	6	22.70	230.	10.	200.	7.0	10.2	0.4	0.104
16 05 78	1345			.3		39289	6	6.60	1010.	60.	100. L	11.0	10.8	0.8	0.072
19 06 78	1345			.3		39485	8 5	0.92	200.	70.	100.	20.0	8.7	1.5	0.095
25 07 78	1320			.3		39532	8	0.00	1900.	68.	56.	22.0	7.2	6.0	0.260
02 08 78	1105			.3		39558	8	0.00	1400.	20.	26.	21.0	7.8	3.4	0.099
13 09 78	1343			.3		39584	8	0.00	8700.	300. G	300. G	15.0	9.0	6.5	0.202
16 10 78	1235			.3		39649	6	0.53	4000.	200.	10.	8.0	10.9	1.5	0.144
21 11 78	1330			.3		39681	6	2.00	1700.	630.	1710.	3.5	11.6	1.8	0.156
11 12 78	1040			.3		39739	6	3.50	2560.	530.	1500. G	1.0	13.2	0.2	0.081
MAXIMUM								22.70	8700.	760.	2200.	22.0	13.2	6.5	0.260
AVG OR GEOM MN (*)								3.16	1228.*	119.* U	237.* E	9.4	10.1	2.0	0.121
MINIMUM								0.00	200.	10.	10.	1.0	7.2	0.2	0.069
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
16 01 78	1330			.3		0.047	0.236	0.530	0.014	4.240	4.490	0.294	4.784	398.0	8.9
06 02 78	1055			.3		0.063	0.390	0.660	0.018	3.950	4.358	0.270	4.628	398.0	2.6
14 03 78	1420			.3		0.064	0.670	1.070	0.020	3.750	4.440	0.400	4.840	387.0	4.4
18 04 78	1415			.3		0.047	0.188	0.780	0.023	5.640	5.851	0.592	6.443	327.0	24.0
16 05 78	1345			.3		0.025	0.052	0.660	0.046	5.100	5.198	0.608	5.806	381.0	13.0
19 06 78	1345			.3		0.039	0.080	0.660	0.100	3.400	3.580	0.580	4.160	362.0	8.0
25 07 78	1320			.3		0.034	0.394	1.670	0.125	1.850	2.369	1.276	3.645	386.0	17.0
02 08 78	1105			.3		0.004	0.104	1.040	0.094	1.950	2.148	0.936	3.084	408.0	9.7
13 09 78	1343			.3		0.007	0.216	1.660	0.098	1.580	1.894	1.444	3.338	376.0	37.0
16 10 78	1235			.3		0.008	0.085	1.000	0.042	2.910	3.037	0.915	3.952	410.0	26.0
21 11 78	1330			.3		0.048	0.076	0.92	0.041	3.61	3.727	0.844	4.571	382.	13.
11 12 78	1040			.3		0.067	0.140	0.58	0.023	5.08	5.243	0.440	5.683	405.	2.
MAXIMUM						0.067	0.670	1.670	0.125	5.640	5.851	1.444	6.443	410.0	37.0
AVG OR GEOM MN (*)						0.038	0.219	0.936	0.054	3.588	3.861	0.717	4.578	385.0	13.8
MINIMUM						0.004	0.052	0.530	0.014	1.580	1.894	0.270	3.084	327.0	2.
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
16 01 78	1330			.3		389	620	7.00	14.0	46.0					
06 02 78	1055			.3		395	625	6.60	14.5	52.0	3.90	8.2	264	7.79	0.230
14 03 78	1420			.3		383	615	4.10	15.0	57.0	3.65	5.2	248	8.00	0.260
18 04 78	1415			.3		303	455	14.00	10.5	27.0					
16 05 78	1345			.3		368	560	6.80	14.0	34.0					
19 06 78	1345			.3		354	550	2.70	14.0	53.0					
25 07 78	1320			.3		369	560	6.10	12.0	75.0					
02 08 78	1105			.3		398	540	4.20	12.5	70.0					
13 09 78	1343			.3		339	550	17.00	12.5	78.0					
16 10 78	1235			.3		384	600	9.60	17.0	68.0	1.45	0.0	241	8.14	0.740
21 11 78	1330			.3		369	600	8.0	19.						
11 12 78	1040			.3		403	630	2.9	20.	55.	3.50	3.0	245	8.17	0.16
MAXIMUM						403	630	17.00	20.	78.0	3.90	8.2	264	8.17	0.740
AVG OR GEOM MN (*)						371	575	7.42	14.6	55.9	3.13	4.1	250	8.03	0.348
MINIMUM						303	455	2.70	10.5	27.0	1.45	0.0	241	7.79	0.16
NO OF SAMPLES						12	12	12	12	11	4	4	4	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
16 01 78	1330			.3		1.0L									0.240
06 02 78	1055			.3		1.0	322.0	87.00	25.50	15	2.35	9.30	15		0.180
14 03 78	1420			.3		3.0	303.0	80.00	25.00	15	2.90	13.00	15		
18 04 78	1415			.3											1.600
16 05 78	1345			.3		1.0									0.05 L
19 06 78	1345			.3											0.05 L
25 07 78	1320			.3											0.610
02 08 78	1105			.3											0.060
16 10 78	1235			.3		1.0	298.0	78.00	25.00	37	3.40	10.10	20		0.450
21 11 78	1330			.3										0.001L	0.390
11 12 78	1040			.3		1. L	311.	84.	24.5	19	2.80	8.5	23		0.10
MAXIMUM						3.0	322.0	87.00	25.50	37	3.40	13.00	23	0.001	1.600
AVG OR GEOM MN (*)						1.3D	308.5	82.25	25.00	22	2.86	10.23	18	0.001D	0.373D
MINIMUM						1.0	298.0	78.00	24.5	15	2.35	8.5	15	0.001	0.05
NO OF SAMPLES						6	4	4	4	4	4	4	4	1	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
16 01 78	1330			.3		0.040L	0.010L	0.030L	0.005L	0.010L		0.020L	0.020L
06 02 78	1055			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.038	0.020L	0.020L
14 03 78	1420			.3							0.051		
18 04 78	1415			.3		0.020L	0.010L	0.030L	0.005L	0.010L		0.020L	0.020L
16 05 78	1345			.3		0.02 L	0.02	0.03 L	0.005L	0.01 L		0.02 L	0.03 L
19 06 78	1345			.3		0.02 L	0.01 L	0.03 L	0.005L	0.01 L		0.02 L	0.02 L
25 07 78	1320			.3		0.040L	0.020	0.030L	0.005L	0.040		0.020L	0.020L
02 08 78	1105			.3		0.040L	0.010L	0.030L	0.005L	0.010L		0.020L	0.020L
13 09 78	1343			.3		0.020L	0.010	0.030L	0.005L	0.010		0.020L	0.020L
16 10 78	1235			.3		0.020L	0.010L	0.030L	0.005L	0.020	0.084	0.020L	0.020L
21 11 78	1330			.3		0.020L	0.020	0.030L	0.005L	0.060		0.020L	0.020L
11 12 78	1040			.3		0.02 L	0.01 L	0.03 L	0.005L	0.01	0.052	0.02 L	0.02 L
MAXIMUM						0.040	0.02	0.030	0.005	0.060	0.084	0.020	0.03
AVG OR GEOM MN (*)						0.025D	0.013D	0.030D	0.005D	0.018D	0.056	0.020D	0.021D
MINIMUM						0.020	0.010	0.030	0.005	0.010	0.038	0.020	0.020
NO OF SAMPLES						11	11	11	11	11	4	11	11

B.O.W./ SITE: CANAGAGIGUE CREEK PLUARG STATION ID: 16-0184-053-02
SAMPLE POINT: WATERLOO-WELLINGTON COUNTY LINE AG-4
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: GRAND RIVER 0150

STN NO: 53 LAT: LONG: U T M: 17 0533100.0 4834575.0 4 REGION: 02 MILEAGE: 132.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
02 04 78	1200			.3		46000	2 3 0	0.0		0.338	0.145	0.520	1.380	0.860	6.760
03 04 78	1355			.3		46003	2 3 0	0.3		0.172	0.105	0.302	0.860	0.558	2.240
05 04 78	1540			.3		46011	2 4 0	0.2		0.650	0.094	0.284	2.000	1.716	7.380
				.3		46012	2 3 0	0.2		0.570	0.094	0.290	1.940	1.650	7.440
06 04 78	1230			.3		46013	2 4 0	0.3		0.276	0.078	0.240	1.140	0.900	7.090
				.3		46014	2 3 0	0.3		0.238	0.078	0.240	0.980	0.740	6.980
07 04 78	1340			.3		46019	2 4 0	0.2		0.640	0.083	0.242	2.200	1.958	7.100
				.3		46020	2 3 0	0.2		0.530	0.087	0.230	1.850	1.620	6.850
	1830			.3		46024	2 4 0			0.920	0.094	0.150	3.100	2.950	5.450
	2130			.3		46023	2 4 0			0.740	0.089	0.214	2.700	2.486	6.800
09 04 78	1625			.3		46021	2 4 0	1.0		0.320	0.075	0.186	1.350	1.164	6.550
				.3		46022	2 3 0	1.0		0.270	0.065	0.186	1.120	0.934	6.270
11 04 78	1030			.3		46030	2 4 0			0.590	0.125	0.226	0.840	0.614	3.840
	1610			.3		46028	2 3 0	3.0		0.695	0.110	0.226	2.300	2.074	5.400
12 04 78	1115			.3		46031	2 4 0	2.8		0.196	0.078	0.174	0.880	0.706	4.910
				.3		46032	2 3 0	2.8		0.180	0.079	0.176	0.840	0.664	4.690
	1615			.3		46036	2 4 0			0.475	0.098	0.170	1.380	1.210	4.810
	1900			.3		46037	2 4 0			0.750	0.110	0.180	2.380	2.200	5.230
14 04 78	1410			.3		46043	2 3 0	3.7		0.068	0.040	0.142	0.740	0.598	5.370
17 04 78	1155			.3		46046	2 4 0	5.0		0.112	0.034	0.142	0.660	0.518	5.310
				.3		46047	2 3 0	5.0		0.065	0.031	0.146	0.530	0.384	4.980
19 04 78	1310			.3		46054	2 4 0	5.3		0.260	0.082	0.004	1.360	1.356	1.665
				.3		46055	2 3 0	5.3		0.256	0.084	0.004	1.240	1.236	1.545
11 05 78	1210			.3		46056	2 3 0	13.0		0.039	0.006	0.066	0.810	0.744	2.360
01 06 78	1250			.3		46070	2 3 0	24.0		0.050	0.002	0.152	1.110	0.958	1.670
20 06 78	1105			.3		46074	2 3 0	20.7	2.6	0.094	0.005	0.730	2.240	1.510	4.070
17 10 78	1325			.3		46378	2 3 0	7.5	1.0	0.040	0.002	0.026	0.910	0.884	1.730
MAXIMUM								24.0	2.6	0.920	0.145	0.730	3.100	2.950	7.440
AVG OR GEOM MN (*)								4.6	1.8	0.353	0.073	0.209	1.439	1.229	4.981
MINIMUM								0.0	1.0	0.039	0.002	0.004	0.530	0.384	1.545
NO OF SAMPLES								22	2	27	27	27	27	27	27

(C O N T D)

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: WATERLOO-WELLINGTON COUNTY LINE AG-4
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-053-02

STORET CODE: 02
003
0150

STN NO: 53 LAT: LONG: U T M: 17 0533100.0 4834575.0 4 REGION: 02 MILEAGE: 132.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	47 ORGANIC C AS C MG/L
02 04 78	1200			.3		5.380	140.0	380	47.00		3.600	
03 04 78	1355			.3		1.380	52.0	435	17.00		1.600	
05 04 78	1540			.3		5.380	387.0	360	140.00		18.000	4.4
				.3		5.500	334.0	355	110.00		7.600	3.9
06 04 78	1230			.3		5.950	159.0	380	61.00			3.9
				.3		6.000	141.0	380	57.00			3.9
07 04 78	1340			.3		4.900	503.0	325	150.00		12.750	3.6
				.3		5.000	535.0	325	130.00		12.000	3.5
	1830			.3		2.350	941.0	300	220.00		23.000	4.2
	2130			.3		4.100	541.0	270	180.00		22.000	4.0
09 04 78	1625			.3		5.200	184.0	365	73.00		5.750	3.7
				.3		5.150	183.0	365	73.00		3.150	3.5
11 04 78	1030			.3		3.000	257.0	240	140.00		11.000	4.6
	1610			.3		3.100	482.0	235	160.00		15.000	4.7
12 04 78	1115			.3		4.030	115.0	300	57.00		3.600	4.2
				.3		3.850	71.0	305	48.00		2.600	4.0
	1615			.3		3.430	344.0	265	160.00		17.000	4.4
	1900			.3		2.850	502.0	235	190.00		20.500	5.0
14 04 78	1410			.3		4.630	17.0	370	13.00		0.860	3.8
17 04 78	1155			.3		4.650	34.0	420	8.80			3.8
				.3		4.450	7.3	420	5.40			3.8
19 04 78	1310			.3		0.305	72.0	355	49.00		4.000	5.6
				.3		0.305	60.0	355	47.00		3.700	5.4
11 05 78	1210			.3		1.550	3.5	465	3.10		0.160	8.4
01 06 78	1250			.3		0.560	5.9	460	2.90		0.150	9.0
20 06 78	1105			.3		1.830	18.0	485		15.0		9.0
17 10 78	1325			.3		0.820	3.9	520		19.0		9.0
MAXIMUM						6.000	941.0	520	220.00	19.0	23.000	9.0
AVG OR GEOM MN (*)						3.543	225.7	358	85.69	17.0	8.953	4.9
MINIMUM						0.305	3.5	235	2.90	15.0	0.150	3.5
NO OF SAMPLES						27	27	27	25	2	21	25

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: CONC ROAD NO 13 NW OF MARSVILLE GR-3
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-067-02

STORET CODE: 02
003
0150

STN NO: 67 LAT: LONG: U T M: 17 0558450.0 4856600.0 4 REGION: 02 MILEAGE: 151.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 04 78	1145			.3		39238	3	1760.	2.	22.	6.0	10.0	0.4	0.025	0.015
24 04 78	1050			.3		39255	6	14000.	8.	8.	7.0	10.8	0.2	0.025	0.010
03 05 78	1150			.3		39261	6	100. L	4. L	4. L	9.0	11.0	1.4	0.018	0.003
08 05 78	1130			.3		39270	6	130.	4.	4. L	9.0	11.2	0.2	0.013	0.002
16 05 78	1130			.3		39351	6	332.	2.	274.	10.0	11.0	0.8	0.032	0.002
23 05 78	1530			.3		39352	6	400.	6.	2. L	20.0	11.5	1.2	0.024	0.005
29 05 78	1115			.3		39354	6	32.	8.	4. L	22.0	8.9	1.8	0.025	0.003
05 06 78	1130			.3		39356	6	108.	46.	8.	15.0	9.7	0.8	0.020	0.003
12 06 78	1135			.3		39358	5 9	60.	4. L	4. L	21.0	11.6	0.6	0.021	0.001
19 06 78	1125			.3		39360	9 5	292.	18.	2.	18.5	10.8	1.2	0.021	0.001
20 06 78	1345			.3		39495	7	110.	8.	4.	23.0	11.4	1.0	0.023	0.001
26 06 78	1450			.3		39362	5 9	40.	40.	26.	24.0	10.8	0.6	0.020	0.002
04 07 78	1203			.3		39364	5 9	200.	6.	4.	18.0	7.9	1.6	0.024	0.001L
10 07 78	1310			.3		39366	5 9	100.	4.	6.	21.5	9.2	1.0	0.021	0.001L
17 07 78	1325			.3		39368	5 9	10. L	6.	6.	23.0	9.5	1.0	0.054	0.013
24 07 78	1330			.3		39370	5 9	200.	2.	106.	23.0	9.6	5.0	0.025	0.001
31 07 78	1335			.3		39372	9				23.0	10.1	1.4	0.023	0.001L
08 08 78	1140			.3		39374	9	20.	12.	2.	21.5	7.7	0.5	0.020	0.001
14 08 78	1205			.3		39376	6 8	4400.	4.	4. L	24.0	9.0	0.8	0.017	0.002
21 08 78	1210			.3		39378	8	10. L	2.	10.	19.0	10.0	0.2	0.016	0.001
28 08 78	1210			.3		39380	8	530.	92.	108.	18.0	7.8	0.8	0.020	0.001
05 09 78	1203			.3		39382	8	30.	32.	12.	19.0	9.0	0.4	0.015	0.002
11 09 78	1233			.3		39384	8				19.3	9.8	0.4	0.016	0.001
18 09 78	1245			.3		39386	8	270.	36.	124.	12.0	11.0	0.4	0.014	0.002
25 09 78	1213			.3		39388	8	310.	32.	4. L	12.5	11.4	0.4	0.014	0.001
02 10 78	1445			.3		39390	8	150.	40.	20.	14.0	12.2	0.4	0.010	0.001
10 10 78	1212			.3		39392	8	300.	28.	36.	11.0	11.4	0.2	0.007	0.001
16 10 78	1220			.3		39394	8	60.	8.	4.	8.5	11.6	0.2	0.008	0.001
23 10 78	1145			.3		39396	8	360.	112.	8.	9.0	11.2	1.0	0.008	0.001
30 10 78	1240			.3		39398	8	100.	8.	6.	7.3	12.4	0.4	0.009	0.001
21 11 78	1115			.3		39674	6	500.	28.	16.	1.0	13.2	0.6	0.015	0.001L
11 12 78	1350			.3		39732	6	700.	136.	276.	0.5	12.6	0.2	0.015	0.001
MAXIMUM								14000.	136.	276.	24.0	13.2	5.0	0.054	0.015
AVG OR GEOM MN (*)								175.* D	12.* D	11.* D	15.3	10.5	0.8	0.019	0.003D
MINIMUM								10.	2.	2.	0.5	7.7	0.2	0.007	0.001
NO OF SAMPLES								30	30	30	32	32	32	32	32

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 04 78	1145			.3		0.064	0.390	0.010	0.850	0.924	0.326	1.250	234.0	8.4	
24 04 78	1050			.3		0.032	0.580	0.010	0.845	0.887	0.548	1.435	249.0	3.1	
03 05 78	1150			.3		0.016	0.570	0.009	0.535	0.560	0.554	1.114	261.0	1.4	
08 05 78	1130			.3		0.022	0.610	0.008	0.605	0.635	0.588	1.223	276.0	1.8	274
16 05 78	1130			.3		0.024	0.900	0.010	0.655	0.689	0.876	1.565	276.0	6.0	270
23 05 78	1530			.3		0.046	0.820	0.008	0.165	0.219	0.774	0.993	261.0	3.2	
29 05 78	1115			.3		0.054	0.88	0.009	0.140	0.203	0.826	1.029	279.	2.7	
05 06 78	1130			.3		0.044	0.760	0.006	0.140	0.190	0.716	0.906	256.0	2.9	
12 06 78	1135			.3		0.036	0.770	0.004	0.065	0.105	0.734	0.839	232.0	4.1	
19 06 78	1125			.3		0.020	0.750	0.004	0.070	0.094	0.730	0.824	262.0	2.3	
20 06 78	1345			.3		0.020	0.920	0.002	0.015	0.037	0.900	0.937	255.0	2.2	
26 06 78	1450			.3		0.014	0.680	0.003	0.010	0.027	0.666	0.693	189.0	3.6	
04 07 78	1203			.3		0.026	0.900	0.002	0.010	0.038	0.874	0.912	172.0	6.0	
10 07 78	1310			.3		0.030	0.710	0.002	0.010	0.042	0.680	0.722	141.0	4.8	
17 07 78	1325			.3		0.054	1.470	0.002	0.028	0.084	1.416	1.500	135.0	8.5	
24 07 78	1330			.3		0.014	0.730	0.004	0.016	0.034	0.716	0.750	134.0	4.3	
31 07 78	1335			.3		0.034	0.810	0.002	0.008	0.044	0.776	0.820	131.0	3.6	
08 08 78	1140			.3		0.024	0.620	0.003	0.005L	0.032	0.596	0.628	133.0	3.2	
14 08 78	1205			.3		0.026	0.640	0.002	0.005L	0.033	0.614	0.647	130.0	3.3	
21 08 78	1210			.3		0.032	0.520	0.003	0.005L	0.040	0.488	0.528	157.0	2.0	
28 08 78	1210			.3		0.024	0.680	0.002	0.010	0.036	0.656	0.692	152.0	2.1	
05 09 78	1203			.3		0.026	0.270	0.003	0.010	0.039	0.244	0.283	160.0	1.2	
11 09 78	1233			.3		0.008	0.620	0.001	0.005	0.014	0.612	0.626	191.0	19.0	
18 09 78	1245			.3		0.010	0.670	0.002	0.015	0.027	0.660	0.687	234.0	2.7	
25 09 78	1213			.3		0.008	0.880	0.008	0.445	0.461	0.872	1.333	350.0	2.5	
02 10 78	1445			.3		0.006	0.800	0.003	0.015	0.024	0.794	0.818	272.0	1.8	
10 10 78	1212			.3		0.024	0.700	0.006	0.360	0.390	0.676	1.066	345.0	0.6	
16 10 78	1220			.3		0.006	0.690	0.003	0.070	0.079	0.684	0.763	336.0	0.5	335
23 10 78	1145			.3		0.006	0.530	0.002	0.070	0.078	0.524	0.602	277.0	0.6	276
30 10 78	1240			.3		0.007	0.710	0.004	0.105	0.116	0.703	0.819	366.0	0.7	365
21 11 78	1115			.3		0.011	0.770	0.004	0.410	0.425	0.759	1.184	355.0	3.0	352
11 12 78	1350			.3		0.016	0.670	0.005	0.565	0.586	0.654	1.240	356.0	3.0	353
MAXIMUM						0.064	1.470	0.010	0.850	0.924	1.416	1.565	366.0	19.0	365
AVG OR GEOM MN (*)						0.025	0.719	0.005	0.196D	0.225	0.695	0.920	236.2	3.6	318
MINIMUM						0.006	0.270	0.001	0.005	0.014	0.244	0.283	130.0	0.5	270
NO OF SAMPLES						32	32	32	32	32	32	32	32	32	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L
18 04 78	1145			.3		226	350	4.40	5.3	13.5					
24 04 78	1050			.3		246	380	2.10	6.7						
03 05 78	1150			.3		260	400	1.30	8.1						
08 05 78	1130			.3			430	1.00	10.5	20.5					
16 05 78	1130			.3			415	2.90	7.7	18.5					
23 05 78	1530			.3			397	1.60	7.9	15.5					
29 05 78	1115			.3			425	1.1	9.1	15.0					
05 06 78	1130			.3			390	1.40	8.7	15.0					
12 06 78	1135			.3			350	1.40	9.2	17.0					
19 06 78	1125			.3			400	1.50	9.6	20.0					
20 06 78	1345			.3		253	390	2.00	9.9	18.5					
26 06 78	1450			.3			285	1.90	4.8	9.5					
04 07 78	1203			.3			255	2.90	4.1	9.0					
10 07 78	1310			.3			210	3.90	2.8	6.5					
17 07 78	1325			.3			195	3.00	3.3	6.0					
24 07 78	1330			.3			200	3.70	3.5	7.5					
31 07 78	1335			.3			195	2.20	4.3	9.0					
08 08 78	1140			.3			200	1.90	4.5	9.0					
14 08 78	1205			.3			195	2.40	4.9	9.0					
21 08 78	1210			.3			230	1.60	5.5	11.0					
28 08 78	1210			.3			230	3.20	6.7	13.0					
05 09 78	1203			.3			245	1.50	8.0	17.5					
11 09 78	1233			.3			265	1.20	7.5	16.5					
18 09 78	1245			.3			355	1.60	16.0	32.0					
25 09 78	1213			.3			475	1.40	9.7	80.0					
02 10 78	1445			.3			415	1.10	9.3	52.0					
10 10 78	1212			.3			520	1.10	9.9		0.0	224	8.40	0.120	270.0
16 10 78	1220			.3			460	1.30	9.7	48.0					
23 10 78	1145			.3			440	1.10	10.0						
30 10 78	1240			.3			520	1.90	14.5						
21 11 78	1115			.3			520	1.60	10.5	51.0					
11 12 78	1350			.3			540	1.90	11.0						
MAXIMUM						260	540	4.40	16.0	80.0	0.0	224	8.40	0.120	270.0
AVG OR GEOM MN (*)						246	352	1.97	7.9	20.8	0.0	224	8.40	0.120	270.0
MINIMUM						226	195	1.00	2.8	6.0	0.0	224	8.40	0.120	270.0
NO OF SAMPLES						4	32	32	32	26	1	1	1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L
16 05 78	1130			.3					13.	31
23 05 78	1530			.3					15.	45
29 05 78	1115			.3					12.6	37
05 06 78	1130			.3					12.	59
12 06 78	1135			.3					11.	31
19 06 78	1125			.3					11.1	21
20 06 78	1345			.3					11.1	21
26 06 78	1450			.3					10.	32
04 07 78	1203			.3					8.8	33
10 07 78	1310			.3					9.	19
17 07 78	1325			.3					10.4	28
24 07 78	1330			.3					9.6	48
31 07 78	1335			.3					9.1	26
08 08 78	1140			.3					7.2	27
14 08 78	1205			.3					7.0	39
21 08 78	1210			.3					8.	45
28 08 78	1210			.3					7.5	40
05 09 78	1203			.3					7.5	35
11 09 78	1233			.3					7.4	42
18 09 78	1245			.3					8.4	30
25 09 78	1213			.3					15.0	44
02 10 78	1445			.3					13.5	38
10 10 78	1212			.3		76.00	19.50	67	13.5	38
16 10 78	1220			.3					14.	50
23 10 78	1145			.3					14.	50
30 10 78	1240			.3					14.	50
21 11 78	1115			.3					14.	50
11 12 78	1350			.3					14.	50

(C O N T D)

PLUARG

STATION ID: 16-0184-067-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: CONC ROAD NO 13 NW OF MARSVILLE GR-3
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 67 LAT: LONG: U T M: 17 0558450.0 4856600.0 4 REGION: 02 MILEAGE: 151.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	47 ORGANIC C AS C MG/L	41 COD MG/L
MAXIMUM						76.00	19.50	67	15.	59
AVG OR GEOM MN (*)						76.00	19.50	67	11.0	38
MINIMUM						76.00	19.50	67	7.0	19
NO OF SAMPLES						1	1	1	28	28

PLUARG

STATION ID: 16-0184-069-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGE WEST OF WINTERBOURNE UL-21
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 69 LAT: LONG: U T M: 17 0542300.0 4822875.0 4 REGION: 02 MILEAGE: 122.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
03 04 78	1040			.3		46825	2 3 0	0.0		0.176	0.063	0.290	1.040	0.750	5.190
04 04 78	0820			.3		46828	2 3 0	1.6		0.134	0.049	0.230	0.920	0.690	4.790
05 04 78	0820			.3		46831	2 3 0	2.0		0.190	0.072	0.250	1.020	0.770	1.455
06 04 78	0805			.3		46834	2 3 0	2.0		0.152	0.064	0.216	0.920	0.704	4.920
	1440			.3		46837	2 3 0	2.5		0.144	0.059	0.200	0.900	0.700	5.150
07 04 78	0845			.3		46838	2 3 0	2.0		0.240	0.089	0.268	1.380	1.112	5.280
12 04 78	1220			.3		46033	2 3 0	3.0		0.170	0.058	0.172	0.900	0.728	3.230
13 04 78	1315			.3		46038	2 3 0	3.0		0.332	0.035	0.144	1.500	1.356	3.380
14 04 78	1450			.3		46044	2 3 0	2.5		0.110	0.023	0.128	0.940	0.812	2.440
17 04 78	1255			.3		46048	2 3 0	5.0		0.058	0.025	0.122	0.610	0.488	2.410
11 05 78	1310			.3		46057	2 3 0	13.0		0.033	0.001	0.006	0.610	0.604	2.810
01 06 78	1200			.3		46069	2 3 0	20.0		0.022	0.003	0.038	0.630	0.592	1.680
18 07 78	1125			.3		46090	2 3 0	22.0	0.5	0.040	0.001	0.016	0.740	0.724	1.495
11 09 78	1410			.3		46191	2 3 0	23.0	0.2	0.039	0.003	0.010	0.630	0.620	1.080
18 09 78	1600			.3		46850	2 4 0		1.2	0.089	0.008	0.036	0.760	0.724	1.595
17 10 78	1415			.3		46379	2 3 0	9.0	0.6	0.035	0.002	0.004	0.840	0.836	1.790
23 10 78	1530			.3		46385	2 3 0	11.0	0.4	0.032	0.003	0.006	0.660	0.654	1.430
MAXIMUM								23.0	1.2	0.332	0.089	0.290	1.500	1.356	5.280
AVG OR GEOM MN (*)								7.6	0.6	0.117	0.033	0.126	0.882	0.757	2.949
MINIMUM								0.0	0.2	0.022	0.001	0.004	0.610	0.488	1.080
NO OF SAMPLES								16	5	17	17	17	17	17	17

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
03 04 78	1040			.3		4.150	51.0	415	15.00		1.500	1.0L	5.4		0.110
04 04 78	0820			.3		3.870	45.0	434	13.00		1.300	1.0L	5.6		0.050L
05 04 78	0820			.3		0.435	57.0	425	20.00		1.900	1.0L	5.3		0.050
06 04 78	0805			.3		4.000	45.0	410	12.00		1.200	2.0	5.2		0.070
	1440			.3		4.250	50.0	420	12.00		1.300	1.0	5.6		0.250
07 04 78	0845			.3		3.900	99.0	385	39.00		3.350	1.0L	4.7		0.080
12 04 78	1220			.3		2.330	90.0	330	62.00		4.050	1.0L	5.3		
13 04 78	1315			.3		1.880	244.0	340	69.00		6.750	1.0L	6.0	0.002	0.080
14 04 78	1450			.3		1.500	53.0	325	21.00		1.200	1.0L	5.7		
17 04 78	1255			.3		1.800	12.0	350	9.50			1.0L	5.7		
11 05 78	1310			.3		2.200	3.3	480	1.80		0.080		6.2		
01 06 78	1200			.3		1.050	3.7	430	1.20		0.040		6.6		
18 07 78	1125			.3		0.755	11.0	435		19.0					
11 09 78	1410			.3		0.450	5.6	390		19.5					
18 09 78	1600			.3		0.835	9.3	410		16.0					
17 10 78	1415			.3		0.950	2.4	460		20.5					
23 10 78	1530			.3		0.770	3.5	430		17.0					
MAXIMUM						4.250	244.0	480	69.00	20.5	6.750	2.0	6.6	0.002	0.250
AVG OR GEOM MN (*)						2.066	46.2	404	22.96	18.4	2.061	1.1D	5.6	0.002	0.099D
MINIMUM						0.435	2.4	325	1.20	16.0	0.040	1.0	4.7	0.002	0.050
NO OF SAMPLES						17	17	17	12	5	11	10	12	1	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
03 04 78	1040			.3			0.003	0.030L	0.001L	0.012	
04 04 78	0820			.3			0.002	0.003L	0.001L	0.012	
05 04 78	0820			.3			0.004	0.003L	0.001L	0.014	
06 04 78	0805			.3			0.003	0.003L	0.001L	0.095	
	1440			.3			0.004	0.003L	0.001L	0.010	
07 04 78	0845			.3			0.006	0.003L	0.001L	0.024	
12 04 78	1220			.3			0.006	0.006L	0.001L	0.034	
13 04 78	1315			.3		0.004	0.009	0.006	0.001L	0.052	0.006
14 04 78	1450			.3			0.004	0.003L	0.001L	0.016	
17 04 78	1255			.3			0.004	0.003L	0.001L	0.016	
01 06 78	1200			.3				0.003L			
18 07 78	1125			.3				0.004L			
11 09 78	1410			.3				0.010L		0.008	
18 09 78	1600			.3				0.006L		0.008	
17 10 78	1415			.3				0.003L		0.006	
23 10 78	1530			.3				0.003L		0.010	
MAXIMUM						0.004	0.009	0.030	0.001	0.095	0.006
AVG OR GEOM MN (*)						0.004	0.005	0.006D	0.001D	0.023	0.006
MINIMUM						0.004	0.002	0.003	0.001	0.006	0.006
NO OF SAMPLES						1	10	16	10	14	1

B.O.W./ SITE: GRAND RIVER　　PLUARG　　STATION ID: 16-0184-076-02
SAMPLE POINT: MOUNT PLEASANT ST BRIDGE IN BRANTFORD GR-11
STATION TYPE: RIVER　　MAJOR BASIN: GREAT LAKES　　STORET CODE: 02
MINOR BASIN: LAKE ERIE　　003
TERM STREAM: GRAND RIVER　　0150

STN NO: 76　LAT:　LONG:　U T M: 17 0559600.0 4775640.0 4　REGION: 02　MILEAGE: 56.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 . WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
03 04 78 1535			.3		46827	2 3 0	0.0		0.358	0.065	0.326	1.440	1.114	2.920
04 04 78 1150			.3		46830	2 3 0	2.2		0.176	0.072	0.352	1.020	0.668	4.520
05 04 78 1130			.3		46833	2 3 0	5.0		0.194	0.063	0.294	1.100	0.806	1.445
06 04 78 1105			.3		46836	2 3 0	3.5		0.304	0.072	0.274	1.420	1.146	4.920
07 04 78 1055			.3		46840	2 3 0	3.5		0.286	0.067	0.254	1.260	1.006	4.660
12 04 78 1540			.3		46035	2 3 0	5.0		0.450	0.098	0.238	1.640	1.402	4.340
13 04 78 1605			.3		46040	2 3 0	6.0		0.280	0.076	0.174	1.100	0.926	3.680
17 04 78 1555			.3		46050	2 3 0	7.5		0.073	0.034	0.144	0.630	0.486	3.030
02 05 78 1030			.3		47200	2 3 0	9.0		0.022	0.005	0.002	0.570	0.568	2.870
03 05 78 1030			.3		47201	2 3 0	0.0		0.025	0.003	0.002	0.540	0.538	2.790
04 05 78 0930			.3		47202	2 3 0	0.0		0.024	0.003	0.010	0.560	0.550	2.890
05 05 78 0920			.3		47203	2 3 0	0.1		0.022	0.001	0.002	0.600	0.598	2.980
08 05 78 1010			.3		47204	2 3 0	0.0		0.025	0.002	0.014	0.500	0.486	3.030
09 05 78 0945			.3		47205	2 3 0	0.1		0.028	0.002	0.014	0.490	0.476	3.040
10 05 78 1015			.3		47206	2 3 0	0.0		0.029	0.002	0.010	0.540	0.530	2.920
11 05 78 1005			.3		47207	2 3 0	0.0		0.028	0.002	0.026	0.530	0.504	2.680
12 05 78 1105			.3		47208	2 3 0	2.0		0.031	0.001	0.014	0.590	0.576	2.770
15 05 78 1135			.3		47209	2 3 0	1.0		0.171	0.008	0.042	1.170	1.128	3.350
16 05 78 1150			.3		47210	2 3 0	3.0		0.099	0.004	0.016	0.980	0.964	3.280
17 05 78 1000			.3		47211	2 3 0	3.0		0.080	0.002	0.006	0.800	0.794	2.700
18 05 78 1125			.3		47212	2 3 0	4.0		0.057	0.001	0.010	0.760	0.750	2.640
19 05 78 1110			.3		47213	2 3 0	5.0		0.029	0.001	0.018	0.580	0.562	2.530
22 05 78 1010			.3		47214	2 3 0	5.0		0.044	0.001	0.016	0.620	0.604	2.400
23 05 78 1045			.3		47215	2 3 0	5.0		0.036	0.001	0.026	0.650	0.624	2.550
26 05 78 1330			.3		47218	2 3 0	10.0			0.002	0.040			
29 05 78 1400			.3		47219	2 3 0	11.0		0.027	0.002	0.028	0.640	0.612	1.940
30 05 78 1400			.3		47220	2 3 0	11.0		0.038	0.001	0.032	0.640	0.608	2.020
31 05 78 1300			.3		47221	2 3 0	8.0		0.043	0.002	0.026	0.730	0.704	2.430
01 06 78 1015			.3		47222	2 3 0	9.0		0.045	0.002	0.044	0.730	0.686	2.460
02 06 78 1200			.3		47223	2 3 0	9.0		0.044	0.003	0.038	0.710	0.672	2.340
05 06 78 0900			.3		47224	2 3 0	11.0		0.054	0.011	0.048	0.640	0.592	2.520
06 06 78 1100			.3		47225	2 3 0	14.0		0.051	0.011	0.032	0.620	0.588	2.500
07 06 78 1050			.3		47226	2 3 0	16.0		0.047	0.012	0.052	0.640	0.588	2.720
08 06 78 1050			.3		47227	2 3 0	18.0		0.053	0.015	0.086	0.640	0.554	2.790
09 06 78 1150			.3		47228	2 3 0	18.0		0.053	0.020	0.048	0.610	0.562	2.690
12 06 78 1600			.3		47229	2 3 0	20.0	1.4	0.059	0.022	0.058	0.590	0.532	
13 06 78 1100			.3		47230	2 3 0	15.0	2.0	0.074	0.025	0.086	0.700	0.614	2.450
14 06 78 1450			.3		47231	2 3 0	19.0	1.6	0.062	0.020	0.032	0.620	0.588	2.820
15 06 78 1150			.3		47232	2 3 0	17.0	1.4	0.063	0.020	0.064	0.560	0.496	2.590
16 06 78 1500			.3		47233	2 3 0	20.0	1.0	0.070	0.013	0.054	0.650	0.596	2.680
19 06 78 1550			.3		47234	2 3 0	21.0	1.5	0.061	0.002	0.016	0.550	0.534	1.250
20 06 78 1150			.3		47235	2 3 0	22.0	1.8	0.068	0.002	0.054	0.610	0.556	0.900
21 06 78 1100			.3		47236	2 3 0	21.0	1.8	0.069	0.002	0.112	0.630	0.518	0.915
22 06 78 1200			.3		47237	2 3 0	21.0	0.4	0.081	0.002	0.020	0.720	0.700	2.350
23 06 78 1100			.3		47238	2 3 0	21.0		0.086	0.002	0.008	0.800	0.792	2.330
26 06 78 1000			.3		47239	2 3 0	22.0	1.4	0.067	0.002	0.032	0.720	0.688	1.870
27 06 78 1050			.3		47240	2 3 0	24.0	1.6	0.066	0.002	0.024	0.710	0.686	1.810
28 05 78 1450			.3		47241	2 3 0	23.0	2.8	0.073	0.001	0.006	0.800	0.794	2.130
29 06 78 0900			.3		47242	2 3 0	22.0	2.2	0.070	0.002	0.052	0.790	0.738	2.020
30 06 78 0950			.3		47243	2 3 0	20.0	1.8	0.066	0.002	0.002	0.790	0.788	1.160
03 07 78 1200			.3		47244	2 3 0	18.0	1.4	0.068	0.006	0.024	0.680	0.656	1.730
04 07 78 1150			.3		47245	2 3 0	18.0	1.0	0.074	0.004	0.040	0.730	0.690	2.030
05 07 78 1150			.3		47246	2 3 0	24.0	1.2	0.068	0.006	0.010	0.530	0.520	2.230
06 07 78 1050			.3		47247	2 3 0	25.0	1.0	0.060	0.011	0.058	0.620	0.562	2.250
07 07 78 1000			.3		47248	2 3 0	25.0	1.4	0.053	0.008	0.052	0.600	0.548	2.200
10 07 78 1100			.3		47249	2 3 0	21.0	2.0	0.076	0.002	0.016	0.680	0.664	1.730
11 07 78 1150			.3		47250	2 3 0	21.0	1.8	0.069	0.001	0.006	0.660	0.654	1.690
12 07 78 1100			.3		47251	2 3 0	20.0	1.6	0.075	0.001	0.008	0.700	0.692	1.850
13 07 78 1100			.3		47252	2 3 0	20.0		0.042	0.001	0.030	0.600	0.570	1.850
14 07 78 1045			.3		47253	2 3 0	22.0		0.046	0.002	0.034	0.680	0.646	0.800
17 07 78 1300			.3		47254	2 3 0	24.0	2.0	0.064	0.004	0.016	0.740	0.724	1.770
18 07 78 1200			.3		47255	2 3 0	24.0	2.0	0.060	0.007	0.014	0.690	0.676	1.640
19 07 78 1250			.3		47256	2 3 0	25.0	2.0	0.058	0.004	0.006	0.750	0.744	1.800
20 07 78 1050			.3		47257	2 3 0	26.0		0.064	0.002	0.034	0.710	0.676	1.860
21 07 78 1100			.3		47258	2 3 0	25.0		0.057	0.002	0.028	0.780	0.752	1.830
24 07 78 1150			.3		47259	2 3 0	24.0	1.4	0.072	0.001	0.010	0.810	0.800	1.860
25 07 78 1350			.3		47260	2 3 0	25.0	1.6	0.067	0.001	0.004	0.740	0.736	1.770
26 07 78 1200			.3		47261	2 3 0	24.0	1.8	0.059	0.001	0.012	0.630	0.618	1.860
27 07 78 1250			.3		47262	2 3 0	24.0	0.8	0.069	0.003	0.020	0.640	0.620	0.920
28 07 78 1200			.3		47263	2 3 0	21.0	1.4	0.082	0.004	0.020	0.650	0.630	0.930
31 07 78 1000			.3		47264	2 3 0	21.0	0.8	0.067	0.007	0.014	0.650	0.636	2.150
01 08 78 1400			.3		47265	2 3 0	23.0	1.0	0.054	0.002	0.006	0.540	0.534	1.870
02 08 78 1100			.3		47266	2 3 0	23.0	0.8	0.051	0.003	0.006	0.580	0.574	2.060
03 08 78 1200			.3		47267	2 3 0	23.0	0.6	0.052	0.005	0.046	0.570	0.524	2.150
04 08 78 1250			.3		47268	2 3 0	21.0	0.8	0.054	0.014	0.062	0.580	0.518	2.080
07 08 78 1350			.3		47269	2 3 0	21.0	1.2	0.290	0.002	0.030	3.100	3.070	5.750
08 08 78 1300			.3		47270	2 3 0	23.0	0.6	0.052	0.002	0.016	0.600	0.584	1.800
09 08 78 1100			.3		47271	2 3 0	23.0	0.8	0.066	0.003	0.040	0.690	0.650	2.020
10 08 78 1150			.3		47272	2 3 0	23.0	1.0	0.055	0.002	0.006	0.550	0 544	1.980
11 08 78 1200			.3		47273	2 3 0	22.0	1.0	0.063	0.004	0.010	0.560	0.550	2.040
14 08 78 1250			.3		47274	2 3 0	25.0	0.4	0.051	0.005	0.050	0.640	0.590	1.770
15 08 78 1200			.3		47275	2 3 0	25.0	1.0	0.048	0.004	0.054	0.610	0.556	1.740
16 08 78 1100			.3		47276	2 3 0	24.0	0.5	0.064	0.005	0.064	0.660	0.596	1.740
17 08 78 1150			.3		47277	2 3 0	22.0	0.8	0.067	0.015	0.110	0.680	0.570	2.030
18 08 78 0850			.3		47278	2 3 0	21.0	0.8	0.075	0.014	0.066	0.680	0.614	1.980
21 08 78 1300			.3		47279	2 3 0	22.0	1.0	0.066	0.003	0.020	0.660	0.640	1.600
22 08 78 1150			.3		47280	2 3 0	22.0	0.6	0.063	0.003	0.020	0.640	0.620	1.660
23 08 78 1100			.3		47281	2 3 0	23.0	1.0	0.064	0.003	0.024	0.630	0.606	1.750
24 08 78 1250			.3		47282	2 3 0	23.0	0.6	0.064	0.006	0.034	0.640	0.606	1.890
25 08 78 1100			.3		47283	2 3 0	21.0	0.8	0.074	0.013	0.054	0.660	0.606	1.890
28 08 78 1200			.3		47284	2 3 0	21.0	0.8	0.080	0.015	0.036	0.800	0.764	2.050
29 08 78 1250			.3		47285	2 3 0	22.0	0.6	0.076	0.011	0.024	0.960	0.936	2.310
30 08 78 1000			.3		47286	2 3 0	20.0	1.0	0.057	0.011	0.034	0.690	0.656	2.290
31 08 78 1150			.3		47287	2 3 0	20.0	1.0	0.067	0.011	0.056	0.630	0.574	2.080
01 09 78 1100			.3		47288	2 3 0	20.0	1.0	0.064	0.011	0.052	0.540	0.488	1.890
04 09 78 1100			.3		47289	2 3 0	19.0	1.0	0.061	0.003	0.022	0.340	0.318	1.590
05 09 78 1100			.3		47290	2 3 0	21.0	1.0	0.049	0.003	0.018	0.470	0.452	1.670
06 09 78 1000			.3		47291	2 3 0	22.0	1.4	0.062	0.002	0.016	0.500	0.484	1.680
07 09 78 1050			.3		47292	2 3 0	22.0	0.4	0.059	0.006	0.056	0.450	0.394	1.730
08 09 78 1150			.3		47293	2 3 0	19.0	0.2	0.088	0.005	0.034	0.500	0.466	2.050
11 09 78 1150			.3		47294	2 3 0	21.0	0.6	0.052	0.009	0.030	0.540	0.510	2.170
12 09 78 1000			.3		47295	2 3 0	23.0	1.0	0.120	0.019	0.070	0.800	0.730	2.400
13 09 78 1150			.3		47296	2 3 0	23.0	0.8	0.099	0.020	0.044	0.690	0.646	2.540
14 09 78 1200			.3		47297	2 3 0	17.0	1.4	0.078	0.016	0.020	0.660	0.640	2.430
15 09 78 1000			.3		47298	2 3 0	17.0	2.0	0.069	0.018	0.024	0.620	0.596	2.440
18 09 78 1200			.3		47299	2 3 0	15.0	1.6	0.140	0.025	0.070	0.800	0.730	2.200
19 09 78 1150			.3		47300	2 3 0	14.0	2.2	0.245	0.046	0.114	1.040	0.926	2.390
20 09 78 1200			.3		47301	2 3 0	16.0	2.0	0.180	0.030	0.166	1.060	0.894	2.610
21 09 78 1200			.3		47302	2 3 0	20.0	1.4	0.204	0.009	0.022	1.260	1.238	4.260

(C O N T D)

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: MOUNT PLEASANT ST BRIDGE IN BRANTFORD GR-11
STATION TYPE: RIVER

PLUARG

STATION ID: 16-0184-076-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 76 LAT: LONG: U T M: 17 0559600.0 4775640.0 4 REGION: 02 MILEAGE: 56.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
22 09 78 0950			.3		47303	2 3 0	16.0	1.0	0.220	0.030	0.094	1.160	1.066	4.760
25 09 78 1250			.3		47304	2 3 0	17.0	0.8	0.085	0.019	0.020	0.680	0.660	3.980
26 09 78 1050			.3		47305	2 3 0	15.0	0.4	0.070	0.016	0.014	0.650	0.636	3.950
27 09 78 0900			.3		47306	2 3 0	15.0	0.8	0.066	0.019	0.014	0.670	0.656	3.720
28 09 78 1100			.3		47307	2 3 0	13.0	1.0	0.094	0.048	0.020	0.690	0.670	3.340
29 09 78 1150			.3		47308	2 3 0	14.0	0.8	0.067	0.014	0.018	0.610	0.592	2.960
02 10 78 1000			.3		47309	2 3 0	15.0	1.0	0.065	0.011	0.020	0.670	0.650	2.570
03 10 78 1150			.3		47310	2 3 0	15.0	1.0	0.090	0.008	0.016	0.680	0.664	2.430
04 10 78 1100			.3		47311	2 3 0	14.0	0.8	0.052	0.006	0.016	0.650	0.634	2.450
05 10 78 1250			.3		47312	2 3 0	14.0	0.8	0.049	0.010	0.052	0.510	0.458	2.460
06 10 78 1100			.3		47313	2 3 0	13.0	1.2	0.070	0.008	0.026	0.700	0.674	2.500
09 10 78 1100			.3		47314	2 3 0	10.0	0.6	0.046	0.008	0.020	0.620	0.600	2.870
10 10 78 1100			.3		47315	2 3 0	13.0	0.8	0.037	0.005	0.016	0.550	0.534	3.050
11 10 78 1150			.3		47316	2 3 0	14.0	0.8	0.045	0.004	0.014	0.560	0.546	3.310
12 10 78 1100			.3		47317	2 3 0	14.0	0.6	0.046	0.003	0.004	0.640	0.636	3.340
13 10 78 1150			.3		47318	2 3 0	13.0	0.8	0.046	0.002	0.002L	0.600	0.598	3.000
16 10 78 1250			.3		47319	2 3 0	9.0	0.2	0.060	0.006	0.008	0.460	0.452	2.560
17 10 78 0900			.3		47320	2 3 0	6.0	1.0	0.026	0.010	0.006	0.560	0.554	2.760
18 10 78 1050			.3		47321	2 3 0	8.0	1.2	0.034	0.004	0.004	0.580	0.576	2.730
19 10 78 1100			.3		47322	2 3 0	9.0	0.4	0.038	0.005	0.014	0.620	0.606	2.920
20 10 78 1150			.3		47323	2 3 0	10.0	1.0	0.072	0.039	0.008	0.560	0.552	2.660
23 10 78 1100			.3		47324	2 3 0	11.0	1.0	0.044	0.004	0.004	0.640	0.636	2.690
24 10 78 1150			.3		47325	2 3 0	10.0	0.8	0.048	0.006	0.006	0.600	0.594	2.600
25 10 78 1100			.3		47326	2 3 0	9.0	0.8	0.044	0.006	0.006	0.460	0.454	2.610
26 10 78 1200			.3		47327	2 3 0	0.0	0.6	0.029	0.007	0.004	0.480	0.476	2.730
27 10 78 1100			.3		47328	2 3 0	10.0	0.6	0.019	0.007	0.006	0.290	0.284	2.540
30 10 78 1100			.3		47329	2 3 0	8.0	0.6	0.041	0.014	0.004	0.600	0.596	2.650
31 10 78 1100			.3		47330	2 3 0	9.0	0.6	0.029	0.003	0.002L	0.510	0.508	2.460
01 11 78 1050			.3		47331	2 3 0	9.0		0.030	0.003	0.002L	0.530	0.528	2.680
02 11 78 1025			.3		47332	2 3 0	8.0	0.8	0.032	0.007	0.008	0.540	0.532	2.790
03 11 78 0950			.3		47333	2 3 0	9.0	0.4	0.035	0.006	0.010	0.540	0.530	2.790
06 11 78 1200			.3		47334	2 3 0	10.0	0.8	0.046	0.007	0.007	0.630	0.623	2.780
07 11 78 1050			.3		47335	2 3 0	8.0	1.2	0.031	0.009	0.028	0.570	0.542	2.720
08 11 78 1050			.3		47336	2 3 0	8.0	0.8	0.034	0.008	0.009	0.530	0.521	2.930
09 11 78 1100			.3		47337	2 3 0	8.0	2.2	0.039	0.007	0.004	0.550	0.546	2.950
10 11 78 1200			.3		47338	2 3 0	9.0	0.8	0.034	0.005	0.004	0.570	0.566	2.820
13 11 78 1100			.3		47339	2 3 0	6.0	0.6	0.076	0.022	0.017	0.620	0.603	3.170
14 11 78 1200			.3		47340	2 3 0	10.0	0.6	0.070	0.017	0.019	0.640	0.621	3.140
15 11 78 1100			.3		47341	2 3 0	7.0	0.6	0.086	0.022	0.023	0.680	0.657	3.430
16 11 78 1200			.3		47342	2 3 0	6.0	0.6	0.055	0.020	0.038	0.550	0.512	3.150
17 11 78 0900			.3		47343	2 3 0	5.0	0.2	0.044	0.026	0.017	0.550	0.533	3.100
20 11 78 1100			.3		47344	2 3 0	4.0	1.2	0.064	0.023	0.112	0.720	0.608	2.970
21 11 78 1100			.3		47345	2 3 0	2.0	0.8	0.056	0.017	0.085	0.650	0.565	3.330
22 11 78 1100			.3		47346	2 3 0	2.0	0.6	0.091	0.020	0.153	0.750	0.597	3.640
23 11 78 0900			.3		47347	2 3 0	2.0	1.0	0.053	0.023	0.248	0.740	0.492	3.490
24 11 78 1100			.3		47348	2 3 0	5.6	1.6	0.069	0.025	0.274	0.850	0.576	3.400
27 11 78 1100			.3		47349	2 3 0	0.0	2.0	0.088	0.027	0.183	0.920	0.737	4.220
28 11 78 1100			.3		47350	2 3 0	0.1	2.2	0.178	0.024	0.223	1.260	1.037	4.910
29 11 78 1100			.3		47351	2 3 0	0.2	1.4	0.080	0.030	0.318	0.980	0.662	4.480
30 11 78 1150			.3		47352	2 3 0	0.2	0.6	0.088	0.034	0.430	1.100	0.670	4.250
01 12 78 1100			.3		47353	2 3 0	0.2	0.4	0.071	0.035	0.320	0.940	0.620	4.090
04 12 78 1150			.3		47354	2 3 0	0.2	3.4	0.054	0.031	0.324	0.870	0.546	3.820
05 12 78 1050			.3		47355	2 3 0	0.2	0.8	0.100	0.032	0.333	1.010	0.677	3.810
06 12 78 0950			.3		47356	2 3 0	0.3	2.4	0.126	0.030	0.333	1.100	0.767	4.050
07 12 78 1100			.3		47357	2 3 0	0.2	1.0	0.095	0.031	0.284	0.960	0.676	4.410
08 12 78 1050			.3		47358	2 3 0	0.3	0.8	0.084	0.032	0.286	0.910	0.624	4.560
11 12 78 0900			.3		47359	2 3 0	0.0	1.2	0.066	0.027	0.234	0.770	0.536	4.520
12 12 78 1150			.3		47360	2 3 0	0.1	1.0	0.067	0.027	0.332	0.910	0.578	4.610
13 12 78 1050			.3		47361	2 3 0	0.1	1.2	0.078	0.030	0.410	0.980	0.570	4.630
14 12 78 1050			.3		47362	2 3 0	0.1	0.2	0.081	0.030	0.384	0.920	0.536	4.120
15 12 78 1050			.3		47363	2 3 0	0.1	1.4	0.058	0.029	0.350	0.830	0.480	3.930
18 12 78 1100			.3		47364	2 3 0	0.1	0.6	0.065	0.031	0.392	1.020	0.628	3.970
19 12 78 0950			.3		47365	2 3 0	0.0	0.4	0.052	0.029	0.356	0.820	0.464	4.020
20 12 78 1050			.3		47366	2 3 0	0.0	0.2	0.073	0.038	0.560	1.170	0.610	4.470
21 12 78 1100			.3		47367	2 3 0	0.1	1.4	0.085	0.039	0.670	1.290	0.620	4.440
22 12 78 1150			.3		47368	2 3 0	0.1	0.6	0.068	0.038	0.510	1.110	0.600	4.160
25 12 78 1350			.3		47369	2 3 0	0.0	0.8	0.084	0.036	0.390	0.970	0.580	3.820
26 12 78 1150			.3		47370	2 3 0	0.0	0.8	0.094	0.035	0.390	1.110	0.720	4.060
27 12 78 1150			.3		47371	2 3 0	0.0	0.4	0.078	0.031	0.390	0.960	0.570	4.010
28 12 78 1150			.3		47372	2 3 0	0.0							
29 12 78 1100			.3		47373	2 3 0	0.1							
MAXIMUM							26.0	3.4	0.450	0.098	0.670	3.100	3.070	5.750
AVG OR GEOM MN (*)							12.4	1.1	0.076	0.014	0.086D	0.734	0.648	2.734
MINIMUM							0.0	0.2	0.019	0.001	0.002	0.290	0.284	0.800
NO OF SAMPLES							180	137	177	178	178	177	177	176

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
03 04 78 1535			.3		1.480	176.0	373	52.00		5.300	1.0L	5.1		0.050L
04 04 78 1150			.3		3.500	88.0	398	28.00		2.700	1.0	4.6		
05 04 78 1130			.3		0.345	81.0	430	33.00		2.700	1.0L	5.2		0.950
06 04 78 1105			.3		3.500	155.0	410	44.00		3.000	1.0L	5.1		0.110
07 04 78 1055			.3		3.400	209.0	395	78.00		5.000	1.0L	4.2		0.130
12 04 78 1540			.3		2.700	249.0	345	130.00		10.200	1.0L	5.8	0.003	0.040
13 04 78 1605			.3		2.580	184.0	345	80.00		6.250	1.0	5.5		0.060
17 04 78 1555			.3		2.400	17.0	435	12.00			1.0L	5.5		0.060
02 05 78 1030			.3		2.300	2.7	560	2.70		0.090		4.6		
03 05 78 1030			.3		2.250	1.8	570	2.30		0.090		4.2		
04 05 78 0930			.3		2.330	2.8	580	2.50		0.070		4.2		0.050
05 05 78 0920			.3		2.380	2.8	590	2.60		0.090		4.0		
08 05 78 1010			.3		2.530	3.1	580	2.40		0.080		4.5		
09 05 78 0945			.3		2.550	3.4	580	2.50		0.150		4.4		
10 05 78 1015			.3		2.380	3.5	580	3.60		0.140		4.6		
11 05 78 1005			.3		2.150	3.6	580	3.20		0.110		4.8		
12 05 78 1105			.3		2.180	2.9	590	1.70		0.080		4.8		
15 05 78 1135			.3		2.180	76.0	475	20.00		1.440		6.8		
16 05 78 1150			.3		2.300	62.0	485	5.70		0.640		6.6		
17 05 78 1000			.3		1.900	40.0	475	4.80		0.340		6.3		
18 05 78 1125			.3		1.880	13.0	530	2.20		0.280		5.4		
19 05 78 1110			.3		1.950	8.4	550	1.90		0.150		5.3		
22 05 78 1010			.3		1.780		560	3.80				5.4		
23 05 78 1045			.3		1.900		560	3.00				5.6		
26 05 78 1330			.3		3.150	2.4						5.6		
29 05 78 1400			.3		1.300	4.2	580	1.70		0.130		5.5		

(C O N T D)

30 05 78 1400	.3	1.380	2.5	580	1.60		0.110	5.6
31 05 78 1300	.3	1.700	5.8	600	1.40		0.150	5.6
01 06 78 1015	.3	1.730	3.0	660	1.50		0.120	5.4
02 06 78 1200	.3	1.630	2.9	650	1.70		0.080	5.4
05 06 78 0900	.3	1.880	4.9	680	2.20		0.170	4.8
06 06 78 1100	.3	1.880	3.6	660	1.70		0.130	4.6
07 06 78 1050	.3	2.080	3.3	670	1.80		0.110	4.4
08 06 78 1050	.3	2.150	7.5	670	2.80		0.150	4.4
09 06 78 1150	.3	2.080	6.1	700	1.80		0.140	4.0
12 06 78 1600	.3		4.1	690		49.0		4.0
13 06 78 1100	.3	1.750	5.8	660		44.5		4.0
14 06 78 1450	.3	2.200	6.8	670		48.0		4.0
15 06 78 1150	.3	2.030	6.4	670		50.0		4.0
16 06 78 1500	.3	2.030	7.6	660		48.0		
19 06 78 1550	.3	0.700	7.0	640		42.5		
20 06 78 1150	.3	0.290	8.0	630		42.0		
21 06 78 1100	.3	0.285	13.0	620		42.0		
22 06 78 1200	.3	1.630	13.0	640		47.0		
23 06 78 1100	.3	1.530	13.0	650		49.5		
26 06 78 1000	.3	1.150	9.3	610		45.5		
27 06 78 1050	.3	1.100	8.7	610		42.5		
28 06 78 1450	.3	1.330	11.0	600		46.5		
29 06 78 0900	.3	1.230	14.0	630		48.0		
30 06 78 0950	.3	0.370	11.0	630		50.0		
03 07 78 1200	.3	1.050	14.0	590		42.5		
04 07 78 1150	.3	1.300	16.0	590		35.5		
05 07 78 1150	.3	1.700	14.0	620		40.5		
06 07 78 1050	.3	1.630	12.0	620		43.0		
07 07 78 1000	.3	1.600	12.0	640		47.0		
10 07 78 1100	.3	1.050	16.0	640		48.5		
11 07 78 1150	.3	1.030	13.0	610		44.5		
12 07 78 1100	.3	1.150	14.0	620		45.4		
13 07 78 1100	.3	1.250	15.0	630		49.0		
14 07 78 1045	.3	0.120	12.0	650		51.0		
17 07 78 1300	.3	1.030		620		48.0		
18 07 78 1200	.3	0.950	9.4	590		47.5		
19 07 78 1250	.3	1.050	10.0	580		47.5		
20 07 78 1050	.3	1.150	9.0	630		51.0		
21 07 78 1100	.3	1.050	8.9	620		52.0		
24 07 78 1150	.3	1.050	14.0	610		46.5		
25 07 78 1350	.3	1.030	10.0	590		43.0		
26 07 78 1200	.3	1.230	10.0	580		40.5		
27 07 78 1250	.3	0.280	11.0	620		44.5		
28 07 78 1200	.3	0.280	15.0	580		41.0		
31 07 78 1000	.3	1.500	12.0	600		41.5		
01 08 78 1400	.3	1.330	9.6	580		39.0		
02 08 78 1100	.3	1.480	9.9	580		38.0		
03 08 78 1200	.3	1.580	11.0	570		39.0		
04 08 78 1250	.3	1.500	12.0	580		41.0		
07 08 78 1350	.3	2.650	18.0	600		44.0		
08 08 78 1300	.3	1.200	8.1	590		42.5		
09 08 78 1100	.3	1.330		580		41.0		
10 08 78 1150	.3	1.430	13.0	580		39.5		
11 08 78 1200	.3	1.480	13.0	610		45.5		
14 08 78 1250	.3	1.130	11.0	630		52.0		
15 08 78 1200	.3	1.130	8.6	620		50.0		
16 08 78 1100	.3	1.080	10.0	620		49.5		
17 08 78 1150	.3	1.350	13.0	640		52.0		
18 08 78 0850	.3	1.300	14.0	660		56.0		
21 08 78 1300	.3	0.940	10.0	590		47.0		
22 08 78 1150	.3	1.020	9.3	580		43.0		

23 08 78 1100	.3	1.120	12.0	580	43.5
24 08 78 1250	.3	1.250	10.0	620	47.5
25 08 78 1100	.3	1.230	13.0	630	51.0
28 08 78 1200	.3	1.250	10.0	630	46.0
29 08 78 1250	.3	1.350	13.0	600	41.0
30 08 78 1000	.3	1.600	15.0	600	45.0
31 08 78 1150	.3	1.450	15.0	610	43.0
01 09 78 1100	.3	1.350	14.0	625	46.0
04 09 78 1100	.3	1.250	11.0	680	51.0
05 09 78 1100	.3	1.200	8.3	630	47.0
06 09 78 1000	.3	1.180	10.0	620	45.5
07 09 78 1050	.3	1.280	10.0	630	47.0
08 09 78 1150	.3	1.550	14.0	660	52.0
11 09 78 1150	.3	1.630	8.6	690	53.0
12 09 78 1000	.3	1.600	30.0	610	42.0
13 09 78 1150	.3	1.850	20.0	600	43.0
14 09 78 1200	.3	1.770	12.0	620	43.0
15 09 78 1000	.3	1.820	20.0	620	43.0
18 09 78 1200	.3	1.400	57.0	520	35.5
19 09 78 1150	.3	1.350	121.0	480	30.0
20 09 78 1200	.3	1.550	79.0	530	31.5
21 09 78 1200	.3	3.000	53.0	550	30.0
22 09 78 0950	.3	3.600	38.0	600	36.0
25 09 78 1250	.3	3.300	24.0	640	40.5
26 09 78 1050	.3	3.300	18.0	650	40.0
27 09 78 0900	.3	3.050	16.0	650	41.5
28 09 78 1100	.3	2.650	21.0	660	44.0
29 09 78 1150	.3	2.350	17.0	660	47.5
02 10 78 1000	.3	1.900	16.0	660	48.0
03 10 78 1150	.3	1.750	11.0	640	43.5
04 10 78 1100	.3	1.800	12.0	620	41.0
05 10 78 1250	.3	1.950	15.0	620	48.5
06 10 78 1100	.3	1.800	14.0	580	44.5
09 10 78 1100	.3	2.250	5.3	630	39.5
10 10 78 1100	.3	2.500	8.6	620	37.5
11 10 78 1150	.3	2.750	10.0	620	38.5
12 10 78 1100	.3	2.700	9.2	640	41.0
13 10 78 1150	.3	2.400	8.9	660	45.5
16 10 78 1250	.3	2.100	7.4	670	46.0
17 10 78 0900	.3	2.200	2.2	680	47.0
18 10 78 1050	.3	2.150	5.1	680	48.0
19 10 78 1100	.3	2.300	7.5	700	53.0
20 10 78 1150	.3	2.100	9.0	710	52.0
23 10 78 1100	.3	2.050	8.5	730	52.0
24 10 78 1150	.3	2.000	13.0	690	46.5
25 10 78 1100	.3	2.150	9.1	690	47.0
26 10 78 1200	.3	2.250	54.0	700	49.0
27 10 78 1100	.3	2.250	6.6	700	54.0
30 10 78 1100	.3	2.050	11.0	700	49.5
31 10 78 1100	.3	1.950	10.0	690	45.5
01 11 78 1050	.3	2.150	8.0	700	48.5
02 11 78 1025	.3	2.250	15.0	740	57.0
03 11 78 0950	.3	2.250	16.0	720	50.0
06 11 78 1200	.3	2.150	11.0	710	49.0
07 11 78 1050	.3	2.150	21.0	700	45.0
08 11 78 1050	.3	2.400	20.0	710	49.0
09 11 78 1100	.3	2.400	10.0	630	49.0
10 11 78 1200	.3	2.250	9.0	740	51.0
13 11 78 1100	.3	2.550	11.0	760	57.0
14 11 78 1200	.3	2.500	18.0	720	49.0
15 11 78 1100	.3	2.750	14.0	700	53.0

(C O N T D)

B.O.W./ SITE: GRAND RIVER
PLUARG
STATION ID: 16-0184-076-02
SAMPLE POINT: MOUNT PLEASANT ST BRIDGE IN BRANTFORD GR-11
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150

STN NO: 76 LAT: LONG: U T M: 17 0559600.0 4775640.0 4 REGION: 02 MILEAGE: 56.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
16 11 78	1200			.3		2.600	14.0	700		49.5					
17 11 78	0900			.3		2.550	5.0	720		55.0					
20 11 78	1100			.3		2.250	15.0	660		38.0					
21 11 78	1100			.3		2.680	10.0	670		36.0					
22 11 78	1100			.3		2.890	7.0	680		40.0					
23 11 78	0900			.3		2.750	5.0	710		45.0					
24 11 78	1100			.3		2.550	13.0	690		43.5					
27 11 78	1100			.3		3.300	30.0	650		33.0					
28 11 78	1100			.3		3.650	108.0	680		37.5					
29 11 78	1100			.3		3.500	28.0	730		48.5					
30 11 78	1150			.3		3.150	18.0	750		56.0					
01 12 78	1100			.3		3.150	9.0	760		56.0					
04 12 78	1150			.3		2.950	5.0	790		60.0					
05 12 78	1050			.3		2.800	26.0	920		117.0					
06 12 78	0950			.3		2.950	26.0	740		64.0					
07 12 78	1100			.3		3.450	25.0	670		44.0					
08 12 78	1050			.3		3.650	18.0	660		43.0					
11 12 78	0900			.3		3.750	12.0	710		40.0					
12 12 78	1150			.3		3.700	17.0	710		42.0					
13 12 78	1050			.3		3.650	19.0	720		45.5					
14 12 78	1050			.3		3.200	21.0	690		45.0					
15 12 78	1050			.3		3.100	7.0	720		49.5					
18 12 78	1100			.3		2.950	13.0	740		53.0					
19 12 78	0950			.3		3.200	7.0	750		53.0					
20 12 78	1050			.3		3.300	7.0	810		65.0					
21 12 78	1100			.3		3.150	18.0	815		68.0					
22 12 78	1150			.3		3.050	7.8	820		74.0					
25 12 78	1350			.3		2.850	10.0	722		52.0					
26 12 78	1150			.3		2.950	4.8	725		50.0					
27 12 78	1150			.3		3.050	13.0	730		49.5					
MAXIMUM						3.750	249.0	920	130.00	117.0	10.200	1.0	6.8	0.003	0.950
AVG OR GEOM MN (*)						2.006	20.7	633	15.89	46.8	1.296	1.0D	5.0	0.003	0.181D
MINIMUM						0.120	1.8	345	1.40	30.0	0.070	1.0	4.0	0.003	0.040
NO OF SAMPLES						177	174	177	34	143	31	8	39	1	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
03 04 78	1535			.3			0.009	0.030L	0.001L	0.036	
04 04 78	1150			.3			0.005	0.003L	0.001L	0.019	
05 04 78	1130			.3			0.004	0.003L	0.001L	0.021	
06 04 78	1105			.3			0.006	0.003L	0.001L	0.026	
07 04 78	1055			.3			0.010	0.008	0.001L	0.038	
12 04 78	1540			.3		0.012	0.012	0.003L	0.001L	0.050	0.008
13 04 78	1605			.3			0.008	0.003L	0.001L	0.032	
17 04 78	1555			.3			0.008	0.003L	0.001L	0.032	
19 05 78	1110			.3				0.003L			
23 05 78	1045			.3				0.003L			
26 05 78	1330			.3				0.003L			
31 05 78	1300			.3				0.003L			
07 06 78	1050			.3				0.003L			
16 06 78	1500			.3				0.003L			
19 06 78	1550			.3				0.003L			
20 06 78	1150			.3				0.003L			
21 06 78	1100			.3				0.003L			
22 06 78	1200			.3				0.003L			
23 06 78	1100			.3				0.003L			
26 06 78	1000			.3				0.003L			
27 06 78	1050			.3				0.003L			
28 06 78	1450			.3				0.003L			
29 06 78	0900			.3				0.003L			
30 06 78	0950			.3				0.003L			
03 07 78	1200			.3				0.003L			
04 07 78	1150			.3				0.003L			
05 07 78	1150			.3				0.003L			
06 07 78	1050			.3				0.003L			
07 07 78	1000			.3				0.003L			
10 07 78	1100			.3				0.003L			
11 07 78	1150			.3				0.003L			
12 07 78	1100			.3				0.003L			
13 07 78	1100			.3				0.003L			
14 07 78	1045			.3				0.003L			
17 07 78	1300			.3				0.003L			
18 07 78	1200			.3				0.003L			
19 07 78	1250			.3				0.003L			
20 07 78	1050			.3				0.003L			
21 07 78	1100			.3				0.003L			
24 07 78	1150			.3				0.003L			
25 07 78	1350			.3				0.003L			
26 07 78	1200			.3				0.003L		0.005	
27 07 78	1250			.3				0.003L		0.005	
28 07 78	1200			.3				0.003L		0.005	
31 07 78	1000			.3				0.003L		0.005	
01 08 78	1400			.3				0.003L		0.005	
02 08 78	1100			.3				0.004L		0.006	
03 08 78	1200			.3				0.004L		0.006	
04 08 78	1250			.3				0.004L		0.006	
07 08 78	1350			.3				0.004L		0.006	
08 08 78	1300			.3				0.004L		0.006	
09 08 78	1100			.3				0.004L		0.002	
10 08 78	1150			.3				0.004L		0.002	
11 08 78	1200			.3				0.004L		0.002	
14 08 78	1250			.3				0.004L		0.002	
15 08 78	1200			.3				0.004L		0.002	
16 08 78	1100			.3				0.004L		0.002	
17 08 78	1150			.3				0.004L		0.002	
18 08 78	0850			.3				0.004L		0.002	
21 08 78	1300			.3				0.004L		0.002	
22 08 78	1150			.3				0.004L		0.002	
23 08 78	1100			.3				0.004L		0.002	
24 08 78	1250			.3				0.004L		0.002	
25 08 78	1100			.3				0.004L		0.002	
28 08 78	1200			.3				0.004L		0.002	
29 08 78	1250			.3				0.004L		0.002	
30 08 78	1000			.3				0.006L		0.007	

(C O N T D)

```
31 08 78 1150                      .3                              0.006L                  0.007
01 09 78 1100                      .3                              0.006L                  0.007
04 09 78 1100                      .3                              0.006L                  0.007
05 09 78 1100                      .3                              0.006L                  0.007
06 09 78 1000                      .3                              0.050L                  0.010
07 09 78 1050                      .3                              0.050L                  0.010
08 09 78 1150                      .3                              0.050L                  0.010
11 09 78 1150                      .3                              0.050L                  0.010
12 09 78 1000                      .3                              0.050L                  0.010
13 09 78 1150                      .3                              0.005L                  0.010
14 09 78 1200                      .3                              0.005L                  0.010
15 09 78 1000                      .3                              0.005L                  0.010
18 09 78 1200                      .3                              0.005L                  0.010
19 09 78 1150                      .3                              0.005L                  0.010
20 09 78 1200                      .3                              0.006L                  0.036
21 09 78 1200                      .3                              0.006L                  0.036
22 09 78 0950                      .3                              0.006L                  0.036
25 09 78 1250                      .3                              0.006L                  0.036
26 09 78 1050                      .3                              0.006L                  0.036
27 09 78 0900                      .3                              0.006L                  0.005
28 09 78 1100                      .3                              0.006L                  0.005
29 09 78 1150                      .3                              0.006L                  0.005
02 10 78 1000                      .3                              0.006L                  0.005
03 10 78 1150                      .3                              0.006L                  0.005
04 10 78 1100                      .3                              0.006L                  0.008
05 10 78 1250                      .3                              0.006L                  0.008
06 10 78 1100                      .3                              0.006L                  0.008
09 10 78 1100                      .3                              0.006L                  0.008
10 10 78 1100                      .3                              0.006L                  0.008
11 10 78 1150                      .3                              0.005L                  0.008
12 10 78 1100                      .3                              0.005L                  0.008
13 10 78 1150                      .3                              0.005L                  0.008
16 10 78 1250                      .3                              0.005L                  0.008
17 10 78 0900                      .3                              0.005L                  0.008
18 10 78 1050                      .3                              0.004L                  0.008
19 10 78 1100                      .3                              0.004L                  0.008
20 10 78 1150                      .3                              0.004L                  0.008
23 10 78 1100                      .3                              0.004L                  0.008
24 10 78 1150                      .3                              0.004L                  0.008
25 10 78 1100                      .3                              0.004L                  0.009
26 10 78 1200                      .3                              0.004L                  0.009
27 10 78 1100                      .3                              0.004L                  0.009
30 10 78 1100                      .3                              0.004L                  0.009
31 10 78 1100                      .3                              0.004L                  0.009
01 11 78 1050                      .3                              0.003L                  0.008
02 11 78 1025                      .3                              0.003L                  0.008
03 11 78 0950                      .3                              0.003L                  0.008
06 11 78 1200                      .3                              0.003L                  0.008
07 11 78 1050                      .3                              0.003L                  0.008
08 11 78 1050                      .3                              0.004L                  0.004
09 11 78 1100                      .3                              0.004L                  0.004
10 11 78 1200                      .3                              0.004L                  0.004
13 11 78 1100                      .3                              0.004L                  0.004
14 11 78 1200                      .3                              0.004L                  0.004
15 11 78 1100                      .3                              0.004L                  0.016
16 11 78 1200                      .3                              0.004L                  0.016
17 11 78 0900                      .3                              0.004L                  0.016
20 11 78 1100                      .3                              0.004L                  0.016
21 11 78 1100                      .3                              0.004L                  0.016
22 11 78 1100                      .3                              0.004L                  0.015
23 11 78 0900                      .3                              0.004L                  0.015


24 11 78 1100                      .3                              0.004L                  0.015
27 11 78 1100                      .3                              0.004L                  0.015
28 11 78 1100                      .3                              0.004L                  0.015
29 11 78 1100                      .3                              0.005L                  0.030
30 11 78 1150                      .3                              0.005L                  0.030
01 12 78 1100                      .3                              0.005L                  0.030
04 12 78 1150                      .3                              0.005L                  0.030
05 12 78 1050                      .3                              0.005L                  0.030
06 12 78 0950                      .3                              0.005                   0.033
07 12 78 1100                      .3                              0.005                   0.033
08 12 78 1050                      .3                              0.005                   0.033
11 12 78 0900                      .3                              0.005                   0.033
12 12 78 1150                      .3                              0.005                   0.033
13 12 78 1050                      .3                              0.004L                  0.024
14 12 78 1050                      .3                              0.004L                  0.024
15 12 78 1050                      .3                              0.004L                  0.024
18 12 78 1100                      .3                              0.004L                  0.024
19 12 78 0950                      .3                              0.004L                  0.024
20 12 78 1050                      .3                              0.003L                  0.031
21 12 78 1100                      .3                              0.003L                  0.031
22 12 78 1150                      .3                              0.003L                  0.031
25 12 78 1350                      .3                              0.003L                  0.031
26 12 78 1150                      .3                              0.003L                  0.031
27 12 78 1150                      .3                              0.003L                  0.031
28 12 78 1150                      .3                              0.003L                  0.031
29 12 78 1100                      .3                              0.003L                  0.031
                              MAXIMUM      0.012       0.012       0.050       0.001       0.050       0.008
                   AVG OR GEOM MN (*)      0.012       0.008       0.006D      0.001D      0.014       0.008
                              MINIMUM      0.012       0.004       0.003       0.001       0.002       0.008

                        NO OF SAMPLES          1           8         154           8         121           1
```

B.O.W./ SITE: SCHNEIDER CREEK
SAMPLE POINT: AT HAYWARD AVE KITCHENER UL-23
STATION TYPE: RIVER

PLUARG

STATION ID: 16-0184-085-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 85 LAT: LONG: U T M: 17 0544550.0 4806750.0 4 REGION: 02 MILEAGE: 101.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
04 01 78	1505			.3		45805	2 3 0	0.0		0.098	0.054	0.360	0.600	0.240	4.840
09 01 78	1500			.3		45822	2 3 0	0.0		0.090	0.028	0.420	1.200	0.780	2.650
20 01 78	1235			.3		45838	2 3 0	1.0		0.320	0.280	0.360	0.680	0.320	2.960
25 01 78	1425			.3		45854	2 3 0	5.8		0.062	0.017	0.284	0.700	0.416	2.000
03 02 78	1445			.3		45869	2 3 0	6.0		0.122	0.080	0.082	0.400	0.318	1.500
24 02 78	1315			.3		45886	2 3 0	6.2		0.055	0.032	0.072	0.460	0.388	2.060
06 03 78	1405			.3		45890	2 4 0			0.286	0.008	0.570	1.720	1.150	2.235
08 03 78	1635			.3		45891	2 3 0	8.3		0.250	0.002	0.136	1.590	1.454	2.970
				.3		45892	2 4 0	8.3		0.154	0.002	0.710	1.500	0.790	2.080
10 03 78	1145			.3		45894	2 4 0	7.8		0.145	0.003	0.750	1.500	0.750	3.350
				.3		45895	2 3 0	7.8		0.125	0.001L	0.170	0.950	0.780	6.350
14 03 78	0700			.3		45898	2 4 0			0.600	0.003	0.380	3.000	2.620	4.770
	0800			.3		45899	2 4 0			0.780	0.007	0.380	3.500	3.120	5.620
	1100			.3		45900	2 4 0			0.500	0.009	0.460	4.200	3.740	6.070
	1205			.3		45901	2 4 0	2.7		0.870	0.031	0.600	4.200	3.600	5.700
				.3		45902	2 3 0	2.7		0.940	0.021	0.570	5.700	5.130	7.070
	1300			.3		45909	2 4 0			0.625	0.028	0.460	2.850	2.390	4.320
	1800			.3		45910	2 4 0			0.296	0.019	0.286	2.350	2.064	3.650
15 03 78	1125			.3		45911	2 4 0	4.0		0.180	0.025	0.580	1.850	1.270	3.370
				.3		45912	2 3 0	4.0		0.154	0.048	0.450	1.500	1.050	3.520
20 03 78	1515			.3		45926	2 4 0	7.3		0.300	0.010	0.910	2.800	1.890	3.490
				.3		45927	2 3 0	7.3		0.225	0.054	0.300	1.150	0.850	3.120
21 03 78	0230			.3		45934	2 4 0			0.475	0.012	0.490	2.720	2.230	3.970
	0330			.3		45930	2 4 0			0.650	0.016	0.190	2.880	2.690	4.530
	0430			.3		45931	2 4 0			0.440	0.030	0.224	2.340	2.116	3.590
	0730			.3		45932	2 4 0			0.344	0.034	0.274	1.680	1.406	2.830
	1030			.3		45933	2 4 0			0.264	0.043	0.334	1.620	1.286	2.770
	1145			.3		45935	2 4 0	2.3		0.420	0.079	0.390	1.920	1.530	3.070
				.3		45936	2 3 0	2.3		0.515	0.051	0.390	2.040	1.650	3.210
	1500			.3		45943	2 4 0			0.370	0.042	0.140	1.640	1.500	2.810
	1700			.3		45944	2 4 0			0.370	0.062	0.210	1.520	1.310	2.840
22 03 78	1310			.3		45945	2 4 0	5.4		0.190	0.085	0.330	0.940	0.610	2.260
				.3		45946	2 3 0	5.4		0.440	0.076	0.306	1.640	1.334	3.140
	1800			.3		45950	2 4 0			0.370	0.045	0.228	1.550	1.322	2.920
	1945			.3		45951	2 4 0			0.388	0.070	0.230	1.640	1.410	3.010
	2300			.3		45952	2 4 0			0.334	0.125	0.254	1.500	1.246	2.870
23 03 78	1300			.3		45953	2 4 0	5.0		0.295	0.000	0.292	1.350	1.058	2.750
				.3		45954	2 3 0	5.0		0.345	0.083	0.218	1.250	1.032	2.670
28 03 78	1415			.3		45957	2 4 0	4.3		0.138	0.034	0.410	1.040	0.630	3.040
03 04 78	1720			.3		46005	2 3 0	2.0		0.082	0.026	0.170	0.660	0.490	2.610
04 04 78	1225			.3		46006	2 4 0	6.3		0.108	0.034	0.336	0.880	0.544	2.430
				.3		46007	2 3 0	6.3			0.017	0.162			
05 04 78	1150			.3		46010	2 3 0	3.8		0.168	0.027	0.158	0.820	0.662	3.370
07 04 78	1010			.3		46015	2 4 0	2.8		1.270	0.035	0.122	3.900	3.778	5.680
				.3		46016	2 3 0	2.8		0.208	0.035	0.140	0.860	0.720	2.660
11 04 78	1055			.3		46025	2 3 0	6.0		0.485	0.063	0.162	1.400	1.238	2.500
	1740			.3		46029	2 3 0	7.0		2.170	0.083	0.164	2.700	2.536	4.350
19 04 78	0945			.3		46051	2 3 0	7.0		0.246	0.025	0.264	1.280	1.016	2.580
11 05 78	1400			.3		46058	2 3 0	19.0		0.029	0.002	0.044	0.540	0.496	1.820
13 05 78	1530			.3		46061	2 4 0			2.100	0.055	0.202	4.050	3.848	4.650
	1600			.3		46062	2 4 0			1.970	0.027	0.108	2.150	2.042	2.715
01 06 78	1400			.3		46071	2 3 0	25.0		0.045	0.002	0.022	0.640	0.618	1.205
20 06 78	1410			.3		46076	2 3 0	26.0	3.0	0.048	0.002	0.032	0.600	0.568	0.770
03 07 78	1200			.3		46077	2 4 0		18.0G	0.326	0.090	1.440	2.900	1.460	3.480
	1230			.3		46078	2 4 0		15.0	0.385	0.150	1.810	2.980	1.170	3.465
	1245			.3		46079	2 4 0		14.0	0.330	0.160	1.220	2.280	1.060	2.820
	1315			.3		46080	2 4 0		13.0	0.354	0.135	1.480	2.500	1.020	3.010
18 07 78	1215			.3		46091	2 4 0	23.0	1.2	0.122	0.014	0.078	0.880	0.802	1.340
				.3		46092	2 3 0	23.0	1.8	0.050	0.002	0.008	0.760	0.752	1.150
27 07 78	1200			.3		46101	2 4 0		1.6	0.255	0.069	0.014	0.800	0.786	2.150
				.3		46102	2 4 0		1.8	0.265	0.076	0.014	0.850	0.836	2.350
				.3		46103	2 4 0		4.0	0.265	0.084	0.016	0.850	0.834	2.400
				.3		46104	2 4 0		2.2	0.255	0.077	0.016	1.000	0.984	2.580
				.3		46105	2 4 0		5.5		0.096	0.242			
				.3		46106	2 4 0		8.0	0.410	0.087	0.240	1.550	1.310	2.485
				.3		46107	2 4 0		11.0	0.515	0.000	0.240	1.500	1.260	2.630
				.3		46108	2 4 0		8.0	0.310	0.088	0.254	1.500	1.246	2.630
				.3		46109	2 4 0		8.0	0.355	0.087	0.242	1.500	1.258	2.650
03 08 78	1300			.3		46110	2 4 0		5.0	0.245	0.064	0.790	1.660	0.870	2.375
	1335			.3		46111	2 4 0		4.4	0.190	0.052	0.620	1.450	0.830	2.260
	1400			.3		46112	2 4 0		4.0	0.178	0.049	0.540	1.410	0.870	2.225
	1430			.3		46113	2 4 0		3.6	0.215	0.042	0.450	1.270	0.820	2.070
	1500			.3		46114	2 4 0		2.6	0.138	0.044	0.388	1.010	0.622	1.805
	1530			.3		46115	2 4 0		2.6	0.143	0.038	0.318	1.110	0.792	1.910
	1615			.3		46116	2 4 0		2.2	0.124	0.039	0.312	1.030	0.718	1.790
	1645			.3		46117	2 4 0		3.0	0.157	0.032	0.270	0.960	0.690	1.710
	1715			.3		46118	2 4 0		2.4	0.126	0.037	0.282	0.910	0.628	1.610
04 08 78	1420			.3		46119	2 4 0	23.0	2.6	0.106	0.025	0.216	0.850	0.634	2.110
				.3		46120	2 3 0	23.0	2.6	0.063	0.002	0.002	0.650	0.648	2.030
16 08 78	0930			.3		46121	2 4 0		3.0	0.435	0.277	2.100	3.500	1.400	3.800
	0955			.3		46122	2 4 0		2.6	0.430	0.288	2.400	3.250	0.850	3.515
	1025			.3		46123	2 4 0		3.0	0.425	0.278	2.000	3.250	1.250	3.615
	1045			.3		46124	2 4 0		5.0	0.410	0.149	1.050	2.450	1.400	3.420
	1115			.3		46125	2 4 0		6.0	0.355	0.144	1.180	2.300	1.120	3.180
	1145			.3		46126	2 4 0		6.0	0.320	0.133	1.080	2.300	1.220	3.240
	1215			.3		46127	2 4 0		6.0	0.305	0.133	1.090	2.150	1.060	3.090
	1245			.3		46128	2 4 0		6.0	0.320	0.133	1.070	2.150	1.080	3.110
	1315			.3		46129	2 4 0	26.0	4.0	0.240	0.008	0.770	1.750	0.980	2.530
				.3		46130	2 3 0	26.0	3.0	0.064	0.018	0.140	0.540	0.400	0.970
24 08 78	1330			.3		46148	2 4 0		2.4	0.232	0.046	1.140	1.780	0.640	2.110
	1400			.3		46149	2 4 0		3.0	0.174	0.051	1.130	1.700	0.570	2.070
	1430			.3		46150	2 4 0		8.0	0.380	0.007	0.314	1.950	1.636	3.050
	1500			.3		46151	2 4 0		7.5	0.360	0.007	0.308	1.600	1.292	2.730
	1530			.3		46152	2 4 0		6.5	0.240	0.008	0.364	1.500	1.136	2.730
	1600			.3		46153	2 4 0		5.0	0.194	0.011	0.350	1.480	1.130	2.680
	1630			.3		46154	2 4 0		4.5	0.216	0.008	0.318	1.520	1.202	2.620
25 08 78	1430			.3		46155	2 4 0	21.0	2.4	0.086	0.008	0.244	0.900	0.656	1.795
				.3		46156	2 3 0	21.0	1.2	0.030	0.009	0.036	0.350	0.314	1.325
28 08 78	0830			.3		46157	2 4 0		2.8	0.200	0.081	1.440	1.950	0.510	2.390
	0900			.3		46158	2 4 0		2.8	0.230	0.075	1.460	2.100	0.640	2.520
	0945			.3		46160	2 4 0		8.0	0.370	0.054	0.640	1.800	1.160	2.725
	1015			.3		46161	2 4 0		4.0	0.220	0.053	0.580	1.450	0.870	2.410
	1045			.3		46162	2 4 0		4.0	0.220	0.046	0.550	1.400	0.850	2.365
	1115			.3		46163	2 4 0		3.5	0.180	0.061	0.550	1.280	0.730	2.240
	1145			.3		46164	2 4 0		3.0	0.172	0.051	0.560	1.520	0.960	2.455
	1215			.3		46165	2 4 0		3.5	0.142	0.048	0.550	1.300	0.750	2.205
	1245			.3		46166	2 4 0		2.6	0.156	0.045	0.540	1.340	0.800	2.205
	1625			.3		46167	2 4 0		2.6	0.118	0.041	0.470	1.150	0.680	2.065
				.3		46168	2 3 0		2.0	0.052	0.010	0.018	0.540	0.522	1.270

(C O N T D)

03 09 78	0445	.3	46182	2 4 0		2.4	0.242	0.024	0.550	1.320	0.770	1.960
	0515	.3	46183	2 4 0		2.5	0.306	0.023	0.530	1.400	0.870	2.065
	0545	.3	46184	2 4 0		0.2	0.276	0.021	0.600	1.400	0.800	2.040
	0615	.3	46185	2 4 0		4.4	0.210	0.018	0.560	1.400	0.840	2.135
	0645	.3	46186	2 4 0		3.8	0.155	0.015	0.500	1.200	0.700	2.010
	0715	.3	46187	2 4 0		4.0	0.165	0.012	0.408	1.250	0.842	2.115
	0745	.3	46188	2 4 0		4.4	0.180	0.029	0.356	1.300	0.944	2.245
	1140	.3	46189	2 4 0	21.0	3.0	0.160	0.011	0.232	0.950	0.718	1.660
		.3	46190	2 3 0	21.0	1.8	0.110	0.005	0.008	1.450	1.442	2.030
11 09 78	1510	.3	46192	2 3 0	24.2	2.0	0.038	0.001	0.004	0.550	0.546	3.430
		.3	46193	2 4 0	24.2	3.0	0.064	0.005	0.300	0.870	0.570	3.200
	2330	.3	46196	2 4 0		3.6	0.148	0.014	0.950	1.550	0.600	2.525
12 09 78	0030	.3	46197	2 4 0		3.5	0.132	0.015	0.950	1.700	0.750	2.700
	0100	.3	46198	2 4 0		3.0	0.118	0.012	0.910	1.680	0.770	2.730
	0130	.3	46199	2 4 0		4.0	0.118	0.009	0.830	1.620	0.790	2.700
	0200	.3	46200	2 4 0		4.0	0.110	0.008	0.920	1.680	0.760	2.680
	0400	.3	46201	2 4 0		8.0	0.360	0.002	0.362	1.660	1.298	3.240
	0430	.3	46202	2 4 0		10.0	0.455	0.007	0.372	2.200	1.828	3.700
	0500	.3	46203	2 4 0		8.0	0.352	0.003	0.420	1.900	1.480	3.230
	1450	.3	46204	2 4 0	18.7	3.2	0.150	0.023	0.206	0.930	0.724	1.960
		.3	46205	2 3 0	18.7	2.8	0.100	0.020	0.204	0.760	0.556	1.860
14 09 78	0700	.3	46206	2 4 0		2.4	0.090	0.021	0.260	1.000	0.740	1.690
	0730	.3	46207	2 4 0		2.6	0.082	0.021	0.310	0.880	0.570	1.590
	1730	.3	46208	2 4 0		3.0	0.086	0.021	0.400	0.980	0.580	1.615
	2145	.3	46209	2 4 0		2.4	0.080	0.022	0.450	0.980	0.530	1.600
	2215	.3	46210	2 4 0		3.0	0.090	0.022	0.510	1.010	0.500	1.600
	2315	.3	46211	2 4 0		7.0	0.520	0.017	0.066	2.000	1.934	3.250
	2345	.3	46212	2 4 0		6.0	2.320	0.043	0.062	5.600	5.538	7.130
15 09 78	0015	.3	46213	2 4 0		6.0	1.340	0.043	0.072	5.400	5.328	6.880
	0045	.3	46214	2 4 0		5.0	0.730	0.030	0.066	0.775	0.709	2.105
	1050	.3	46215	2 4 0	18.0	2.8	0.280	0.037	0.080	1.560	1.480	2.410
		.3	46216	2 3 0	18.0	2.6	0.250	0.048	0.060	1.200	1.140	2.125
17 09 78	1020	.3	46229	2 4 0		5.5	9.600	0.115	0.024	18.800	18.776	20.150
	1050	.3	46230	2 4 0		6.0	5.050	0.205	0.024	11.100	11.076	12.550
	1105	.3	46231	2 4 0		4.5	3.850	0.175	0.042	6.700	6.658	8.050
	1130	.3	46232	2 4 0		4.5	3.800	0.095	0.062	7.000	6.938	8.300
	1200	.3	46233	2 4 0		4.5	2.380	0.092	0.054	3.000	2.946	3.740
	1230	.3	46234	2 4 0		4.0	1.040	0.085	0.066	1.800	1.734	2.335
	1300	.3	46235	2 4 0		4.0	1.210	0.090	0.058	2.300	2.242	2.840
	1330	.3	46236	2 4 0		3.0	1.220	0.120	0.054	1.900	1.846	2.490
	1345	.3	46237	2 4 0		3.0	1.600	0.155	0.050	2.300	2.250	3.000
	1400	.3	46238	2 4 0		3.5	1.550	0.115	0.048	2.400	2.352	3.190
	1430	.3	46240	2 4 0		3.6	1.900	0.115	0.042	2.600	2.558	3.385
	1500	.3	46239	2 3 0		4.0	2.350	0.100	0.024	0.630	0.606	1.380
		.3	46241	2 4 0		3.5	1.500	0.095	0.024	2.500	2.476	3.315
	1530	.3	46242	2 4 0		3.5	1.500	0.095	0.038	2.300	2.262	3.120
	1600	.3	46243	2 4 0		5.0	1.900	0.175	0.162	3.100	2.938	3.990
	1630	.3	46244	2 4 0		3.5	1.450	0.090	0.202	2.500	2.298	3.400
	1700	.3	46245	2 4 0		4.0	1.350	0.125	0.048	2.300	2.252	3.165
	1730	.3	46246	2 4 0		3.5	1.350	0.170	0.056	2.200	2.144	3.065
18 09 78	1630	.3	46247	2 4 0		3.2	1.350	0.135	0.010	2.200	2.190	2.965
	1700	.3	46248	2 4 0		4.5	2.100	0.115	0.012	3.500	3.488	4.385
	1745	.3	46249	2 4 0		4.0	1.240	0.080	0.004	2.100	2.096	2.870
	1815	.3	46250	2 4 0		4.0	1.110	0.100	0.006	2.700	2.694	3.540
	1845	.3	46251	2 4 0		2.8	1.540	0.065	0.010	2.100	2.090	2.885
	1915	.3	46252	2 4 0		2.8	1.240	0.070	0.002L	1.700	1.698	2.530
	1945	.3	46253	2 4 0		2.5	1.290	0.060	0.002L	1.600	1.598	2.490
	2015	.3	46254	2 4 0								
	2045	.3	46255	2 4 0		5.0	3.600	0.070	0.002L	6.000	5.998	7.150
	2115	.3	46256	2 4 0		4.0	5.200	0.125	0.002L	9.900	9.898	10.900
	2145	.3	46257	2 4 0		3.5	1.080	0.100	0.056	1.700	1.644	2.600
		.3	46258	2 3 0		2.8	0.760	0.065	0.058	1.700	1.642	2.600
	2215	.3	46259	2 4 0		2.5	0.560	0.090	0.002L	1.800	1.798	2.725
	2245	.3	46260	2 4 0		2.5	0.620	0.085	0.018	1.200	1.182	2.085
	2315	.3	46261	2 4 0		2.8	0.710	0.055	0.022	1.300	1.278	2.175
	2345	.3	46262	2 4 0								
19 09 78	0015	.3	46263	2 4 0		2.5	1.080	0.055	0.024	1.400	1.376	2.325
	0045	.3	46264	2 4 0		2.5	0.650	0.050	0.026	1.300	1.274	2.250
	0115	.3	46265	2 4 0		2.0	0.750	0.075	0.030	1.300	1.270	2.275
	0145	.3	46266	2 4 0		2.2	0.710	0.065	0.028	1.300	1.272	2.300
	0215	.3	46267	2 4 0		2.2	0.660	0.085	0.036	1.400	1.364	2.450
30 09 78	1900	.3	46268	2 4 0		3.5	0.260	0.018	0.256	0.940	0.684	1.990
	1930	.3	46269	2 4 0		7.0	0.340	0.021	0.334	1.550	1.216	3.050
	2000	.3	46270	2 4 0		5.6	0.345	0.025	0.332	1.450	1.118	3.050
	2030	.3	46271	2 4 0		5.6	0.365	0.025	0.326	1.600	1.274	3.200
	2100	.3	46272	2 4 0		5.5	0.255	0.017	0.296	1.300	1.004	2.900
	2130	.3	46273	2 4 0		4.5	0.260	0.013	0.302	1.400	1.098	3.000
	2200	.3	46274	2 4 0		5.2	0.240	0.014	0.280	1.400	1.120	3.000
	2230	.3	46275	2 4 0		4.8	0.460	0.014	0.258	1.550	1.292	3.200
02 10 78	1700	.3	46276	2 4 0		1.2	0.094	0.017	0.284	0.940	0.656	2.040
		.3	46277	2 3 0		0.8	0.026	0.008	0.370	0.430	0.060	2.580
03 10 78	2000	.3	46288	2 4 0		2.8	0.103	0.030	0.248	0.780	0.532	1.735
	2030	.3	46289	2 4 0		2.4	0.089	0.021	0.212	0.740	0.528	1.790
	2100	.3	46290	2 4 0		3.0	0.081	0.018	0.120	0.690	0.570	1.690
	2130	.3	46291	2 4 0		2.4	0.190	0.016	0.214	0.880	0.666	1.980
	2200	.3	46292	2 4 0		3.2	0.104	0.017	0.210	0.780	0.570	1.830
	2230	.3	46293	2 4 0		4.8	0.156	0.022	0.028	0.740	0.712	1.790
	2400	.3	46294	2 4 0		8.0	1.250	0.036	0.056	3.400	3.344	4.450
04 10 78	0030	.3	46295	2 4 0		7.2	1.100	0.030	0.062	2.240	2.178	3.290
	0100	.3	46296	2 4 0		5.2	0.490	0.022	0.080	1.980	1.900	2.925
	0130	.3	46297	2 4 0		6.0	0.400	0.027	0.112	1.780	1.668	2.660
	0200	.3	46298	2 4 0		5.2	0.690	0.041	0.050	1.900	1.850	2.750
	0230	.3	46299	2 4 0		4.6	0.610	0.047	0.072	1.440	1.368	2.240
	0300	.3	46300	2 4 0		4.2	1.360	0.029	0.044	1.280	1.236	2.035
	0330	.3	46301	2 4 0		3.8	0.290	0.024	0.026	0.760	0.734	1.440
	0400	.3	46302	2 4 0		3.6	0.116	0.027	0.022	0.540	0.518	1.205
	0430	.3	46303	2 4 0		3.2	0.140	0.026	0.024	0.600	0.576	1.280
	0500	.3	46304	2 4 0		3.2						
	1750	.3	46305	2 4 0		2.6	0.064	0.028	0.050	0.480	0.430	1.680
		.3	46306	2 3 0				0.021	0.004			
05 10 78	2130	.3	46338	2 4 0		0.6	0.114	0.028	0.278	0.750	0.472	1.250
	2200	.3	46339	2 4 0		1.6	0.350	0.030	0.204	1.080	0.876	1.785
	2230	.3	46340	2 4 0		1.4	0.370	0.042	0.242	1.240	0.998	2.640
	2300	.3	46341	2 4 0		1.4	0.310	0.030	0.252	1.280	1.028	3.230
	2330	.3	46342	2 4 0		1.6	0.248	0.028	0.228	1.480	1.252	3.330
	2400	.3	46343	2 4 0		1.4	0.210	0.025	0.222	0.860	0.638	2.810
06 10 78	0030	.3	46344	2 4 0		1.6	1.620	0.027	0.208	8.100	7.892	10.000
	0100	.3	46345	2 4 0		1.0	0.124	0.027	0.200	0.720	0.520	2.520
	0130	.3	46346	2 4 0		1.4	0.134	0.025	0.180	1.180	1.000	2.830
	0230	.3	46347	2 4 0		1.4	0.174	0.027	0.200	1.020	0.820	2.820
	0300	.3	46348	2 4 0		1.4	0.170	0.031	0.202	0.960	0.758	2.810
	0330	.3	46349	2 4 0		1.4	0.156	0.031	0.196	0.860	0.664	2.660
	0400	.3	46350	2 4 0		1.4	0.070	0.027	0.198	0.510	0.312	2.260
	0430	.3	46351	2 4 0		1.6	0.120	0.027	0.184	0.860	0.676	2.560
	0500	.3	46352	2 4 0		2.0	0.170	0.026	0.172	0.780	0.608	2.380
	0530	.3	46353	2 4 0		0.8	0.104	0.025	0.168	0.780	0.612	2.280
	2015	.3	46357	2 4 0		2.2	0.098	0.015	0.136	0.790	0.654	2.240
		.3	46358	2 3 0		3.5	0.092	0.002	0.032	0.560	0.528	2.360
12 10 78	0100	.3	46368	2 4 0		4.3	0.157	0.017	0.367	1.420	1.053	2.820
	0130	.3	46369	2 4 0		3.2	0.090	0.012	0.580	1.140	0.560	2.140
	0200	.3	46370	2 4 0		3.0	0.091	0.013	0.590	1.120	0.530	2.120
	0230	.3	46371	2 4 0		3.0	0.071	0.013	0.570	1.120	0.550	2.120

(C O N T D)

PLUARG

B.O.W./ SITE: SCHNEIDER CREEK
SAMPLE POINT: AT HAYWARD AVE KITCHENER UL-23
STATION TYPE: RIVER

STATION ID: 16-0184-085-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 85 LAT: LONG: U T M: 17 0544550.0 4806750.0 4 REGION: 02 MILEAGE: 101.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
	0300			.3		46372	2 4 0		2.4	0.047	0.009	0.420	0.770	0.350	1.770
	0330			.3		46373	2 4 0		2.7	0.087	0.004	0.316	1.000	0.684	2.050
	0400			.3		46374	2 4 0		3.5	0.103	0.002	0.172	1.060	0.888	2.160
	0430			.3		46375	2 4 0		3.0	0.029	0.002	0.108	0.490	0.382	1.590
15 10 78	1630			.3		46376	2 4 0		0.8	0.023	0.003	0.362	0.440	0.078	1.010
				.3		46377	2 3 0		0.2	0.014	0.001	0.002	0.320	0.318	1.090
17 10 78	1505			.3		46380	2 4 0	13.5	1.6	0.047	0.003	0.043	0.590	0.547	1.590
				.3		46381	2 3 0	13.5	0.5	0.031	0.001	0.002	0.550	0.548	1.600
23 10 78	0945			.3		46398	2 4 0		3.0	0.120	0.005	0.660	1.400	0.740	2.275
	1015			.3		46399	2 4 0		3.0	0.102	0.003	0.590	1.300	0.710	2.185
	1045			.3		46400	2 4 0		2.6	0.076	0.003	0.670	1.120	0.450	2.035
	1115			.3		46401	2 4 0		3.5	0.042	0.003	0.600	0.720	0.120	1.670
	1145			.3		46402	2 4 0		2.8	0.122	0.002	0.620	1.640	1.020	2.550
	1215			.3		46403	2 4 0		3.0	0.116	0.005	0.630	1.560	0.930	2.480
	1320			.3		46405	2 3 0	12.0	12.0	0.195	0.003	0.002	1.390	1.388	2.305
25 10 78	1900			.3		46410	2 4 0		1.8	0.112	0.006	0.262	1.000	0.738	2.950
	1930			.3		46411	2 4 0		1.8	0.112	0.006	0.371	1.160	0.789	2.110
	2000			.3		46412	2 4 0		3.6	0.234	0.008	0.318	1.200	0.882	2.200
	2030			.3		46413	2 4 0		4.4	0.278	0.009	0.104	1.140	1.036	2.090
	2100			.3		46414	2 4 0		5.2	0.284	0.007	0.105	1.260	1.155	2.210
	2130			.3		46415	2 4 0		6.4	0.316	0.005	0.096	1.540	1.444	2.415
	2200			.3		46416	2 4 0		5.6	0.302	0.007	0.102	1.420	1.318	2.220
	2230			.3		46417	2 4 0		5.0	0.384	0.007	0.096	1.400	1.304	2.135
	2300			.3		46418	2 4 0		4.6	0.324	0.010	0.104	1.540	1.436	2.155
	2330			.3		46419	2 4 0		3.8	0.250	0.009	0.096	1.280	1.184	1.880
	2400			.3		46420	2 4 0		4.0	0.264	0.009	0.092	1.240	1.148	1.870
26 10 78	0030			.3		46421	2 4 0		3.6	0.215	0.003	0.026	1.260	1.234	1.710
	1200			.3		46408	2 4 0	10.0	4.4	0.186	0.008	0.002L	0.900	0.898	1.900
				.3		46409	2 3 0	10.0	4.4	0.152	0.022	0.002L	0.780	0.778	1.880
13 11 78	2230			.3		46443	2 4 0		5.2	0.110	0.003	0.286	1.400	1.114	3.700
	2300			.3		46444	2 4 0		5.2	0.295	0.006	0.768	1.850	1.082	3.250
	2330			.3		46445	2 4 0		8.0	0.670	0.022	0.337	2.350	2.013	4.000
	2400			.3		46446	2 4 0		8.4	0.445	0.009	0.218	2.050	1.832	3.600
14 11 78	0030			.3		46447	2 4 0		10.5	0.460	0.007	0.173	2.260	2.087	3.560
	0100			.3		46448	2 4 0		13.0	0.750	0.023	0.085	2.700	2.615	4.100
	0130			.3		46449	2 4 0		13.0	0.760	0.018	0.109	2.620	2.511	3.550
	0200			.3		46450	2 4 0		10.0	0.510	0.015	0.117	2.150	2.033	3.100
	0230			.3		46451	2 4 0		6.0	0.380	0.013	0.136	1.560	1.424	2.485
	0300			.3		46452	2 4 0		5.2	0.305	0.012	0.104	1.320	1.216	2.210
	0330			.3		46453	2 4 0		4.4	0.238	0.012	0.094	1.180	1.086	2.090
	0400			.3		46454	2 4 0		4.6	0.310	0.013	0.094	1.220	1.126	2.145
	0430			.3		46455	2 4 0		4.6	0.220	0.012	0.087	1.100	1.013	2.020
19 11 78	1400			.3		46456	2 4 0	8.0	3.4	0.405	0.006	0.122	1.300	1.178	3.800
				.3		46457	2 3 0	8.0	0.6	0.180	0.141	0.079	0.490	0.411	5.190
23 11 78	0900			.3		46503	2 4 0		0.6	0.470	0.032	0.164	1.520	1.356	2.820
	0930			.3		46504	2 4 0		0.8	0.150	0.034	0.268	0.920	0.652	2.270
	1000			.3		46505	2 4 0		0.8	0.138	0.035	0.274	0.760	0.486	2.110
	1030			.3		46506	2 4 0		0.6	0.118	0.030	0.264	0.800	0.536	2.150
	1100			.3		46507	2 4 0		0.6	0.535	0.008	0.106	2.600	2.494	3.425
	1130			.3		46508	2 4 0		1.0	0.515	0.010	0.086	2.200	2.114	2.915
	1200			.3		46509	2 4 0	3.0	1.2	0.435	0.013	0.108	1.580	1.472	2.175
				.3		46510	2 3 0	3.0	1.6	0.405	0.013	0.101	1.740	1.639	2.265
	1230			.3		46511	2 4 0		0.8	0.465	0.022	0.148	1.760	1.612	2.355
	1300			.3		46512	2 4 0		1.0	0.490	0.017	0.122	1.800	1.678	2.445
	1330			.3		46513	2 4 0		1.2	0.415	0.012	0.076	1.680	1.604	2.395
	1400			.3		46514	2 4 0		0.6	0.505	0.018	0.092	1.820	1.728	2.555
	1430			.3		46515	2 4 0		0.6	0.425	0.019	0.076	1.620	1.544	2.360
	1500			.3		46516	2 4 0		0.8	0.336	0.020	0.080	1.360	1.280	2.110
	1530			.3		46517	2 4 0		1.0	0.360	0.026	0.090	1.320	1.230	2.135
	1600			.3		46518	2 4 0		0.8	0.282	0.024	0.108	1.220	1.112	1.960
	1630			.3		46519	2 4 0		0.8	0.246	0.023	0.104	1.180	1.076	1.925
	1700			.3		46520	2 4 0		0.8	0.252	0.024	0.076	1.260	1.184	1.985
	1730			.3		46521	2 4 0		1.0	0.242	0.031	0.134	1.140	1.006	2.085
	1800			.3		46522	2 3 0	5.0	1.4	0.336	0.032	0.152	1.160	1.008	2.110
				.3		46523	2 4 0	5.0	1.4	0.260	0.025	0.164	1.100	0.936	2.350
24 11 78	1330			.3		46524	2 3 0	6.0	1.2	0.116	0.049	0.082	0.780	0.698	2.230
	1745			.3		46525	2 4 0	6.0	1.0	0.180	0.043	0.072	0.860	0.788	2.310
03 12 78	2106			.3		46551	2 4 0		2.8	0.155	0.013	1.040	1.650	0.610	1.795
	2130			.3		46552	2 4 0		2.2	0.126	0.014	1.090	1.590	0.500	1.710
	2200			.3		46553	2 4 0		1.4	0.119	0.013	1.050	1.570	0.520	1.730
	2230			.3		46554	2 4 0		1.8	0.118	0.014	1.060	1.600	0.540	1.800
	2300			.3		46555	2 4 0		1.8	0.147	0.013	1.020	1.620	0.600	1.875
04 12 78	0130			.3		46556	2 4 0		8.6	0.890	0.022	0.390	2.260	1.870	3.110
	0200			.3		46557	2 4 0		7.5	0.560	0.012	0.300	1.920	1.620	2.820
	0230			.3		46558	2 4 0		8.5	0.358	0.014	0.288	1.800	1.512	2.650
	0300			.3		46559	2 4 0		8.0	0.390	0.009	0.246	1.920	1.674	2.770
	0330			.3		46560	2 4 0		7.0	0.430	0.023	0.238	2.000	1.762	2.835
	0400			.3		46561	2 4 0		7.5	0.430	0.008	0.202	1.880	1.678	2.705
	0430			.3		46562	2 4 0		7.0	0.350	0.013	0.200	1.780	1.580	2.615
	0500			.3		46563	2 4 0		6.5	0.380	0.017	0.212	1.700	1.488	2.540
	0530			.3		46564	2 4 0		6.0	0.348	0.024	0.202	1.620	1.418	2.450
	0600			.3		46565	2 4 0		6.0	0.288	0.027	0.184	1.460	1.276	2.260
	0700			.3		46566	2 4 0		4.0	0.268	0.037	0.174	1.380	1.206	2.185
	0730			.3		46567	2 4 0		4.0	0.240	0.045	0.302	1.380	1.078	2.930
06 12 78	1700			.3		46568	2 4 0		5.0	0.152	0.027	0.246	1.460	1.214	3.960
	1701			.3		46569	2 4 0		5.5	0.128	0.025	0.224	1.440	1.216	4.140
MAXIMUM								26.0	18.0	9.600	0.288	2.400	18.800	18.776	20.150
AVG OR GEOM MN (*)								10.6	3.9U	0.500	0.042D	0.312D	1.723	1.409	2.836
MINIMUM								0.0	0.2	0.014	0.001	0.002	0.320	0.060	0.770
NO OF SAMPLES								64	262	311	314	314	311	311	311

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PU	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
04 01 78	1505			.3		4.240	4.3	1550	4.90		0.380	12.0	5.0		
09 01 78	1500			.3		1.450	22.0	1990	29.00				5.0		
20 01 78	1235			.3		2.280	6.8	2180	5.30			22.0			
25 01 78	1425			.3		1.300	7.3	4950	11.00						
03 02 78	1445			.3		1.100	8.8	1790	5.00		0.330	18.0	5.0		
24 02 78	1315			.3		1.600	5.0	1660	5.80						
06 03 78	1405			.3		0.515	364.0	2130	150.00						
08 03 78	1635			.3		1.380	151.0	2120	64.00			4.0			
				.3		0.580	102.0	2120	47.00						
10 03 78	1145			.3		1.850	55.0	1960	31.00						
				.3		5.400	57.0	1760	34.00						
14 03 78	0700			.3		1.770	294.0	1680	160.00		12.000		34.0		
	0800			.3		2.120	477.0	1315	175.00		16.000		53.0		
	1100			.3		1.870	253.0	1045	140.00		13.000		45.0		
	1205			.3		1.500	563.0	820	175.00		18.000		65.0		
				.3		1.370	730.0	820	140.00		21.000	12.0	46.0	0.007	0.130
	1300			.3		1.470	429.0	860	140.00				46.0	0.007	0.130
	1800			.3		1.300	158.0	910	86.00				46.0	0.007	0.130
15 03 78	1125			.3		1.520	59.0	1020	83.00				46.0	0.007	0.130
				.3		2.020	89.0	1290	63.00			3.0	46.0	0.007	0.130
20 03 78	1515			.3		0.690	55.0	1610	37.00				46.0	0.007	0.130
				.3		1.970	195.0	1520	66.00			9.0	46.0	0.007	0.130
21 03 78	0230			.3		1.250	144.0	1465	120.00		7.700		34.0		
	0330			.3		1.650	471.0	1180	170.00		14.000		43.0		
	0430			.3		1.250	374.0	895	130.00		14.000		44.0		
	0730			.3		1.150	79.0	825	110.00		5.600		26.0		
	1030			.3		1.150	116.0	825	73.00		4.500		17.0		
	1145			.3		1.150	264.0	735	150.00		9.400		38.0		
				.3		1.170	325.0	640	180.00		12.000	10.0	33.0	0.004	0.090
	1500			.3		1.170	231.0	590	130.00		8.000		23.0		
	1700			.3		1.320	157.0	595	130.00		8.500		16.0		
22 03 78	1310			.3		1.320	94.0	735	120.00		6.000		10.0		
				.3		1.500	417.0	1000	175.00		10.000	2.0	14.0		
	1800			.3		1.370	223.0	800	160.00		3.500		3.0		
	1945			.3		1.370	241.0	765	160.00		9.800		3.1		
	2300			.3		1.370	197.0	765	140.00		8.600		3.2		
23 03 78	1300			.3		1.400	78.0	810	73.00		3.000		3.3		
				.3		1.420	307.0	785	93.00		9.100	2.0	3.2		
28 03 78	1415			.3		2.000	30.0	1255	26.00				3.2		
03 04 78	1720			.3		1.950	48.0	1099	27.00		2.200	1.0L	3.2		
04 04 78	1225			.3		1.550	42.0	760	36.00				3.2		
				.3		2.500	257.0					3.0			
05 04 78	1150			.3		2.550	100.0	720	42.00		3.800	3.0	3.7		
07 04 78	1010			.3		1.780	1593.0	520	280.00		37.500		3.9		
				.3		1.800	160.0	580	82.00		5.250	1.5	3.8		
11 04 78	1055			.3		1.100	474.0	445	210.00		16.000	7.0	5.2	0.004	0.040
	1740			.3		1.650	2086.0	475	300.00		32.500	2.0	4.9		
19 04 78	0945			.3		1.300	140.0	540	72.00			4.0	4.9		
11 05 78	1400			.3		1.280	5.9	1230	4.70		0.220		4.0		
13 05 78	1530			.3		0.600	1646.0	420	470.00		60.000		8.0		
	1600			.3		0.565	964.0	400	310.00		20.500		4.8		
01 06 78	1400			.3		0.565	8.4	1240	4.20		0.200		3.2		
20 06 78	1410			.3		0.170	5.4	1240		95.0					
03 07 78	1200			.3		0.580	38.0	1090		83.0					
	1230			.3		0.485	37.0	1100		80.0					
	1245			.3		0.540	27.0	1060		75.0					
	1315			.3		0.510	82.0	1080		80.0					
18 07 78	1215			.3		0.460	5.7	1470		100.0					
				.3		0.390	3.2	1480		100.0					
27 07 78	1200			.3		1.350	10.0	1320		100.0					
				.3		1.500	14.0	1290		103.0					
				.3		1.550	16.0	1260		100.0					
				.3		1.580	16.0	1210		95.0					
				.3		0.920	125.0	1220							
				.3		0.935	14.0	1200		108.0					
				.3		1.130	67.0	1220		113.0					
				.3		1.130	71.0	1200		110.0					
				.3		1.150	39.0	1160		105.0					
03 08 78	1300			.3		0.715	15.0	600		65.0					
	1335			.3		0.810	8.1	600		67.0					
	1400			.3		0.815	6.5	600		55.0					
	1430			.3		0.800	70.0	610		63.0					
	1500			.3		0.795	16.0	620		59.0					
	1530			.3		0.800	15.0	620		62.0					
	1615			.3		0.760	12.0	630		60.0					
	1645			.3		0.750	34.0	640		63.0					
	1715			.3		0.700	9.0	640		58.0					
04 08 78	1420			.3		1.260	8.6	960		103.0					
				.3		1.380	6.0	990		105.0					
16 08 78	0930			.3		0.300	20.0	1020		90.0					
	0955			.3		0.265	20.0	1020		90.0					
	1025			.3		0.365	23.0	1020		85.0					
	1045			.3		0.970	123.0	1020		70.0					
	1115			.3		0.880	80.0	1030		75.0					
	1145			.3		0.940	72.0	1020		73.0					
	1215			.3		0.940	56.0	1000		73.0					
	1245			.3		0.960	55.0	1010		73.0					
	1315			.3		0.780	27.0	1190		68.0					
				.3		0.430	12.0	1500		65.0					
24 08 78	1330			.3		0.330	74.0	960		56.0					
	1400			.3		0.370	24.0	930		56.0					
	1430			.3		1.100	207.0	1040		62.0					
	1500			.3		1.130	135.0	910		54.0					
	1530			.3		1.230	90.0	870		54.0					
	1600			.3		1.200	74.0	920		54.0					
	1630			.3		1.100	59.0	990		54.0					
25 08 78	1430			.3		0.895	17.0	1160		73.0					
				.3		0.975	2.1	1360		88.0					
28 08 78	0830			.3		0.440	27.0	1010		62.0					
	0900			.3		0.420	24.0	1000		62.0					
	0945			.3		0.925	200.0	1190		88.0					
	1015			.3		0.960	71.0	1170		93.0					
	1045			.3		0.965	54.0	1120		83.0					
	1115			.3		0.960	45.0	1120		83.0					
	1145			.3		0.935	40.0	1140		83.0					
	1215			.3		0.905	38.0	1170		83.0					
	1245			.3		0.865	34.0	1200		80.0					
	1625			.3		0.915	18.0	1160		80.0					
				.3		0.730	7.1	1100		65.0					
03 09 78	0445			.3		0.640	210.0	810		44.5					
	0515			.3		0.665	151.0	840		47.0					
	0545			.3		0.640	125.0	860		48.0					
	0615			.3		0.735	142.0	680		55.0					
	0645			.3		0.810	80.0	925		65.0					
	0715			.3		0.865	97.0	970		66.0					
	0745			.3		0.945	100.0	1000		69.0					

(CONTD)

B.O.W./ SITE: SCHNEIDER CREEK
SAMPLE POINT: AT HAYWARD AVE KITCHENER UL-23
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-085-02

STORET CODE: 02
003
0150

STN NO: 85   LAT: LONG: U T M: 17 0544550.0 4806750.0 4   REGION: 02   MILEAGE: 101.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
	1140			.3		0.710	29.0	1210		67.0					
				.3		0.580	2.5	1450		65.0					
11 09 78	1510			.3		2.880	5.1	1480		98.0					
				.3		2.330	11.0	1450		95.0					
	2330			.3		0.975	29.0	1375		84.0					
12 09 78	0030			.3		1.000	28.0	1370		84.0					
	0100			.3		1.050	16.0	1370		89.0					
	0130			.3		1.080	14.0	1360		85.0					
	0200			.3		1.000	13.0	1350		85.0					
	0400			.3		1.580	122.0	930		55.0					
	0430			.3		1.500	245.0	740		44.0					
	0500			.3		1.330	177.0	730		36.0					
	1450			.3		1.030	51.0	600		30.0					
				.3		1.100	37.0	625		31.5					
14 09 78	0700			.3		0.690	18.0	620		29.0					
	0730			.3		0.710	13.0	620		30.5					
	1730			.3		0.635	11.0	630		31.0					
	2145			.3		0.620	8.5	660		33.5					
	2215			.3		0.590	12.0	660		33.5					
	2315			.3		1.250	353.0	820		46.0					
	2345			.3		1.530	1368.0	640		43.5					
15 09 78	0015			.3		1.480	583.0	600		40.0					
	0045			.3		1.330	340.0	600		37.0					
	1050			.3		0.850	87.0	500		28.5					
				.3		0.925	93.0	530		32.0					
17 09 78	1020			.3		1.350	4570.0	305		22.5					
	1050			.3		1.450	4791.0	275		22.0					
	1105			.3		1.350	3230.0	260		21.5					
	1130			.3		1.300	212.0	270		20.5					
	1200			.3		0.740	98.0	305		15.5					
	1230			.3		0.535	92.0	230		10.5					
	1300			.3		0.540	104.0	185		9.5					
	1330			.3		0.590	89.0	175		10.5					
	1345			.3		0.700	121.0	200		15.5					
	1400			.3		0.790	122.0	190		17.0					
	1430			.3		0.785	143.0	200		17.5					
	1500			.3		0.750	1013.0	205		19.5					
				.3		0.815	182.0	245		23.0					
	1530			.3		0.820	146.0	255		34.0					
	1600			.3		0.890	134.0	245		25.0					
	1630			.3		0.900	121.0	240		23.5					
	1700			.3		0.865	119.0	250		24.0					
	1730			.3		0.865	111.0	265		25.0					
18 09 78	1630			.3		0.765	127.0	270		19.0					
	1700			.3		0.885	184.0	255		19.0					
	1745			.3		0.770	88.0	230		15.5					
	1815			.3		0.840	63.0	235		17.0					
	1845			.3		0.785	82.0	245		15.0					
	1915			.3		0.830	940.0	290		17.5					
	1945			.3		0.890	782.0	290		18.0					
	2045			.3		1.150	2656.0	270		19.0					
	2115			.3		1.000	1603.0	270		17.0					
	2145			.3		0.900	656.0	255		15.5					
				.3		0.900	367.0	260		15.0					
	2215			.3		0.925	380.0	275		15.5					
	2245			.3		0.885	444.0	270		15.0					
	2315			.3		0.875	427.0	270		15.0					
19 09 78	0015			.3		0.925	532.0	295		17.5					
	0045			.3		0.950	573.0	295		18.5					
	0115			.3		0.975	477.0	300		18.5					
	0145			.3		1.000	560.0	310		19.5					
	0215			.3		1.050	604.0	315		21.0					
30 09 78	1900			.3		1.050	153.0	1090		92.0					
	1930			.3		1.500	390.0	910		75.0					
	2000			.3		1.600	241.0	980		85.0					
	2030			.3		1.600	169.0	980		85.0					
	2100			.3		1.600	134.0	970		85.0					
	2130			.3		1.600	127.0	970		84.0					
	2200			.3		1.600	87.0	960		82.0					
	2230			.3		1.650	138.0	960		85.0					
02 10 78	1700			.3		1.100	30.0	1260		127.0					
				.3		2.150	6.3	1560		146.0					
03 10 78	2000			.3		0.955	17.0	1180		100.0					
	2030			.3		1.050	12.0	1160		100.0					
	2100			.3		1.000	71.0	980		83.0					
	2130			.3		1.100	13.0	1150		103.0					
	2200			.3		1.050	22.0	1170		110.0					
	2230			.3		1.050	43.0	1120		98.0					
	2400			.3		1.050	708.0	860		54.0					
04 10 78	0030			.3		1.050	495.0	820		41.0					
	0100			.3		0.945	328.0	710		35.0					
	0130			.3		0.880	280.0	640		32.5					
	0200			.3		0.850	133.0	580		30.0					
	0230			.3		0.800	273.0	550		27.0					
	0300			.3		0.755	336.0	500		25.5					
	0330			.3		0.680	205.0	450		22.5					
	0400			.3		0.665	146.0	450		22.0					
	0430			.3		0.680	144.0	450		22.0					
	0500			.3			132.0	460							
	1750			.3		1.200	42.0	660		63.0					
				.3		1.750	45.0	760		86.0					
05 10 78	2130			.3		0.500	38.0	680		67.0					
	2200			.3		0.705	182.0	740		71.0					
	2230			.3		1.400	274.0	840		73.0					
	2300			.3		1.950	173.0	900		71.0					
	2330			.3		1.850	135.0	880		70.0					
	2400			.3		1.950	107.0	880		69.0					
06 10 78	0030			.3		1.900	83.0	860		68.0					
	0100			.3		1.800	70.0	880		66.0					
	0130			.3		1.650	59.0	900		66.0					
	0230			.3		1.800	66.0	850		70.0					
	0300			.3		1.850	61.0	860		72.0					
	0330			.3		1.800	63.0	860		73.0					
	0400			.3		1.750	50.0	880		77.0					
	0430			.3		1.700	46.0	880		75.0					
	0500			.3		1.600	43.0	880		74.0					
	0530			.3		1.500	36.0	900		73.0					
	2015			.3		1.450	29.0	960		80.0					
				.3		1.800	39.0	940		65.0					

(C O N T D)

12 10 78	0100	.3	1.400	48.0	1250		100.0					
	0130	.3	1.000	28.0	1260		108.0					
	0200	.3	1.000	24.0	1260		110.0					
	0230	.3	1.000	19.0	1260		113.0					
	0300	.3	1.000	20.0	1240		103.0					
	0330	.3	1.050	21.0	1180		100.0					
	0400	.3	1.100	34.0	1130		90.0					
	0430	.3	1.100	21.0	1140		85.0					
15 10 78	1630	.3	0.570	5.8	1440		135.0					
		.3	0.770	3.9	1550		148.0					
17 10 78	1505	.3	1.000	11.0	1440		100.0					
		.3	1.050	9.6	1460		98.0					
23 10 78	0945	.3	0.875	23.0	1420		118.0					
	1015	.3	0.885	22.0	1430		120.0					
	1045	.3	0.915	17.0	1440		128.0					
	1115	.3	0.950	17.0	1410		125.0					
	1145	.3	0.910	16.0	1400		123.0					
	1215	.3	0.920	14.0	1400		123.0					
	1320	.3	0.915	27.0	1200		120.0					
25 10 78	1900	.3	1.950	33.0	1410		103.0					
	1930	.3	0.950	24.0	1450		105.0					
	2000	.3	1.000	170.0	1430		103.0					
	2030	.3	0.950	207.0	1290		85.0					
	2100	.3	0.950	151.0	1250		80.0					
	2130	.3	0.875	153.0	1180		76.0					
	2200	.3	0.800	142.0	1120		71.0					
	2230	.3	0.735	256.0	1070		69.0					
	2300	.3	0.615	160.0	1090		72.0					
	2330	.3	0.600	119.0	1090		72.0					
	2400	.3	0.630	104.0	1070		78.0					
26 10 78	0030	.3	0.450	109.0	1030		70.0					
	1200	.3	1.000	78.0	790		60.0					
		.3	1.100	49.0	700		48.5					
13 11 78	2230	.3	2.300	35.0	1490		175.0					
	2300	.3	1.400	261.0	1440		160.0					
	2330	.3	1.650	341.0	1280		165.0					
	2400	.3	1.550	237.0	1280		170.0					
14 11 78	0030	.3	1.300	217.0	1160		145.0					
	0100	.3	1.400	325.0	660		89.0					
	0130	.3	0.930	340.0	700		51.0					
	0200	.3	0.950	260.0	720		45.5					
	0230	.3	0.925	192.0	750		46.0					
	0300	.3	0.890	147.0	800		46.0					
	0330	.3	0.910	123.0	790		45.5					
	0400	.3	0.925	110.0	780		45.0					
	0430	.3	0.920	97.0	770		44.0					
19 11 78	1400	.3	2.500	164.0	940		110.0					
		.3	4.700	12.0	1180		110.0					
23 11 78	0900	.3	1.300	264.0	1440		162.0					
	0930	.3	1.350	33.0	1400		142.0					
	1000	.3	1.350	29.0	1400		145.0					
	1030	.3	1.350	5.0	1400		145.0					
	1100	.3	0.825	363.0	780		102.0					
	1130	.3	0.715	353.0	700		75.0					
	1200	.3	0.595	380.0	740		60.0					
		.3	0.525	269.0	840		52.0					
	1230	.3	0.595	358.0	900		62.0					
	1300	.3	0.645	391.0	980		77.0					
	1330	.3	0.715	347.0	910		75.0					
	1400	.3	0.735	408.0	820		65.0					
	1430	.3	0.740	303.0	770		65.0					
	1500	.3	0.750	255.0	690		57.0					
	1530	.3	0.815	222.0	630		55.0					
	1600	.3	0.740	171.0	590		52.0					
	1630	.3	0.745	151.0	580		52.0					
	1700	.3	0.725	166.0	580		52.0					
	1730	.3	0.945	140.0	560		52.0					
	1800	.3	0.950	217.0	510		45.0					
		.3	1.250	176.0	550		46.5					
24 11 78	1330	.3	1.450	94.0	850		74.0					
	1745	.3	1.450	43.0	840		70.0					
03 12 78	2106	.3	0.145	46.0	2050		475.0					
	2130	.3	0.120	21.0	2050		420.0					
	2200	.3	0.160	20.0	2000		400.0					
	2230	.3	0.200	17.0	2050		410.0					
	2300	.3	0.255	31.0	2100		430.0					
04 12 78	0130	.3	0.850	1003.0	2600		700.0					
	0200	.3	0.900	455.0	2350		600.0					
	0230	.3	0.850	293.0	2100		525.0					
	0300	.3	0.850	321.0	2200		375.0					
	0330	.3	0.835	342.0	2300		650.0					
	0400	.3	0.825	357.0	2150		637.0					
	0430	.3	0.835	320.0	2000		575.0					
	0500	.3	0.840	318.0	1900		587.0					
	0530	.3	0.830	272.0	1700		537.0					
	0600	.3	0.800	201.0	1600		462.0					
	0700	.3	0.805	177.0	1450		425.0					
	0730	.3	1.550	160.0	1350		400.0					
06 12 78	1700	.3	2.500	63.0	2450		0.6					
	1701	.3	2.700	46.0	2550		0.6					
MAXIMUM			5.400	4791.0	4950	470.00	700.0	60.000	22.0	65.0	0.007	0.130
AVG OR GEOM MN (*)			1.119	223.6	1000	110.39	96.4	11.896	6.8D	21.0	0.006	0.116
MINIMUM			0.120	2.1	175	4.20	0.6	0.200	1.0	3.0	0.004	0.040
NO OF SAMPLES			314	315	314	51	261	33	17	43	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
04 01 78	1505			.3			0.014	0.006	0.001L	0.043	
09 01 78	1500			.3			0.014	0.006	0.001L	0.043	
20 01 78	1235			.3			0.011	0.006	0.001L	0.042	
25 01 78	1425			.3			0.011	0.006	0.001L	0.042	
03 02 78	1445			.3			0.013	0.009	0.001L	0.041	
24 02 78	1315			.3			0.014	0.009	0.001L	0.031	
06 03 78	1405			.3			0.014	0.009	0.001L	0.031	
08 03 78	1635			.3			0.024	0.110	0.001L	0.110	
				.3			0.024	0.110	0.001L	0.110	
10 03 78	1145			.3			0.024	0.110	0.001L	0.110	
				.3			0.024	0.110	0.001L	0.110	
14 03 78	1205			.3		0.068	0.130	0.660	0.004	0.700	0.022
	1300			.3		0.068	0.130	0.660	0.004	0.700	0.022
	1800			.3		0.068	0.130	0.660	0.004	0.700	0.022
15 03 78	1125			.3		0.068	0.130	0.660	0.004	0.700	0.022
				.3		0.068	0.130	0.660	0.004	0.700	0.022
20 03 78	1515			.3		0.068	0.130	0.660	0.004	0.700	0.022
				.3		0.068	0.130	0.660	0.004	0.700	0.022
21 03 78	1145			.3		0.030	0.051	0.280	0.001	0.280	0.016
22 03 78	1310			.3			0.030	0.060	0.001L	0.130	

(CONTD)

PLUARG

B.O.W./ SITE: SCHNEIDER CREEK
SAMPLE POINT: AT HAYWARD AVE KITCHENER UL-23
STATION TYPE: RIVER

STATION ID: 16-0184-085-02

STORET CODE: 02
003
0150

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STN NO: 85 LAT: LONG: U T M: 17 0544550.0 4806750.0 4 REGION: 02 MILEAGE: 101.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
23 03 78	1300			.3			0.022	0.069	0.001L	0.110	
28 03 78	1415			.3			0.022	0.069	0.001L	0.110	
03 04 78	1720			.3			0.022	0.069	0.001L	0.110	
04 04 78	1225			.3			0.022	0.069	0.001L	0.110	
				.3			0.022	0.099	0.001L	0.120	
05 04 78	1150			.3			0.022	0.040	0.001L	0.080	
07 04 78	1010			.3			0.012	0.016	0.001L	0.048	
11 04 78	1055			.3		0.020	0.030	0.100	0.001L	0.140	0.009
	1740			.3			0.048	0.076	0.001L	0.220	
19 04 78	0945			.3			0.048	0.076	0.001L	0.220	
01 06 78	1400			.3				0.003L			
20 06 78	1410			.3				0.003L			
03 07 78	1200			.3				0.035		1.700	
	1230			.3				0.035		1.700	
	1245			.3				0.035		1.700	
	1315			.3				0:035		1.700	
18 07 78	1215			.3				0.003L			
				.3				0.003L			
27 07 78	1200			.3				0.013		2.800	
				.3				0.014		3.000	
				.3				0.021		2.800	
				.3				0.024		2.700	
				.3				0.024		2.700	
				.3				0.017		3.100	
				.3				0.028		3.100	
				.3				0.030		3.400	
				.3				0.022		0.015	
03 08 78	1300			.3				0.014		1.200	
	1335			.3				0.013		0.930	
	1400			.3				0.012		0.810	
	1430			.3				0.012		0.620	
	1500			.3				0.012		0.550	
	1530			.3				0.013		0.460	
	1615			.3				0.010		0.490	
	1645			.3				0.009		0.450	
	1715			.3				0.011		0.410	
04 08 78	1420			.3				0.007		0.430	
				.3				0.006		0.019	
16 08 78	0930			.3				0.006		0.019	
	0955			.3				0.006		0.019	
	1025			.3				0.006		0.019	
	1045			.3				0.006		0.019	
	1115			.3				0.006		0.019	
	1145			.3				0.006		0.019	
	1215			.3				0.006		0.019	
	1245			.3				0.006		0.019	
	1315			.3				0.006		0.019	
				.3				0.006		0.019	
24 08 78	1330			.3				0.013		2.900	
	1400			.3				0.013		3.200	
	1430			.3				0.130		1.000	
	1500			.3				0.120		0.630	
	1530			.3				0.093		0.570	
	1600			.3				0.083		0.570	
	1630			.3				0.015		0.430	
25 08 78	1430			.3				0.016		0.610	
				.3				0.004L		0.012	
28 08 78	0830			.3				0.017		2.500	
	0900			.3				0.011		2.500	
	0945			.3				0.082		1.300	
	1015			.3				0.042		0.880	
	1045			.3				0.059		0.900	
	1115			.3				0.050		0.850	
	1145			.3				0.037		0.800	
	1215			.3				0.028		0.760	
	1245			.3				0.026		0.750	
	1625			.3				0.023		0.880	
				.3				0.005L		0.017	
03 09 78	0445			.3				0.006L		0.015	
	0515			.3				0.006L		2.900	
	0545			.3				0.008L		2.600	
	0615			.3				0.008L		2.500	
	0645			.3				0.010		2.200	
	0715			.3				0.010		1.800	
	0745			.3				0.010		1.500	
	1140			.3				0.008L		0.840	
				.3				0.006L		0.010	
11 09 78	1510			.3				0.005L		0.013	
				.3				0.005L		0.760	
	2330			.3				0.024		2.900	
12 09 78	0030			.3				0.012		3.000	
	0100			.3				0.007		3.100	
	0130			.3				0.010		3.600	
	0200			.3				0.008		3.100	
	0400			.3				0.086		0.810	
	0430			.3				0.230		0.540	
	0500			.3				0.160		0.390	
	1450			.3				0.017		0.180	
				.3				0.005L		0.033	
14 09 78	0700			.3				0.006L		1.600	
	0730			.3				0.006L		1.600	
	1730			.3				0.006L		1.900	
	2145			.3				0.006L		1.900	
	2215			.3				0.008		2.000	
	2315			.3				0.180		0.770	
	2345			.3				0.200		0.700	
15 09 78	0015			.3				0.120		0.390	
	0045			.3				0.087		0.300	
	1050			.3				0.024		0.230	
				.3				0.015		0.057	
17 09 78	1020			.3				0.180		0.910	
	1050			.3				0.350		1.400	
	1105			.3				0.270		1.000	
	1130			.3				0.210		0.800	
	1200			.3				0.140		0.430	
	1230			.3				0.140		0.360	
	1300			.3				0.140		0.380	
	1330			.3				0.099		0.310	
	1345			.3				0.095		0.400	

(C O N T D)

	1400	.3	0.088	0.330
	1430	.3	0.006L	0.088
	1500	.3	0.006L	0.088
		.3	0.073	0.360
	1530	.3	0.006L	0.100
	1600	.3	0.025	0.160
	1630	.3	0.067	0.310
	1700	.3	0.060	0.300
	1730	.3	0.052	0.290
18 09 78	1630	.3	0.100	0.410
	1700	.3	0.120	0.450
	1745	.3	0.140	0.350
	1815	.3	0.130	0.340
	1845	.3	0.078	0.240
	1915	.3	0.060	0.270
	1945	.3	0.071	0.260
	2015	.3	0.180	0.750
	2045	.3	0.180	0.720
	2115	.3	0.190	0.590
	2145	.3	0.100	0.280
		.3	0.079	0.120
	2215	.3	0.077	0.110
	2245	.3	0.079	0.220
	2315	.3	0.072	0.220
	2345	.3	0.058	0.190
19 09 78	0015	.3	0.055	0.180
	0045	.3	0.045	0.190
	0115	.3	0.050	0.180
	0145	.3	0.040	0.180
	0215	.3	0.040	0.210
30 09 78	1900	.3	0.027	2.700
	1930	.3	0.120	1.400
	2000	.3	0.110	1.100
	2030	.3	0.100	1.100
	2100	.3	0.076	0.930
	2130	.3	0.068	0.960
	2200	.3	0.059	0.940
	2230	.3	0.068	1.000
02 10 78	1700	.3	0.006L	1.000
		.3	0.006L	0.010
03 10 78	2000	.3	0.005L	2.000
	2030	.3	0.005L	2.000
	2100	.3	0.005L	2.400
	2130	.3	0.005L	2.400
	2200	.3	0.005L	2.400
	2230	.3	0.005L	2.400
	2400	.3	0.140	0.880
04 10 78	0030	.3	0.140	0.880
	0100	.3	0.120	0.340
	0130	.3	0.110	0.320
	0200	.3	0.094	0.300
	0230	.3	0.075	0.380
	0300	.3	0.072	0.320
	0330	.3	0.050	0.230
	0400	.3	0.056	0.180
	0430	.3	0.050	0.160
	0500	.3	0.050	0.160
	1750	.3	0.013	0.300
		.3	0.012	0.028
05 10 78	2130	.3	0.008L	1.400
	2200	.3	0.023	1.400
	2230	.3	0.029	1.000
	2300	.3	0.025	0.850
	2330	.3	0.013	0.850
	2400	.3	0.019	0.680
06 10 78	0030	.3	0.025	0.700
	0100	.3	0.028	0.620
	0130	.3	0.017	0.560
	0230	.3	0.025	0.780
	0300	.3	0.019	0.840
	0330	.3	0.018	0.770
	0400	.3	0.013	0.720
	0430	.3	0.013	0.720
	0500	.3	0.020	0.79
	0530	.3	0.017	0.68
	2015	.3	0.036	0.62
		.3	0.046	0.70
12 10 78	0100	.3	0.046	0.70
	0130	.3	0.046	0.70
	0200	.3	0.046	0.70
	0230	.3	0.046	0.70
	0300	.3	0.046	0.70
	0330	.3	0.046	0.70
	0400	.3	0.046	0.70
	0430	.3	0.046	0.70
15 10 78	1630	.3	0.046	0.70
		.3	0.046	0.70
17 10 78	1505	.3	0.006L	0.350
		.3	0.004L	0.007
23 10 78	0945	.3	0.019	2.600
	1015	.3	0.020	2.300
	1045	.3	0.010	2.800
	1115	.3	0.018	2.600
	1145	.3	0.015	2.600
	1215	.3	0.015	2.700
	1320	.3	0.060	0.089
25 10 78	1900	.3	0.032	1.700
	1930	.3	0.021	3.000
	2000	.3	0.023	2.200
	2030	.3	0.045	0.960
	2100	.3	0.060	1.000
	2130	.3	0.082	0.740
	2200	.3	0.088	0.690
	2230	.3	0.087	0.660
	2300	.3	0.070	0.480
	2330	.3	0.068	0.420
	2400	.3	0.060	0.390
26 10 78	0030	.3	0.070	0.430
	1200	.3	0.060	0.400
		.3	0.078	0.084
13 11 78	2230	.3	0.057	1.900
	2300	.3	0.058	2.800
	2330	.3	0.100	1.800
	2400	.3	0.150	1.400
14 11 78	0030	.3	0.130	1.100
	0100	.3	0.250	0.840
	0130	.3	0.270	0.630
	0200	.3	0.190	0.510
	0230	.3	0.150	0.360
	0300	.3	0.130	0.340
	0330	.3	0.110	0.280
	0400	.3	0.110	0.500

(CONTD)

B.O.W./ SITE: SCHNEIDER CREEK
SAMPLE POINT: AT HAYWARD AVE KITCHENER UL-23
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-085-02

STORET CODE: 02
003
0150

STN NO: 85 LAT: LONG: U T M: 17 0544550.0 4806750.0 4 REGION: 02 MILEAGE: 101.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
	0430			.3				0.096		0.390	
19 11 78	1400			.3				0.041		0.760	
				.3				0.004		0.020	
23 11 78	0900			.3				0.050		1.900	
	0930			.3				0.012		1.300	
	1000			.3				0.007		1.400	
	1030			.3				0.011		1.400	
	1100			.3				0.300		0.520	
	1130			.3				0.270		0.390	
	1200			.3				0.210		0.300	
				.3				0.140		0.170	
	1230			.3				0.120		0.230	
	1300			.3				0.120		0.230	
	1330			.3				0.160		0.310	
	1400			.3				0.170		0.310	
	1430			.3				0.130		0.220	
	1500			.3				0.120		0.240	
	1530			.3				0.140		0.220	
	1600			.3				0.120		0.190	
	1630			.3				0.100		0.160	
	1700			.3				0.096		0.170	
	1730			.3				0.096		0.170	
	1800			.3				0.073		0.100	
				.3				0.091		0.160	
24 11 78	1330			.3				0.030		0.042	
	1745			.3				0.056		0.280	
03 12 78	2106			.3				0.015		2.100	
	2130			.3				0.006		1.600	
	2200			.3				0.010		1.300	
	2230			.3				0.009		1.600	
	2300			.3				0.009		1.600	
04 12 78	0130			.3				0.160		0.920	
	0200			.3				0.190		0.570	
	0230			.3				0.190		0.570	
	0300			.3				0.210		0.340	
	0330			.3				0.200		0.360	
	0400			.3				0.180		0.340	
	0430			.3				0.190		0.390	
	0500			.3				0.170		0.330	
	0530			.3				0.150		0.280	
	0600			.3				0.140		0.240	
	0700			.3				0.120		0.220	
	0730			.3				0.100		0.190	
06 12 78	1700			.3				0.050		0.390	
	1701			.3				0.060		0.090	
MAXIMUM						0.068	0.130	0.660	0.004	3.600	0.022
AVG OR GEOM MN (*)						0.058	0.048	0.077D	0.002D	0.831	0.020
MINIMUM						0.020	0.011	0.003	0.001	0.007	0.009
NO OF SAMPLES						9	30	296	30	292	9

B.O.W./ SITE: MONTGOMERY CREEK
SAMPLE POINT: AT VANIER AND SHELLEY DRIVE KITCHENER UL-24
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-086-02

STORET CODE: 02
003
0150

STN NO: 86 LAT: LONG: U T M: 17 0543750.0 4807700.0 4 REGION: 02 MILEAGE: 101.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
04 01 78	1535			.3		45806	2 3 0	0.0		0.018	0.003	0.050	0.420	0.370	3.960
09 01 78	1515			.3		45823	2 3 0	0.0		0.024	0.005	0.174	0.560	0.386	3.410
20 01 78	1255			.3		45839	2 3 0	0.0		0.007	0.004	0.058	0.360	0.302	3.860
25 01 78	1445			.3		45855	2 3 0	0.0		0.018	0.003	0.080	0.420	0.340	2.370
03 02 78	1505			.3		45870	2 3 0	0.4		0.015	0.003	0.102	0.430	0.328	3.740
24 02 78	1335			.3		45887	2 3 0	0.1		0.001	0.001	0.012	0.360	0.348	4.180
08 03 78	1720			.3		45893	2 3 0	1.5		0.146	0.001	0.690	23.000	22.310	24.850
10 03 78	1350			.3		45896	2 3 0	4.0		0.180	0.001L	0.322	2.150	1.828	4.280
12 03 78	1650			.3		45897	2 3 0	4.0		0.265	0.030	0.520	2.950	2.430	5.180
14 03 78	0800			.3		45903	2 4 0			0.540	0.006	0.430	3.400	2.970	4.950
	1015			.3		45904	2 4 0			0.420	0.018	0.560	3.600	3.040	5.150
	1100			.3		45905	2 4 0			0.710	0.016	0.400	4.400	4.000	5.470
	1200			.3		45906	2 4 0			0.590	0.017	0.390	4.700	4.310	5.720
	1325			.3		45907	2 4 0	1.0		0.300	0.053	0.500	3.600	3.100	4.770
				.3		45908	2 3 0	1.0		0.360	0.054	0.570	2.800	2.230	4.000
15 03 78	1310			.3		45913	2 4 0	4.0		0.106	0.053	0.460	1.500	1.040	4.000
				.3		45914	2 3 0	4.0		0.101	0.047	0.470	1.400	0.930	3.920
16 03 78	1500			.3		45923	2 4 0			0.150	0.029	0.400	1.850	1.450	3.750
20 03 78	1605			.3		45928	2 4 0	4.7		0.170	0.038	0.216	0.900	0.684	2.550
				.3		45929	2 3 0	4.7		0.145	0.042	0.260	1.050	0.790	2.570
21 03 78	0215			.3		45937	2 4 0			0.390	0.007	0.058	2.600	2.542	3.820
	0415			.3		45938	2 4 0			0.290	0.022	0.158	1.440	1.282	2.365
	1215			.3		45939	2 4 0			0.350	0.074	0.312	1.420	1.108	2.250
	1245			.3		45940	2 4 0	1.8		0.258	0.093	0.376	1.300	0.924	2.120
				.3		45941	2 3 0	1.8		0.306	0.060	0.376	1.480	1.104	2.300
	1700			.3		45947	2 4 0			0.190	0.069	0.234	1.180	0.946	2.180
22 03 78	1525			.3		45948	2 4 0	4.0		0.262	0.050	0.250	1.480	1.230	2.475
				.3		45949	2 3 0	4.0		0.286	0.055	0.240	1.620	1.380	2.615
23 03 78	1115			.3		45955	2 4 0	4.4		0.112	0.034	0.200	0.860	0.660	2.980
				.3		45956	2 3 0	4.4		0.084	0.035	0.194	0.780	0.586	2.880
27 03 78	1730			.3		45959	2 4 0			0.178	0.007	0.043	1.040	0.997	2.360
28 03 78	1545			.3		45960	2 4 0	3.8		0.026	0.011	0.059	0.520	0.461	3.620
				.3		45961	2 3 0	3.8		0.022	0.010	0.063	0.500	0.437	3.580
01 04 78	1730			.3		46001	2 4 0			0.146	0.063	0.186	0.820	0.634	1.545
04 04 78	1510			.3		46008	2 4 0	6.4		0.120	0.027	0.274	1.300	1.026	3.700
				.3		46009	2 3 0	6.4		0.094	0.013	0.168	1.100	0.932	3.500
06 04 78	2145			.3		46017	2 4 0			0.390	0.015	0.034	1.650	1.616	2.520
	2345			.3		46018	2 4 0			0.520	0.029	0.214	1.950	1.736	2.770
11 04 78	1340			.3		46027	2 3 0	5.4		0.162	0.037	0.116	0.720	0.604	1.625
19 04 78	1015			.3		46052	2 4 0	6.5		0.104	0.010	0.022	0.920	0.898	1.190

(C O N T D)

	.3	46053	2 3 0	6.5		0.082	0.001	0.002	0.840	0.838	1.125
11 05 78 1600	.3	46059	2 3 0	18.0		0.014	0.002	0.014	0.510	0.496	3.640
01 06 78 1550	.3	46072	2 3 0	24.0		0.024	0.001	0.034	0.580	0.546	
20 06 78 1240	.3	46075	2 3 0	21.0	1.8	0.040	0.004	0.046	0.660	0.614	4.110
03 07 78 1230	.3	46081	2 4 0		5.0	0.138	0.002	0.008	1.300	1.292	4.100
1300	.3	46082	2 4 0		14.0	0.160	0.002	0.034	1.020	0.986	3.350
1315	.3	46083	2 4 0		14.0	0.168	0.006	0.002	1.520	1.518	3.520
1345	.3	46084	2 4 0		17.0	0.310	0.006	0.002L	2.160	2.158	3.660
1400	.3	46085	2 4 0		15.0	0.314	0.031	0.002L	1.700	1.698	2.750
1430	.3	46086	2 4 0		13.0	0.310	0.013	0.002L	1.680	1.678	2.630
1500	.3	46087	2 4 0		10.0	0.232	0.027	0.002L	1.160	1.158	2.110
1530	.3	46088	2 4 0		10.0	0.242	0.007	0.002L	1.160	1.158	2.240
1600	.3	46089	2 4 0		10.0	0.204	0.007	0.002L	1.340	1.338	2.470
18 07 78 1350	.3	46093	2 4 0	22.0	0.5	0.017	0.001L	0.014	0.380	0.366	3.660
	.3	46094	2 3 0	22.0	0.4	0.010	0.001L	0.014	0.370	0.356	3.570
21 07 78 1320	.3	46096	2 4 0		28.0	0.128		0.046	2.280		4.730
1340	.3	46097	2 4 0		20.0	0.110	0.009	0.020	2.020		4.570
1410	.3	46098	2 4 0		23.0	0.100	0.004	0.014	2.020		3.570
1645	.3	46099	2 4 0		14.0	0.084	0.004	0.040	1.580		3.730
	.3	46100	2 3 0		14.0	0.084	0.004	0.006	1.400		2.950
16 08 78 0940	.3	46131	2 4 0		15.0	0.570	0.088	0.260	3.100	2.840	5.750
1000	.3	46132	2 4 0		15.0	0.560	0.027	0.228	2.800	2.572	4.390
1015	.3	46133	2 4 0		10.0	0.460	0.024	0.108	2.400	2.292	3.770
1030	.3	46134	2 4 0		13.0	0.680	0.144	0.248	2.600	2.352	3.850
1045	.3	46135	2 4 0		11.0	0.370	0.013	0.194	2.100	1.906	3.054
1100	.3	46136	2 4 0		8.5	0.315	0.022	0.242	1.700	1.458	2.760
1115	.3	46137	2 4 0		8.5	0.305	0.027	0.210	1.750	1.540	2.738
1145	.3	46138	2 4 0		7.0	0.204	0.039	0.272	1.320	1.048	2.430
1200	.3	46139	2 4 0		7.0	0.144	0.025	0.166	1.120	0.954	2.230
1215	.3	46140	2 4 0		7.5	0.164	0.022	0.174	1.160	0.986	2.270
1245	.3	46141	2 4 0		8.5	0.124	0.023	0.162	1.100	0.938	2.140
1300	.3	46142	2 4 0		6.5	0.098	0.019	0.140	1.080	0.940	2.450
1315	.3	46143	2 4 0		6.0	0.090	0.009	0.084	0.940	0.856	2.070
1415	.3	46144	2 4 0		6.5	0.070	0.009	0.086	0.900	0.814	2.250
1445	.3	46145	2 4 0		5.5	0.086	0.004	0.060	1.000	0.940	2.370
1500	.3	46146	2 4 0	24.0	6.0	0.070	0.002	0.058	0.920	0.862	2.250
	.3	46147	2 3 0	24.0	5.0	0.036	0.003	0.058	0.840	0.782	2.240
28 08 78 2330	.3	46169	2 4 0		6.5	0.470	0.016	0.166	2.650	2.484	3.590
2400	.3	46170	2 4 0		6.5	0.600	0.026	0.124	2.400	2.276	3.050
29 08 78 0080	.3	46171	2 4 0		6.0	0.355	0.015	0.106	2.050	1.944	2.680
0100	.3	46172	2 4 0		5.5	0.370	0.021	0.166	2.050	1.884	2.765
0130	.3	46173	2 4 0		4.0	0.190	0.024	0.184	1.600	1.416	2.320
0200	.3	46174	2 4 0		3.4	0.160	0.026	0.190	1.080	0.890	1.820
0230	.3	46175	2 4 0		4.0	0.225	0.020	0.180	1.300	1.120	2.010
0300	.3	46176	2 4 0		4.0	0.170	0.030	0.228	1.120	0.892	1.890
	.3	46177	2 3 0		3.6	0.150	0.028	0.226	1.020	0.794	1.790
0330	.3	46178	2 4 0		3.2	0.135	0.019	0.176	0.980	0.804	1.805
0400	.3	46179	2 4 0		3.4	0.140	0.019	0.184	1.000	0.816	1.865
0430	.3	46180	2 4 0		3.2	0.110	0.019	0.182	0.840	0.658	1.750
0500	.3	46181	2 4 0		2.6	0.094	0.019	0.174	0.840	0.666	1.790
11 09 78 1635	.3	46194	2 3 0	23.0	0.4	0.013	0.001	0.010	0.430	0.420	3.510
17 09 78 1035	.3	46217	2 4 0		5.5	0.820	0.021	0.074	2.600	2.526	2.930
1055	.3	46218	2 3 0		3.8	0.530	0.028	0.074	2.100	2.026	2.400
1115	.3	46219	2 3 0		2.8	0.350	0.040	0.096	2.500	2.404	2.800
1135	.3	46220	2 3 0		2.2	0.280	0.044	0.096	1.100	1.004	1.450
1155	.3	46221	2 3 0		2.2	0.240	0.044	0.092	1.000	0.908	1.415
1215	.3	46222	2 3 0		1.8	0.190	0.046	0.086	0.750	0.664	1.250
1330	.3	46223	2 3 0		1.4	0.120	0.048	0.068	0.700	0.632	1.750
1400	.3	46224	2 3 0		1.6	0.130	0.051	0.062	0.700	0.638	1.850
1430	.3	46225	2 3 0		1.2	0.106	0.043	0.060	0.720	0.660	1.970
1515	.3	46226	2 3 0		1.2	0.110	0.047	0.052	1.000	0.948	2.400

	.3	46228	2 3 0		2.0	0.097	0.045	0.054	0.950	0.896	2.340
30 09 78 1900	.3	46278	2 4 0		9.5	0.600	0.004	0.008	3.800	3.792	5.150
1930	.3	46279	2 4 0		7.0	0.325	0.016	0.400	2.150	1.750	3.400
2000	.3	46280	2 4 0		7.5	0.330	0.013	0.390	2.350	1.960	3.750
2030	.3	46281	2 4 0		5.6	0.240	0.017	0.410	1.950	1.540	3.300
2100	.3	46282	2 4 0		4.4	0.190	0.028	0.460	2.350	1.890	3.800
2130	.3	46283	2 4 0		4.0	0.145	0.027	0.410	2.650	2.240	4.300
2200	.3	46284	2 4 0		3.6	0.145	0.022	0.380	2.900	2.520	4.450
2230	.3	46285	2 4 0		3.4	0.140	0.007	0.022	2.700	2.678	5.750
02 10 78 1530	.3	46286	2 4 0		0.2	0.020	0.005	0.410	2.450	2.040	3.500
	.3	46287	2 3 0		0.2	0.024	0.007	0.016	1.100	1.084	4.150
03 10 78 2000	.3	46307	2 4 0		2.8	0.068	0.007	0.062	1.020	0.958	3.670
2030	.3	46308	2 4 0		4.2	0.196	0.014	0.132	1.160	1.028	2.810
2100	.3	46309	2 4 0		5.2	0.202	0.008	0.076	1.200	1.124	2.450
2130	.3	46310	2 4 0		4.6	0.182	0.009	0.060	1.140	1.080	2.190
2200	.3	46311	2 4 0		4.2	0.218	0.020	0.066	1.300	1.234	2.400
2230	.3	46312	2 4 0		4.0	0.140	0.016	0.062	1.180	1.118	2.330
2300	.3	46313	2 4 0		3.8	0.132	0.015	0.066	1.040	0.974	2.190
2330	.3	46314	2 4 0		3.8	0.132	0.010	0.054	0.840	0.786	1.890
2400	.3	46315	2 4 0		3.8	0.166	0.017	0.038	1.000	0.962	1.950
04 10 78 0030	.3	46316	2 4 0		3.8	0.160	0.011	0.028	0.800	0.772	1.675
0100	.3	46317	2 4 0		3.6	0.188	0.012	0.012	0.840	0.828	1.615
0130	.3	46318	2 4 0		3.4	0.136	0.016	0.014	0.780	0.766	1.580
0200	.3	46319	2 4 0		2.2	0.148	0.015	0.006	0.680	0.674	1.355
0230	.3	46320	2 4 0		2.8	0.142	0.015	0.060	0.600	0.540	1.135
0300	.3	46321	2 4 0		2.4		0.015				
0330	.3	46322	2 4 0		2.6	0.118	0.020	0.042	0.500	0.458	0.960
0400	.3	46323	2 4 0		1.8	0.640	0.017	0.046	0.700	0.654	1.165
0430	.3	46324	2 4 0		2.4	0.340	0.018		0.850		1.355
0500	.3	46325	2 4 0		2.8	0.200	0.022	0.026	0.680	0.654	1.330
2000	.3	46326	2 4 0		1.2	0.020	0.006	0.018	0.410	0.392	2.360
	.3	46327	2 3 0		1.8	0.020	0.005	0.024	0.390	0.366	2.340
05 10 78 2200	.3	46328	2 4 0		0.2	0.078	0.014	0.098	0.680	0.782	3.430
2230	.3	46329	2 4 0		2.2	0.182	0.034	0.344	1.520	1.176	3.370
2300	.3	46330	2 4 0		2.2	0.158	0.024	0.198	1.320	1.122	3.070
2330	.3	46331	2 4 0		2.8	0.126	0.012	0.184	1.260	1.076	2.810
2400	.3	46332	2 4 0		2.2	0.116	0.014	0.168	1.160	0.992	2.710
06 10 78 0030	.3	46333	2 4 0		1.6	0.130	0.029	0.144	1.120	0.976	2.620
0100	.3	46334	2 4 0		1.4	0.104	0.024	0.138	1.140	1.002	2.540
0130	.3	46335	2 4 0		1.0	0.090	0.017	0.100	1.100	1.000	2.450
0330	.3	46336	2 4 0		1.0	0.080	0.005	0.070	0.860	0.790	2.510
0400	.3	46337	2 4 0		1.4	0.080	0.005	0.060	0.900	0.840	2.300
2000	.3	46355	2 4 0		1.0	0.031	0.002	0.002L	0.590	0.588	2.640
	.3	46356	2 3 0		1.0	0.029	0.004	0.002L	0.600	0.598	2.650
12 10 78 0030	.3	46359	2 4 0		2.5	0.034	0.004	0.053	0.550	0.497	3.250
0100	.3	46360	2 4 0		2.5	0.016	0.002	0.015	0.400	0.385	3.150
0130	.3	46361	2 4 0		7.5	0.025	0.002	0.015	0.360	0.345	2.910
0200	.3	46362	2 4 0		6.8	0.043	0.002	0.017	0.440	0.423	2.840
0230	.3	46363	2 4 0		6.2	0.014	0.003	0.015	0.380	0.365	2.730
0300	.3	46364	2 4 0		5.6	0.020	0.003	0.028	0.360	0.332	2.510
0330	.3	46365	2 4 0		6.2	0.045	0.004	0.002	0.490	0.488	2.540
13 10 78 1600	.3	46366	2 4 0		0.4	0.011	0.001	0.004	0.380	0.376	3.280
	.3	46367	2 3 0		0.2	0.016	0.001	0.002	0.360	0.358	3.260
17 10 78 1625	.3	46382	2 4 0	12.0	1.5	0.011	0.001	0.006	0.230	0.224	3.330
	.3	46383	2 3 0	12.0	0.2	0.010	0.001	0.006	0.370	0.364	3.470
23 10 78 1115	.3	46389	2 4 0		15.0	0.181	0.006	0.002L	1.760	1.758	3.610
1145	.3	46390	2 4 0		13.0	0.185	0.005	0.002L	1.780	1.778	3.480
1205	.3	46391	2 4 0	11.0	18.0	0.165	0.010	0.002L	1.570	1.568	3.220
	.3	46392	2 3 0	11.0	18.0	0.163	0.007	0.002L	1.510	1.508	3.160
1245	.3	46393	2 4 0		14.0	0.077	0.005	0.002L	0.780	0.778	2.430
1315	.3	46394	2 4 0		12.0	0.072	0.006	0.002L	0.650	0.648	2.350

(CONTD)

B.O.W./ SITE: MONTGOMERY CREEK   PLUARG   STATION ID: 16-0184-086-02
SAMPLE POINT: AT VANIER AND SHELLEY DRIVE KITCHENER UL-24
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO: 86   LAT: LONG: U T M: 17 0543750.0 4807700.0 4   REGION: 02   MILEAGE: 101.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L
	1345			.3		46395	2 4 0		11.0	0.118	0.006	0.002L	1.380	1.378	3.130
	1415			.3		46396	2 4 0		8.5	0.106	0.005	0.002L	1.200	1.198	3.000
	1445			.3		46397	2 4 0		8.0	0.075	0.004	0.002	1.030	1.028	2.880
	1515			.3		46406	2 4 0		7.5	0.073	0.004	0.002	1.030	1.028	2.930
	1545			.3		46407	2 4 0		8.6	0.069	0.004	0.002L	1.040	1.038	3.040
25 10 78	1900			.3		46422	2 4 0		3.6	0.062	0.002	0.011	0.720	0.709	3.320
	1930			.3		46423	2 4 0		3.6	0.155	0.003	0.062	1.250	1.188	2.900
	2000			.3		46424	2 4 0		6.0	0.370	0.018	0.106	1.940	1.834	2.990
	2030			.3		46425	2 4 0		7.4	0.356	0.006	0.098	1.980	1.882	2.580
	2100			.3		46426	2 4 0		6.8	0.390	0.007	0.056	1.760	1.704	2.255
	2130			.3		46427	2 4 0		5.4	0.336	0.010	0.060	1.660	1.600	2.345
	2200			.3		46428	2 4 0		6.6	0.230	0.007	0.066	1.500	1.434	2.195
	2230			.3		46429	2 4 0		8.0	0.252	0.007	0.078	1.440	1.362	1.855
	2300			.3		46430	2 4 0		8.0	0.218	0.004	0.078	1.280	1.202	1.590
	2330			.3		46431	2 4 0		7.0	0.186	0.005	0.076	1.140	1.064	1.510
	2400			.3		46432	2 4 0		6.4	0.159	0.005	0.060	1.030	0.970	1.505
26 10 78	0030			.3		46433	2 4 0		5.8	0.154	0.004	0.054	1.030	0.976	1.630
	0100			.3		46434	2 4 0		5.4	0.140	0.003	0.048	0.890	0.842	1.595
	0130			.3		46435	2 4 0		4.8	0.144	0.002	0.039	0.980	0.941	1.760
	0200			.3		46436	2 4 0		5.0	0.128	0.002	0.002	0.900	0.898	1.900
	0230			.3		46437	2 4 0		5.0	0.114	0.002	0.021	0.800	0.779	1.670
	0300			.3		46438	2 4 0		5.2	0.108	0.002	0.015	0.740	0.725	1.675
	0330			.3		46439	2 4 0		4.6	0.102	0.002	0.010	0.720	0.710	1.670
	0400			.3		46440	2 4 0		5.0	0.110	0.003	0.029	0.860	0.831	1.860
	1330			.3		46441	2 4 0	10.0	6.0	0.060	0.004	0.002	0.640	0.638	1.990
				.3		46442	2 3 0	10.0	5.2	0.044	0.004	0.004	0.560	0.556	1.910
23 11 78	0900			.3		46470	2 4 0		0.8	0.116	0.002	0.018	0.860	0.842	3.160
	0915			.3		46471	2 4 0		1.0	0.094	0.002	0.056	0.760	0.704	3.210
	0930			.3		46472	2 4 0		1.0	0.126	0.001	0.060	0.980	0.920	3.480
	0945			.3		46473	2 4 0		0.8	0.242	0.001	0.188	5.250	5.062	7.100
	1000			.3		46474	2 4 0		1.0	0.254	0.002	0.198	5.300	5.102	6.900
	1015			.3		46475	2 4 0		0.6	0.296	0.004	0.164	3.720	3.556	5.020
	1030			.3		46476	2 4 0		1.0	0.300	0.004	0.102	3.680	3.578	4.730
	1045			.3		46477	2 4 0		1.2	0.294	0.005	0.026	2.420	2.394	3.385
	1100			.3		46478	2 4 0		1.2	0.278	0.006	0.082	2.080	1.998	2.950
	1115			.3		46479	2 4 0		1.2	0.262	0.006	0.100	1.920	1.820	2.735
	1130			.3		46480	2 4 0		0.8	0.278	0.005	0.054	1.860	1.806	2.660
	1145			.3		46481	2 4 0		1.0	0.254	0.005	0.082	1.680	1.598	2.560
	1200			.3		46482	2 4 0		1.2	0.236	0.008	0.078	1.440	1.362	2.325
	1215			.3		46483	2 4 0		1.0	0.254	0.012	0.080	1.580	1.500	2.400
	1230			.3		46484	2 4 0		0.8	0.226	0.013	0.096	1.380	1.284	2.125
	1245			.3		46485	2 4 0		0.8	0.212	0.012	0.104	1.400	1.296	2.075
	1300			.3		46486	2 4 0		1.2	0.192	0.010	0.106	1.240	1.134	1.875
	1315			.3		46487	2 4 0		1.0	0.162	0.011	0.130	1.080	0.950	1.705
	1330			.3		46488	2 4 0		1.0	0.158	0.014	0.138	1.020	0.882	1.620
	1335			.3		46489	2 4 0		0.8	0.146	0.014	0.152	1.020	0.868	1.620
	1345			.3		46490	2 4 0		0.8	0.128	0.015	0.180	1.040	0.860	1.645
	1400			.3		46491	2 3 0	3.0	1.4	0.134	0.018	0.177	0.880	0.703	1.475
				.3		46492	2 4 0	3.0	1.4	0.128	0.016	0.177	0.860	0.683	1.455
	1415			.3		46493	2 4 0		1.0	0.128	0.018	0.182	0.920	0.738	1.520
	1430			.3		46494	2 4 0		1.0	0.108	0.016	0.184	0.880	0.696	1.490
	1445			.3		46495	2 4 0		1.2	0.106	0.016	0.190	0.900	0.710	1.525
	1500			.3		46496	2 4 0		1.0	0.112	0.010	0.166	0.860	0.694	1.490
	1515			.3		46497	2 4 0		1.0	0.130	0.023	0.202	0.820	0.618	1.460
	1530			.3		46498	2 4 0		0.8	0.114	0.020	0.206	0.860	0.654	1.525
	1545			.3		46499	2 4 0		1.0	0.102	0.013	0.182	0.800	0.618	1.465
	1645			.3		46500	2 4 0		0.8	0.204	0.022	0.202	0.860	0.658	1.575
	1745			.3		46501	2 4 0	3.0	0.8	0.096	0.020	0.202	0.760	0.558	1.545
				.3		46502	2 3 0	3.0	1.6	0.088	0.017	0.190	0.700	0.510	1.515
24 11 78	1530			.3		46526	2 3 0	5.0	1.2	0.020	0.005	0.074	0.460	0.386	3.010
				.3		46527	2 4 0	5.0	1.0	0.023	0.004	0.072	0.480	0.408	3.030
	1600			.3		46528	2 3 0		1.0	0.023	0.004	0.074	0.500	0.426	3.000
				.3		46529	2 4 0	5.0	1.4	0.022	0.004	0.072	0.500	0.428	3.050
29 11 78	2315			.3		46530	2 4 0		3.4	0.086	0.003	0.078	0 860	0.782	3.360
	2330			.3		46531	2 4 0		2.8	0.072	0.004	0.070	0.720	0.650	3.370
	2345			.3		46532	2 4 0		2.2	0.078	0.003	0.070	0.800	0.730	3.450
	2400			.3		46533	2 4 0		2.8	0.094	0.004	0.072	0.900	0.828	3.550
30 11 78	0015			.3		46534	2 4 0		3.4	0.104	0.005	0.160	1.400	1.240	3.950
	0030			.3		46535	2 4 0		4.0	0.110	0.004	0.192	1.680	1.488	4.180
	0045			.3		46536	2 4 0		4.0	0.120	0.005	0.222	2.200	1.978	4.650
	0100			.3		46537	2 4 0		3.2	0.108	0.005	0.242	2 420	2.178	4.870
	0115			.3		46538	2 4 0		7.5	0.120	0.006	0.242	2.520	2.278	4.920
	0130			.3		46539	2 4 0		7.0	0.102	0.006	0.238	2.380	2.142	4.880
	0145			.3		46540	2 4 0		7.0	0.136	0.009	0.224	2.280	2.056	4.730
	0200			.3		46541	2 4 0		8.0	0.170	0.009	0.202	2.360	2.158	4.810
	0215			.3		46542	2 4 0		7.4	0.154	0.008	0.148	2.100	1.952	4.500
	0230			.3		46543	2 4 0		9.5	0.180	0.010	0.140	1.880	1.740	4.280
	0245			.3		46544	2 4 0		10.5	0.174	0.010	0.142	1.880	1.738	4.280
	0300			.3		46545	2 4 0		10.0	0.184	0.010	0.120	1.640	1.520	3.990
	0315			.3		46546	2 4 0		9.0	0.200	0.007	0.048	1.540	1.492	3.840
	0330			.3		46547	2 4 0		8.0	0.202	0.005	0.006	1.460	1.454	3.760
	0345			.3		46548	2 4 0		8.5	0.176	0.009	0.022	1.580	1.558	3.880
06 12 78	1345			.3		46549	2 4 0	5.0	1.8	0.032	0.005	0.070	0.470	0.400	3.270
				.3		46550	2 3 0	5.0	1.6	0.023	0.005	0.072	0.410	0.338	3.210
				MAXIMUM				24.0	28.0	0.820	0.144	0.690	23.000	22.310	24.850
				AVG OR GEOM MN (*)				7.2	5.0	0.175	0.016D	0.125D	1.443	1.310	2.973
				MINIMUM				0.0	0.2	0.001	0.001	0.002	0.230	0.224	0.960
				NO OF SAMPLES				51	203	245	245	244	245	239	244

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
04 01 78	1535			.3		3.540	3.8	1710	3.20						
09 01 78	1515			.3		2.850	6.8	1900	7.30		0.330	1.0L	5.0		
20 01 78	1255			.3		3.500	3.5	1760	2.70				5.0		
25 01 78	1445			.3		1.950	5.6	2880	5.80			1.0L			
03 02 78	1505			.3		3.310	6.4	1730	3.70						
24 02 78	1335			.3		3.820	1.8	1560	3.70		0.380	15.0	6.0		
08 03 78	1720			.3		1.850	84.0	2760	44.00						
10 03 78	1350			.3		2.130	102.0	2555	33.00			7.0			
12 03 78	1650			.3		2.230	131.0	2740	56.00						
14 03 78	0800			.3		1.550	301.0	785	71.00		4.900	13.0	47.0		
	1015			.3		1.550	161.0	765	57.00		10.000		49.0		
	1100			.3		1.070	461.0	600	100.00		6.200		31.0		
	1200			.3		1.020	383.0	590	79.00		13.000		56.0		
	1325			.3		1.170	209.0	710	65.00		12.000		70.0		
				.3		1.200	183.0	715	58.00		6.800		29.0		
15 03 78	1310			.3		2.500	22.0	1610	16.00		6.800	8.0	30.0	0.002	0.060
				.3		2.520	16.0	1610	13.00				30.0	0.002	0.060
16 03 78	1500			.3		1.900	65.0	1710	40.00				30.0	0.002	0.060
20 03 78	1605			.3		1.650	40.0	1560	31.00				30.0	0.002	0.060
				.3		1.520	30.0	1550	27.00				30.0	0.002	0.060
21 03 78	0215			.3		1.220	325.0	1195	73.00			1.0			
	0415			.3		0.925	140.0	414	43.00		9.000		55.0		
	1215			.3		0.830	133.0	388	52.00		3.600		26.0		
	1245			.3		0.820	104.0	370	51.00		3.500		25.0		
				.3		0.820	87.0	369	47.00		3.300		23.0		
	1700			.3		1.000	35.0	494	26.00		3.600	12.0	29.0	0.003	0.070
22 03 78	1525			.3		0.995	70.0	620	33.00		1.700		10.0		
				.3		0.995	63.0	620	29.00		2.000		14.0		
23 03 78	1115			.3		2.120	14.0	1015	7.40		2.200	2.0	9.0		
				.3		2.100	11.0	1010	4.90				9.0		
27 03 78	1730			.3		1.320		2240	57.00				9.0		
28 03 78	1545			.3		3.100	10.0	1500	7.80				9.0		
				.3		3.080	6.7	1530	6.20				9.0		
01 04 78	1730			.3		0.725	38.0	421	17.00				9.0		
04 04 78	1510			.3		2.400	35.0	1290	19.00		1.400		9.0		
				.3		2.400	48.0	1280	18.00				9.0		
06 04 78	2145			.3		0.870	330.0	490	92.00			2.0			
	2345			.3		0.820	410.0	250	93.00		9.200		4.4		
11 04 78	1340			.3		0.905	38.0	365	39.00		11.000		3.3		
19 04 78	1015			.3		0.270	30.0	340	21.00		2.300	6.0	5.2		
				.3		0.285	21.0	335	18.00				5.2		
11 05 78	1600			.3		3.130	3.8	1400	3.70			3.0	5.2		
01 06 78	1550			.3			4.9	1460	2.50		0.310		5.2		
20 06 78	1240			.3		3.450	3.7	1410		260.0	0.310		4.2		
03 07 78	1230			.3		2.800	35.0	1160		248.0					
	1300			.3		2.330	25.0	980		140.0					
	1315			.3		2.000	44.0	890		165.0					
	1345			.3		1.500	142.0	580		95.0					
	1400			.3		1.050	108.0	380		53.0					
	1430			.3		0.950	80.0	380		52.0					
	1500			.3		0.950	75.0	395		55.0					
	1530			.3		1.080	97.0	420		57.0					
	1600			.3		1.130	81.0	440		56.0					
18 07 78	1350			.3		3.280	5.3	1300		233.0					
				.3		3.200	7.0	1300		233.0					
21 07 78	1320			.3		2.450	35.0	520		66.0					
	1340			.3		2.550	25.0	540		71.0					
	1410			.3		1.550	20.0	485		60.0					
	1645			.3		2.150	15.0	480		60.0					
				.3		1.550	18.0	485		60.0					
16 08 78	0940			.3		2.650	257.0	315		38.0					
	1000			.3		1.590	304.0	415		58.0					
	1015			.3		1.370	271.0	570		103.0					
	1030			.3		1.250	251.0	410		63.0					
	1045			.3		0.964	185.0	295		38.0					
	1100			.3		1.060	128.0	265		33.5					
	1115			.3		0.988	107.0	275		35.5					
	1145			.3		1.110	72.	310		39.5					
	1200			.3		1.110	50.0	335		41.5					
	1215			.3		1.110	49.0	335		41.0					
	1245			.3		1.040	41.0	350		41.0					
	1300			.3		1.370	29.0	365		41.5					
	1315			.3		1.130	20.0	365		41.5					
	1415			.3		1.350	21.0	370		44.5					
	1445			.3		1.370	25.0	380		48.5					
	1500			.3		1.330	20.0	390		53.0					
				.3		1.400	5.9	390		50.0					
28 08 78	2330			.3		0.940	462.0	325		47.0					
	2400			.3		0.650	514.0	230		34.0					
29 08 78	0080			.3		0.630	244.0	190		21.5					
	0100			.3		0.715	250.0	205		20.5					
	0130			.3		0.720	100.0	185		17.5					
	0200			.3		0.740	115.0	195		19.5					
	0230			.3		0.710	139.0	180		17.0					
	0300			.3		0.770	72.0	210		22.5					
				.3		0.770	47.0	215		22.5					
	0330			.3		0.825	56.0	240		26.5					
	0400			.3		0.865	48.0	265		32.5					
	0430			.3		0.910	62.0	295		38.5					
	0500			.3		0.950	56.0	325		44.5					
11 09 78	1635			.3		3.080	2.7	1330		241.0					
17 09 78	1035			.3		0.330	574.0	115		6.1					
	1055			.3		0.300	351.0	92		4.3					
	1115			.3		0.300	222.0	77		3.4					
	1135			.3		0.350	135.0	83		4.3					
	1155			.3		0.415	127.0	88		5.1					
	1215			.3		0.500	80.0	78		6.4					
	1330			.3		1.050	30.0	190		19.0					
	1400			.3		1.150	23.0	230		26.5					
	1430			.3		1.250	23.0	255		31.0					
	1515			.3		1.400	19.0	280		30.0					
				.3		1.390	17.0	275		29.0					
30 09 78	1900			.3		1.350	445.0	680		100.0					
	1930			.3		1.250	244.0	650		100.0					
	2000			.3		1.400	151.0	370		49.0					
	2030			.3		1.350	111.0	355		43.5					
	2100			.3		1.450	73.0	425		54.0					
	2130			.3		1.650	63.0	490		62.0					
	2200			.3		1.550	49.0	475		60.0					
	2230			.3		3.050	39.0	445		59.0					
02 10 78	1530			.3		1.050	6.0	1420		249.0					
				.3		3.050	6.9	1420		266.0					
03 10 78	2000			.3		2.650	29.0	1040		163.0					
	2030			.3		1.650	86.0	700		128.0					
	2100			.3		1.250	88.0	310		39.0					
	2130			.3		1.050	74.0	280		32.0					

(C O N T D)

PLUARG

B.O.W./ SITE: MONTGOMERY CREEK
SAMPLE POINT: AT VANIER AND SHELLEY DRIVE KITCHENER UL-24
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-086-02

STORET CODE: 02
003
0150

STN NO: 86 LAT: LONG: U T M: 17 0543750.0 4807700.0 4 REGION: 02 MILEAGE: 101.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	29 FILTERED NO2 +NO3 MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L
	2200			.3		1.100	78.0	270		29.0					
	2230			.3		1.150	48.0	330		35.0					
	2300			.3		1.150	33.0	240		24.0					
	2330			.3		1.050	37.0	185		16.5					
	2400			.3		0.950	70.0	160		12.0					
04 10 78	0030			.3		0.875	68.0	143		11.0					
	0100			.3		0.775	78.0	138		10.3					
	0130			.3		0.800	61.0	134		9.8					
	0200			.3		0.675	66.0	128		8.9					
	0230			.3		0.535	51.0	118		8.4					
	0300			.3		0.530	50.0								
	0330			.3		0.460	41.0	132		10.5					
	0400			.3		0.465	63.0	135		11.0					
	0430			.3		0.505	77.0	160		14.5					
	0500			.3		0.650	84.0	170		15.0					
	2000			.3		1.950	11.0	930		140.0					
				.3		1.950	9.3	930		143.0					
05 10 78	2200			.3		2.550	29.0	1040		173.0					
	2230			.3		1.850	65.0	770		143.0					
	2300			.3		1.750	48.0	520		78.0					
	2330			.3		1.550	24.0	420		58.0					
	2400			.3		1.550	36.0	450		63.0					
06 10 78	0030			.3		1.500	30.0	445		60.0					
	0100			.3		1.400	24.0	460		59.0					
	0130			.3		1.350	19.0	540		65.0					
	0330			.3		1.650	20.0	485		62.0					
	0400			.3		1.400	22.0	400		54.0					
	2000			.3		2.050	6.8	960		160.0					
				.3		2.050	5.5	960		163.0					
12 10 78	0030			.3		2.700	18.0	930		145.0					
	0100			.3		2.750	25.0	1300		240.0					
	0130			.3		2.550	55.0	720		105.0					
	0200			.3		2.400	35.0	700		81.0					
	0230			.3		2.350	27.0	680		85.0					
	0300			.3		2.150	29.0	610		77.0					
	0330			.3		2.050	31.0	520		62.0					
13 10 78	1600			.3		2.900	4.2	1200		198.0					
				.3		2.900	13.0	1220		195.0					
17 10 78	1625			.3		3.100	5.8	1200		185.0					
				.3		3.100	9.7	1200		190.0					
23 10 78	1115			.3		1.850	32.0	620		83.0					
	1145			.3		1.700	31.0	580		79.0					
	1205			.3		1.650	23.0	570		73.0					
				.3		1.650	28.0	560.		73.0					
	1245			.3		1.650	23.0	590		73.0					
	1315			.3		1.700	20.0	620		77.0					
	1345			.3		1.750	17.0	640		78.0					
	1415			.3		1.800	15.0	670		78.0					
	1445			.3		1.850	14.0	680		83.0					
	1515			.3		1.900	15.0	690		80.0					
	1545			.3		2.000	12.0	700		83.0					
25 10 78	1900			.3		2.600	23.0	1220		188.0					
	1930			.3		1.650	57.0	900		138.0					
	2000			.3		1.050	189.0	700		113.0					
	2030			.3		0.600	195.0	330		36.5					
	2100			.3		0.495	196.0	260		25.0					
	2130			.3		0.685	193.0	285		27.0					
	2200			.3		0.695	126.0	300		28.5					
	2230			.3		0.415	98.0	235		20.5					
	2300			.3		0.310	70.0	210		18.5					
	2330			.3		0.370	54.0	210		19.0					
	2400			.3		0.475	46.0	240		27.5					
26 10 78	0030			.3		0.600	40.0	275		36.5					
	0100			.3		0.705	39.0	265		31.5					
	0130			.3		0.780	34.0	270		28.5					
	0200			.3		1.000	60.0	285		30.0					
	0230			.3		0.870	40.0	310		33.0					
	0300			.3		0.935	36.0	340		37.5					
	0330			.3		0.950	38.0	370		41.5					
	0400			.3		1.000	33.0	390		45.0					
	1330			.3		1.350	19.0	435		51.0					
				.3		1.350	13.0	435		52.0					
23 11 78	0900			.3		2.300	37.0	940		142.0					
	0915			.3		2.450	45.0	1000		150.0					
	0930			.3		2.500	76.0	1000		152.0					
	0945			.3		1.850	162.0	980		157.0					
	1000			.3		1.600	158.0	860		162.0					
	1015			.3		1.300	163.0	840		157.0					
	1030			.3		1.050	161.0	600		100.0					
	1045			.3		0.965	161.0	440		85.0					
	1100			.3		0.870	160.0	410		77.0					
	1115			.3		0.815	165.0	410		77.0					
	1130			.3		0.800	167.0	405		72.0					
	1145			.3		0.880	147.0	435		72.0					
	1200			.3		0.865	142.0	470		85.0					
	1215			.3		0.820	141.0	380		70.0					
	1230			.3		0.745	118.0	325		62.0					
	1245			.3		0.675	96.0	285		52.0					
	1300			.3		0.635	84.0	255		45.0					
	1315			.3		0.625	73.0	230		39.0					
	1330			.3		0.600	70.0	280		57.0					
	1335			.3		0.600	58.0	255		48.0					
	1345			.3		0.605	52.0	275		55.0					
	1400			.3		0.595	48.0	265		50.0					
				.3		0.595	48.0	265		48.5					
	1415			.3		0.600	50.0	275		55.0					
	1430			.3		0.610	44.0	275		52.0					
	1445			.3		0.625	38.0	270		49.0					
	1500			.3		0.630	38.0	260		45.0					
	1515			.3		0.640	44.0	255		41.0					
	1530			.3		0.665	38.0	250		39.5					
	1545			.3		0.665	36.0	260		41.5					
	1645			.3		0.715	35.0	255		36.5					
	1745			.3		0.785	28.0	265		34.5					
				.3		0.815	21.0	275		35.0					
24 11 78	1530			.3		2.550	3.0	1040		150.0					
				.3		2.550	10.0	1030		147.0					
	1600			.3		2.500	4.0	1040		155.0					
				.3		2.550	6.0	1040		152.0					

(CONTD)

```
29 11 78 2315              .3       2.500      37.0      4100              1312.0
         2330              .3       2.650      29.0      3950              1237.0
         2345              .3       2.650      34.0      3900              1225.0
         2400              .3       2.650      40.0      3850              1262.0
30 11 78 0015              .3       2.550      45.0      3900              1200.0
         0030              .3       2.500      47.0      3950              1200.0
         0045              .3       2.450      47.0      4000              1275.0
         0100              .3       2.450      55.0      4000              1275.0
         0115              .3       2.400      49.0      4000              1375.0
         0130              .3       2.500      53.0      4100              1312.0
         0145              .3       2.450      60.0      4150              1250.0
         0200              .3       2.450      68.0      4250              1425.0
         0215              .3       2.400      76.0      4300              1437.0
         0230              .3       2.400      89.0      4250              1437.0
         0245              .3       2.400      89.0      4150              1375.0
         0300              .3       2.350      90.0      4000              1237.0
         0315              .3       2.300      86.0      3850              1162.0
         0330              .3       2.300      84.0      3850              1100.0
         0345              .3       2.300      91.0      3800              1137.0
06 12 78 1345              .3       2.800      15.0      3450              1037.0
                           .3       2.800       4.0      3200              1062.0

                      MAXIMUM       3.820     574.0      4300    100.00    1437.0    13.000      15.0      70.0     0.003     0.070
           AVG OR GEOM MN (*)       1.523      79.6       911     34.35     195.1     4.949      5.90      20.4     0.002     0.062
                      MINIMUM       0.270       1.8        77      2.50       3.4     0.310       1.0       3.3     0.002     0.060

                NO OF SAMPLES         245       245       245        43       202        23        12        36         6         6

                                     221       225       229       215       249       238
SAMP DTE HOUR  STN  STN SAMP   PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MC YR LMT   DIST BRG DEPTH     CHROMIUM    COPPER      LEAD   CADMIUM      ZINC    NICKEL
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

04 01 78 1535              .3                 0.006     0.004    0.001L     0.025
09 01 78 1515              .3                 0.006     0.004    0.001L     0.025
20 01 78 1255              .3                 0.006    0.003L    0.001L     0.043
25 01 78 1445              .3                 0.006    0.003L    0.001L     0.043
03 02 78 1505              .3                 0.007     0.006    0.001L     0.071
24 02 78 1335              .3                 0.006     0.009    0.001L     0.052
08 03 78 1720              .3                 0.032     0.320    0.001L     0.220
10 03 78 1350              .3                 0.032     0.320    0.001L     0.220
12 03 78 1650              .3                 0.044     0.410     0.002     0.330
14 03 78 1325              .3       0.028     0.039     0.320     0.001     0.300     0.008
15 03 78 1310              .3       0.028     0.039     0.320     0.001     0.300     0.008
                           .3       0.028     0.039     0.320     0.001     0.300     0.008
16 03 78 1500              .3       0.028     0.039     0.320     0.001     0.300     0.008
20 03 78 1605              .3       0.028     0.039     0.320     0.001     0.300     0.008
                           .3                 0.016     0.092    0.001L     0.120
21 03 78 1245              .3       0.014     0.032     0.260    0.001L     0.180     0.008
22 03 78 1525              .3                 0.018     0.110    0.001L     0.130
23 03 78 1115              .3                 0.018     0.110    0.001L     0.130
                           .3                 0.018     0.110    0.001L     0.130
27 03 78 1730              .3                 0.018     0.110    0.001L     0.130
28 03 78 1545              .3                 0.018     0.110    0.001L     0.130
                           .3                 0.018     0.110    0.001L     0.130
01 04 78 1730              .3                 0.018     0.110    0.001L     0.130
04 04 78 1510              .3                 0.018     0.110    0.001L     0.130
                           .3                 0.021     0.064    0.001L     0.090
11 04 78 1340              .3                 0.015     0.090    0.001L     0.094
19 04 78 1015              .3                 0.015     0.090    0.001L     0.094
                           .3                 0.015     0.090    0.001L     0.094




01 06 78 1550              .3                          0.003L
20 06 78 1240              .3                          0.003L
03 07 78 1230              .3                           0.054               0.240
         1300              .3                           0.054               0.240
         1315              .3                           0.054               0.240
         1345              .3                           0.054               0.240
         1400              .3                           0.180               0.400
         1430              .3                           0.120               0.260
         1500              .3                           0.120               0.260
         1530              .3                           0.140               0.270
         1600              .3                           0.120               0.280
18 07 78 1350              .3                          0.003L
                           .3                          0.003L
21 07 78 1320              .3                          0.003L
         1340              .3                          0.003L
         1410              .3                          0.003L
         1645              .3                          0.003L
                           .3                          0.003L
16 08 78 0940              .3                          0.003L
         1000              .3                          0.003L
         1015              .3                          0.003L
         1030              .3                          0.003L
         1045              .3                          0.003L
         1100              .3                          0.003L
         1115              .3                          0.003L
         1145              .3                          0.003L
         1200              .3                          0.003L
         1215              .3                          0.003L
         1245              .3                          0.003L
         1300              .3                          0.003L
         1315              .3                          0.003L
         1415              .3                          0.003L
         1445              .3                          0.003L
         1500              .3                          0.003L
                           .3                          0.003L
28 08 78 2330              .3                           0.270               0.310
         2400              .3                           0.360               0.340
29 08 78 0060              .3                           0.330               0.280
         0100              .3                           0.270               0.290
         0130              .3                           0.100               0.100
         0200              .3                           0.160               0.088
         0230              .3                           0.170               0.170
         0300              .3                           0.098               0.110
                           .3                           0.077               0.064
         0330              .3                           0.086               0.120
         0400              .3                           0.066               0.098
         0430              .3                           0.072               0.098
         0500              .3                           0.055               0.098
11 09 78 1635              .3                          0.005L               0.005
17 09 78 1035              .3                           0.560               0.710
         1055              .3                           0.330               0.300
         1115              .3                           0.200               0.180
         1135              .3                           0.120               0.140
         1155              .3                           0.110               0.100
         1215              .3                           0.066               0.072
         1330              .3                           0.030               0.057
         1400              .3                           0.020               0.035
         1430              .3                           0.026               0.040
         1515              .3                           0.025               0.040
                           .3                           0.025               0.040
30 09 78 1900              .3                           0.400               0.360
```

(C O N T D)

B.O.W./ SITE: MONTGOMERY CREEK PLUARG STATION ID: 16-0184-086-02
SAMPLE POINT: AT VANIER AND SHELLEY DRIVE KITCHENER UL-24
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: GRAND RIVER 0150

STN NO: 86 LAT: LONG: U T M: 17 0543750.0 4807700.0 4 REGION: 02 MILEAGE: 101.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
	1930			.3				0.250		0.280	
	2000			.3				0.330		0.350	
	2030			.3				0.260		0.290	
	2100			.3				0.120		0.210	
	2130			.3				0.120		0.270	
	2200			.3				0.091		0.130	
	2230			.3				0.074		0.160	
02 10 78	1530			.3				0.011		0.035	
				.3				0.011		0.031	
03 10 78	2000			.3				0.046		0.045	
	2030			.3						1.000	
	2100			.3				0.160		0.200	
	2130			.3				0.160		0.200	
	2200			.3				0.120		0.120	
	2230			.3				0.120		0.120	
	2300			.3				0.080		0.090	
	2330			.3				0.080		0.100	
	2400			.3				0.096		0.110	
04 10 78	0030			.3				0.120		0.130	
	0100			.3				0.075		0.170	
	0130			.3				0.080		0.190	
	0200			.3				0.065		0.170	
	0230			.3				0.065		0.170	
	0300			.3				0.065		0.170	
	0330			.3				0.062		0.160	
	0400			.3				0.062		0.160	
	0430			.3				0.059		0.290	
	0500			.3				0.059		0.290	
	2000			.3				0.006		0.057	
				.3				0.011		0.030	
05 10 78	2200			.3				0.044		0.12	
	2230			.3				0.085		0.15	
	2300			.3				0.029		0.90	
	2330			.3				0.029		0.90	
	2400			.3				0.10		0.14	
06 10 78	0030			.3				0.076		0.11	
	0100			.3				0.058		0.078	
	0130			.3				0.046		0.092	
	0330			.3				0.054		0.077	
	0400			.3				0.060		0.090	
	2000			.3				0.036		0.068	
				.3				0.033		0.055	
12 10 78	0030			.3				0.033		0.055	
	0100			.3				0.033		0.055	
	0130			.3				0.033		0.055	
	0200			.3				0.033		0.055	
	0230			.3				0.033		0.055	
	0300			.3				0.033		0.055	
	0330			.3				0.033		0.055	
13 10 78	1600			.3				0.033		0.055	
				.3				0.033		0.055	
17 10 78	1625			.3				0.006L		0.043	
				.3				0.003L		0.007	
23 10 78	1115			.3				0.110		0.180	
	1145			.3				0.120		0.220	
	1205			.3				0.090		0.140	
				.3				0.120		0.150	
	1245			.3				0.100		0.130	
	1315			.3				0.086		0.130	
	1345			.3				0.070		0.100	
	1415			.3				0.060		0.099	
	1445			.3				0.050		0.080	
	1515			.3				0.055		0.100	
	1545			.3				0.040		0.089	
25 10 78	1900			.3				0.080		0.085	
	1930			.3				0.094		0.120	
	2000			.3				0.240		0.430	
	2030			.3				0.280		0.300	
	2100			.3				0.280		0.260	
	2130			.3				0.240		0.230	
	2200			.3				0.160		0.140	
	2230			.3				0.150		0.140	
	2300			.3				0.140		0.130	
	2330			.3				0.110		0.120	
	2400			.3				0.130		0.120	
26 10 78	0030			.3				0.079		0.094	
	0100			.3				0.088		0.120	
	0130			.3				0.088		0.120	
	0200			.3				0.088		0.120	
	0230			.3				0.088		0.120	
	0300			.3				0.088		0.120	
	0330			.3				0.088		0.120	
	0400			.3				0.088		0.120	
	1330			.3				0.080		0.110	
				.3				0.075		0.077	
23 11 78	0900			.3				0.110		0.088	
	0915			.3				0.092		0.110	
	0930			.3				0.110		0.110	
	0945			.3				0.210		0.170	
	1000			.3				0.210		0.160	
	1015			.3				0.140		0.100	
	1030			.3				0.340		0.260	
	1045			.3				0.310		0.240	
	1100			.3				0.320		0.260	
	1115			.3				0.290		0.240	
	1130			.3				0.006L		0.026	
	1145			.3				0.240		0.220	
	1200			.3				0.220		0.190	
	1215			.3				0.220		0.250	
	1230			.3				0.210		0.190	
	1245			.3				0.210		0.160	
	1300			.3				0.210		0.160	
	1315			.3				0.150		0.130	
	1330			.3				0.130		0.130	
	1335			.3				0.140		0.140	
	1345			.3				0.130		0.110	
	1400			.3				0.140		0.100	
				.3				0.130		0.100	
	1415			.3				0.120		0.110	

(C O N T D)

1430	.3			0.110		0.097	
1445	.3			0.100		0.096	
1500	.3			0.100		0.091	
1515	.3			0.095		0.098	
1530	.3			0.086		0.092	
1545	.3			0.110		0.090	
1645	.3			0.084		0.089	
1745	.3			0.085		0.120	
	.3			0.075		0.073	
24 11 78 1530	.3			0.020		0.042	
	.3			0.023		0.052	
1600	.3			0.022		0.042	
	.3			0.025		0.085	
29 11 78 2315	.3			0.130		0.210	
2330	.3			0.130		0.710	
2345	.3			0.130		0.280	
2400	.3			0.140		0.250	
30 11 78 0015	.3			0.150		0.200	
0030	.3			0.170		0.400	
0045	.3			0.170		0.180	
0100	.3			0.180		0.360	
0115	.3			0.190		0.290	
0130	.3			0.220		0.300	
0145	.3			0.240		0.320	
0200	.3			0.290		0.280	
0215	.3			0.350		0.450	
0230	.3			0.320		0.260	
0245	.3			0.320		0.260	
0300	.3			0.380		0.370	
0315	.3			0.420		0.380	
0330	.3			0.400		0.360	
0345	.3			0.420		0.360	
08 12 78 1345	.3			0.032		0.086	
	.3			0.028		0.052	
MAXIMUM		0.028	0.044	0.560	0.002	1.000	0.008
AVG OR GEOM MN (*)		0.026	0.021	0.116D	0.0010	0.174	0.008
MINIMUM		0.014	0.006	0.003	0.001	0.005	0.008
NO OF SAMPLES		6	28	231	28	206	6

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: IN THE DISPERSED RURAL COMMUNITY OF LEGGATT
STATION TYPE: RIVER

STATION ID: 16-0184-090-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 90 LAT: LONG: U T M: 17 0551725.0 4868200.0 4 REGION: 02 MILEAGE: 164.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1120			.3		39015	4	56.	2.	2.	1.0	7.8	0.4	0.018	0.001
06 02 78 1310			.3		39080	4	150.	4.	2.	1.0	9.2	1.0	0.035	0.007
14 03 78 1200			.3		39170	4	210.	2.	74.	2.0	9.2	3.5	0.082	0.006
18 04 78 1215			.3		39240	6	3400.	8.	28.	6.0	9.3	0.2	0.041	0.012
16 05 78 1230			.3		39287	6	2500.	28.	28.	11.0	11.0	2.0	0.029	0.002
19 06 78 1200			.3		39483	6	1700.	500.	36.	19.0	8.5	1.0	0.028	0.002
25 07 78 1210			.3		39530	6	10.	2. L	8.	23.0	6.6	0.6	0.036	0.006
02 08 78 1235			.3		39555	6	50.	6.	80.	23.0	7.8	0.4	0.030	0.009
13 09 78 1155			.3		39581	6	590.	190.	116.	14.0	11.4	0.8	0.033	0.002
16 10 78 1405			.3		39646	6	290.	40.	32.	8.0	13.2	0.8	0.013	0.001
21 11 78 1145			.3		39676	6	320.	16.	24.	1.0	13.4	0.2	0.022	0.001
11 12 78 1250			.3		39734	4	100.	16.	236.	0.5	12.5	0.2	0.017	0.002
MAXIMUM							3400.	500.	236.	23.0	13.4	3.5	0.082	0.012
AVG OR GEOM MN (*)							253.*	14.* D	26.*	9.1	10.0	0.9	0.032	0.004
MINIMUM							10.	2.	2.	0.5	6.6	0.2	0.013	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1120			.3		0.044	0.680	0.004	0.326	0.374	0.636	1.010	320.0	2.8	317
06 02 78 1310			.3		0.114	0.800	0.005	0.320	0.439	0.686	1.125	324.0	5.4	319
14 03 78 1200			.3		0.374	1.400	0.017	1.900	2.291	1.026	3.317	301.0	61.0	
18 04 78 1215			.3		0.064	0.580	0.007	0.535	0.606	0.516	1.122	217.0	8.8	
16 05 78 1230			.3		0.006	0.970	0.009	0.365	0.380	0.964	1.344	262.0	5.1	
19 06 78 1200			.3		0.018	0.940	0.003	0.005	0.026	0.922	0.948	271.0	5.0	
25 07 78 1210			.3		0.014	0.640	0.002	0.005L	0.021	0.626	0.647	91.0	4.4	
02 08 78 1235			.3		0.010	0.610	0.002	0.005L	0.017	0.600	0.617	94.0	2.4	
13 09 78 1155			.3		0.012	0.690	0.002	0.015	0.029	0.678	0.707	230.0	1.5	
16 10 78 1405			.3		0.025	0.840	0.002	0.020	0.047	0.815	0.862	306.0	2.2	304
21 11 78 1145			.3		0.006	0.75	0.003	0.247	0.256	0.744	1.000	337.	2.	335
11 12 78 1250			.3		0.020	0.66	0.003	0.312	0.335	0.640	0.975	337.	4.	333
MAXIMUM					0.374	1.400	0.017	1.900	2.291	1.026	3.317	337.	61.0	335
AVG OR GEOM MN (*)					0.059	0.797	0.005	0.338D	0.402	0.738	1.140	257.5	8.7	322
MINIMUM					0.006	0.580	0.002	0.005	0.017	0.516	0.617	91.0	1.5	304
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78 1120			.3			510	2.60	7.0	13.5
06 02 78 1310			.3			500	4.80	6.6	14.0
14 03 78 1200			.3		240	370	19.00	8.6	19.0
18 04 78 1215			.3		208	320	6.30	4.1	10.0
16 05 78 1230			.3		257	395	2.00	7.3	14.0
19 06 78 1200			.3		266	410	1.70	10.0	19.0
25 07 78 1210			.3		87	134	3.60	1.3	3.5
02 08 78 1235			.3		92	142	2.40	1.5	4.0
13 09 78 1155			.3		228	350	3.60	17.5	29.5
16 10 78 1405			.3			440	3.30	8.5	42.5
21 11 78 1145			.3			490	1.9	9.4	41.5
11 12 78 1250			.3			520	2.7	9.5	39.
MAXIMUM					266	520	19.00	17.5	42.5
AVG OR GEOM MN (*)					197	382	4.49	7.6	20.8
MINIMUM					87	134	1.70	1.3	3.5
NO OF SAMPLES					7	12	12	12	12

STATION ID: 16-0184-091-02

B.O.W./ SITE: MOOREFIELD CREEK
SAMPLE POINT: COUNTY ROAD NO 10 VILLAGE OF MOOREFIELD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 91 LAT: LONG: U T M: 17 0520250.0 4844775.0 4 REGION: 02 MILEAGE: 150.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1230			.3		39017	4	570.	30.	60.	1.0	10.0	0.4	0.037	0.017
06 02 78 1205			.3		39032	4	5300.	60.	404.	1.0	10.2	0.8	0.042	0.024
14 03 78 1320			.3		39172	4	10400.	200.	3200.	2.0	8.3	3.0	0.245	0.240
18 04 78 1330			.3		39242	6	120.	10. L	100. L	8.0	10.2	0.5	0.052	0.025
24 04 78 1155			.3		39253	6	1500.	10.	200.	10.0	11.2	0.4	0.051	0.020
03 05 78 1045			.3		39259	6	10.	4. L	20.	9.0	10.2	1.5	0.024	0.003
08 05 78 1410			.3		39272	6	1400.	68.	56.	10.0	11.2	0.2	0.034	0.013
16 05 78 1415			.3		39400	6	9100.	204.	16.	12.0	11.0	0.4	0.027	0.009
24 05 78 1200			.3		39402	6						1.2	0.041	0.012
29 05 78 1230			.3		39404	6	5100.	220.	2. L	24.0	9.5	2.0	0.073	0.022
06 06 78 1205			.3		39406	6	1300.	88.	6.	19.0	10.2	0.8	0.044	0.013
12 06 78 1330			.3		39408	6	33000E+1	1800.	72.	20.0	10.2	2.8	0.137	0.001L
19 06 78 1240			.3		39410	6	1100.	900.	20.	18.0	9.9	1.4	0.072	0.013
26 06 78 1105			.3		39412	6	2800.	1170.	52.	22.0	9.2	1.0	0.043	0.005
04 07 78 1030			.3		39414	6	10.	10. L	8.	16.5	7.2	3.5	0.108	0.001L
10 07 78 1040			.3		39416	6	300.	88.	44.	18.0	8.4	3.0	0.050	0.001
17 07 78 1035			.3		39418	6	2700.	650.	50.	20.0	11.0	1.4	0.053	0.005
24 07 78 1105			.3		39420	6	2500.	350.	20.	22.0	12.3	4.5	0.081	0.003
31 07 78 1035			.3		39422	6	2700.	340.	28.	19.0	11.7	1.0	0.050	0.002
08 08 78 1005			.3		39424	6	400.	60.	10. L	21.0	6.3	1.0	0.057	0.006
14 08 78 1100			.3		39426	6				22.7	11.3			
21 08 78 1105			.3		39428	6	300.	28.	12.	19.0	12.2	0.4	0.068	0.028
28 08 78 1102			.3		39430	6 8	12000E+1	440.	344.	17.5	6.1	1.2	0.066	0.023
05 09 78 1102			.3		39432	8 6	100.	40.	8.	19.0	12.2	2.4	0.090	0.016
11 09 78 1127			.3		39434	8 6				19.7	11.0	0.4	0.047	0.003
18 09 78 1145			.3		39436	8 6	37000.	12000.	980.	13.5	10.2	3.4	0.113	0.028
25 09 78 1115			.3		39438	8 6	400.	140.	100. L	14.0	11.0	0.2	0.072	0.038
02 10 78 1110			.3		39440	8 6	1900.	330.	130.	13.0	13.4	1.0	0.058	0.016
10 10 78 1115			.3		39442	6	1100.	148.	60.	10.0	10.8	0.4	0.041	0.021
16 10 78 1120			.3		39444	8	470.	84.	36.	6.0	12.6	0.2	0.006	0.002
23 10 78 1400			.3		39446	8	340.	28.	36.	9.0	15.2	1.4	0.034	0.009
30 10 78 1140			.3		39448	8	9000.	104.	388.	6.5	14.2	0.4	0.068	0.014
21 11 78 1250			.3		39680	6	1400.	172.	508.	2.0	10.0	0.2	0.034	0.013
11 12 78 1125			.3		39737	4	1200.	56.	440.	1.0	12.2	0.2	0.049	0.015
MAXIMUM							33000E+1	12000.	3200.	24.0	15.2	4.5	0.245	0.240
AVG OR GEOM MN (*)							1392.*	120.* D	59.* D	13.5	10.6	1.3	0.063	0.020D
MINIMUM							10.	4.	2.	1.0	6.1	0.2	0.006	0.001
NO OF SAMPLES							31	31	31	33	33	33	33	33

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 1230			.3		0.164	0.520	0.011	2.140	2.315	0.356	2.671	369.0	5.0	364
06 02 78 1205			.3		0.234	0.580	0.015	2.120	2.369	0.346	2.715	362.0	6.4	356
14 03 78 1320			.3		3.250	4.250	0.010	1.870	5.130	1.000	6.130	436.0	33.0	403
18 04 78 1330			.3		0.094	0.520	0.017	2.580	2.691	0.426	3.117	313.0	7.6	305
24 04 78 1155			.3		0.060	0.540	0.015	2.280	2.355	0.480	2.835	306.0	9.6	296
03 05 78 1045			.3		0.020	0.500	0.013	2.440	2.473	0.480	2.953	353.0	12.0	341
08 05 78 1410			.3		0.034	0.520	0.018	2.030	2.082	0.486	2.568	320.0	2.2	318
16 05 78 1415			.3		0.026	0.580	0.015	1.360	1.401	0.554	1.955	346.0	2.7	
24 05 78 1200			.3		0.038	0.650	0.061	1.590	1.689	0.612	2.301	342.0	14.0	
29 05 78 1230			.3		0.188	1.14	1.30	1.70	3.188	0.952	4.140	355.	13.	
06 06 78 1205			.3		0.068	0.680	0.037	1.690	1.795	0.612	2.407	309.0	4.4	
12 06 78 1330			.3		0.140	1.020	0.074	1.580	1.794	0.880	2.674	318.0	9.6	
19 06 78 1240			.3		0.058	0.750	0.070	2.730	2.858	0.692	3.550	361.0	15.0	
26 06 78 1105			.3		0.030	0.750	0.096	1.990	2.116	0.720	2.836	354.0	4.3	
04 07 78 1030			.3		0.078	1.380	0.076	1.400	1.554	1.302	2.856	323.0	46.0	
10 07 78 1040			.3		0.080	1.430	0.100	1.150	1.330	1.350	2.680	363.0	7.4	
17 07 78 1035			.3		0.132	1.290	0.041	0.909	1.082	1.158	2.240	335.0	23.0	
24 07 78 1105			.3		0.164	1.620	0.625	2.530	3.319	1.456	4.775	451.0	8.3	
31 07 78 1035			.3		0.230	0.960	0.043	0.807	1.080	0.730	1.810	330.0	17.0	
08 08 78 1005			.3		0.114	1.100	0.084	0:915	1.113	0.986	2.099	381.0	4.5	
21 08 78 1105			.3		0.056	0.500	0.020	0.295	0.371	0.444	0.815	271.0	4.2	
28 08 78 1102			.3		0.092	0.830	0.030	0.420	0.542	0.738	1.280	336.0	2.7	
05 09 78 1102			.3		0.208	1.090	0.240	1.740	2.188	0.882	3.070	432.0	7.0	
11 09 78 1127			.3		0.022	0.920	0.052	0.735	0.809	0.898	1.707	345.0	3.6	
18 09 78 1145			.3		0.034	1.150	0.028	1.170	1.232	1.116	2.348	420.0	14.0	
25 09 78 1115			.3		0.024	0.800	0.026	1.220	1.270	0.776	2.046	390.0	4.0	
02 10 78 1110			.3		0.084	0.910	0.072	1.330	1.486	0.826	2.312	416.0	4.2	
10 10 78 1115			.3		0.040	0.620	0.032	2.220	2.292	0.580	2.872	306.0	1.6	
16 10 78 1120			.3		0.004	0.540	0.003	0.915	0.922	0.536	1.458	350.0	0.5	350
23 10 78 1400			.3		0.037	0.640	0.135	1.860	2.032	0.603	2.635	392.0	1.9	390
30 10 78 1140			.3		0.069	0.940	0.027	1.170	1.266	0.871	2.137	413.0	3.0	410
21 11 78 1250			.3		0.032	0.68	0.018	1.78	1.830	0.648	2.478	385.	4.	381
11 12 78 1125			.3		0.050	0.58	0.013	2.49	2.553	0.530	3.083	403.	16.	387
MAXIMUM					3.250	4.250	1.30	2.730	5.130	1.456	6.130	451.0	46.0	410
AVG OR GEOM MN (*)					0.180	0.939	0.104	1.611	1.895	0.758	2.653	362.9	9.4	358
MINIMUM					0.004	0.500	0.003	0.295	0.371	0.346	0.815	271.0	0.5	296
NO OF SAMPLES					33	33	33	33	33	33	33	33	33	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
16 01 78 1230			.3		605	3.20	13.0	27.0		
06 02 78 1205			.3		605	4.30	13.0	26.5		
14 03 78 1320			.3		700	16.00	49.0	28.0		
18 04 78 1330			.3		450	2.90	9.5	21.0		
24 04 78 1155			.3		480	3.30	11.0			
03 05 78 1045			.3		520	3.10	13.5			
08 05 78 1410			.3		520	3.10	12.5	25.5		
16 05 78 1415			.3		530	1.40	13.5	24.0	6.7	27
24 05 78 1200			.3		530	1.80	13.0	23.5	6.0	25
29 05 78 1230			.3		540	2.3	20.	26.5	6.4	25
06 06 78 1205			.3		485	2.20	14.0	27.5	5.2	29
12 06 78 1330			.3		495	8.50	19.5	28.0	6.	19
19 06 78 1240			.3		560	3.60	17.5	29.0	6.	40
26 06 78 1105			.3		540	2.30	25.5	28.5	7.	29
04 07 78 1030			.3		540	1.70	34.0	32.0	6.8	36
10 07 78 1040			.3		560	2.90	44.5	33.5	8.	21
17 07 78 1035			.3		460	2.20	30.5	31.0	6.8	21
24 07 78 1105			.3		680	3.80	83.0	40.0	10.9	55

(CONTD)

31 07 78 1035	.3	530	4.50	49.5	35.5	8.0	32
08 08 78 1005	.3	600	2.70	71.0	37.5	6.8	31
14 08 78 1100	.3					6.8	31
21 08 78 1105	.3	410	2.1	17.5	32.5	6.	24
28 08 78 1102	.3	510	3.00	53.0	30.5	6.0	43
05 09 78 1102	.3	700	3.00	103.0	43.0	8.1	40
11 09 78 1127	.3	540	1.10	52.0	33.5	6.2	42
18 09 78 1145	.3	600	6.40	57.0	40.0	6.5	38
25 09 78 1115	.3	600	2.80	38.5	51.0	7.8	41
02 10 78 1110	.3	650	3.40	60.0	46.5	7.2	32
10 10 78 1115	.3	640	2.30	33.0	53.0	6.7	34
16 10 78 1120	.3	495	1.30	12.5	31.0	8.	31
23 10 78 1400	.3	660	2.00	49.0		8.	31
30 10 78 1140	.3	610	2.10	35.0		8.	31
21 11 78 1250	.3	610	2.9	24.	44.5	8.	31
11 12 78 1125	.3	620	4.5	21.5	48.5	8.	31
MAXIMUM		700	16.00	103.0	53.0	10.9	55
AVG OR GEOM MN (*)		563	3.42	33.7	33.7	7.1	32
MINIMUM		410	1.10	9.5	21.0	5.2	19
NO OF SAMPLES		33	33	33	29	27	27

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGE IN COMMUNITY OF YORK
STATION TYPE: RIVER

STATION ID: 16-0184-092-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 92 LAT: LONG: U T M: 17 0590250.0 4763700.0 4 REGION: 02 MILEAGE: 26.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1055			.3		39048	4	7700.	40.	40.	1.0	11.8	1.0	0.042	0.025
14 02 78 1330			.3		39107	4	160.	10. L	30.	0.0	11.0	0.2	0.068	0.055
15 03 78 1215			.3		39181	4	4800.	64.	276.	2.0	11.5	1.4	0.083	0.029
17 04 78 1230			.3		39221	6	150.	4.	8.	7.0	12.2	1.0	0.100	0.038
23 05 78 1030			.3		39296	6	50.	2. L	2. L	17.0	10.9	1.8	0.065	0.015
14 06 78 1330			.3		39472	6	10. L	4.	28.	19.0	11.4	1.6	0.086	0.015
12 07 78 1040			.3		39512	6	120.	2.	10.	22.5	6.0	1.5	0.108	0.006
01 08 78 1240			.3		39539	6	600.	4. L	4. L	24.0	9.4	1.6	0.092	0.005
26 09 78 1130			.3		39604	6	200.	4.	8.	16.0	9.4	1.6	0.096	0.021
10 10 78 1510			.3		39630	6	300.	10.	10. L	13.0	8.9	1.0	0.084	0.019
22 11 78 1055			.3		39688	6	20.	10. L	10.	3.5	12.7	1.6	0.057	0.026
06 12 78 1130			.3		39714	6	2840.	100.	370.	2.0	13.0	1.2	0.076	0.038
MAXIMUM							7700.	100.	370.	24.0	13.0	1.8	0.108	0.055
AVG OR GEOM MN (*)							263.* D	9.* D	19.* D	10.6	10.7	1.3	0.080	0.024
MINIMUM							10.	2.	2.	0.0	6.0	0.2	0.042	0.005
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1055			.3		0.540	0.900	0.041	3.130	3.711	0.360	4.071	513.0	2.4	511
14 02 78 1330			.3		0.540	1.050	0.027	2.930	3.497	0.510	4.007	532.0	4.3	528
15 03 78 1215			.3		0.940	1.590	0.015	3.360	4.315	0.650	4.965	562.0	11.0	551
17 04 78 1230			.3		0.164	0.780	0.029	0.720	0.913	0.616	1.529	323.0	30.0	293
23 05 78 1030			.3		0.130	0.790	0.061	1.790	1.981	0.660	2.641	404.0	14.0	390
14 06 78 1330			.3		0.124	0.860	0.049	1.880	2.053	0.736	2.789	517.	31.	486
12 07 78 1040			.3		0.076	0.880	0.018	1.080	1.174	0.804	1.978	479.0	38.0	441
01 08 78 1240			.3		0.052	0.810	0.013	1.040	1.105	0.758	1.863	398.0	26.0	372
26 09 78 1130			.3		0.038	0.770	0.032	3.370	3.440	0.732	4.172	475.0	28.0	447
10 10 78 1510			.3		0.064	0.660	0.023	2.380	2.467	0.596	3.063	452.0	34.0	418
22 11 78 1055			.3		0.176	0.70	0.040	2.11	2.326	0.524	2.850	436.	7.	429
06 12 78 1130			.3		0.417	0.99	0.041	2.91	3.368	0.573	3.941	507.	10.	497
MAXIMUM					0.940	1.590	0.061	3.370	4.315	0.804	4.965	562.0	38.0	551
AVG OR GEOM MN (*)					0.272	0.898	0.032	2.225	2.529	0.627	3.156	466.5	19.6	447
MINIMUM					0.038	0.660	0.013	0.720	0.913	0.360	1.529	323.0	2.4	293
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
18 01 78 1055			.3		795	3.70	45.0	93.0						
14 02 78 1330			.3		825	3.80	51.0	110.0	3.85	6.1	258	8.01	0.190	
15 03 78 1215			.3		845	11.00	67.0	113.0	3.30	3.0	234	8.14	0.520	
17 04 78 1230			.3		435	19.00	15.5	39.5	2.30	0.6	170	8.21	1.350	
23 05 78 1030			.3		575	9.10	32.5	70.0	0.35	0.0	200	8.46	0.510	
14 06 78 1330			.3		730	9.5	55.	105.0	0.65	0.	207	8.36	0.98	1. L
12 07 78 1040			.3		670	18.00	48.0	105.0	1.95	2.0	175	8.14	1.200	
01 08 78 1240			.3		600	16.00	43.5	96.0	1.10	0.0	161	8.30	0.780	
26 09 78 1130			.3		660	22.00	42.5	90.0	3.80	2.4	194	8.15	0.740	
10 10 78 1510			.3		550	25.00	43.0	87.0	1.65	2.3	198	8.21	0.640	
22 11 78 1055			.3		680	7.7	42.	93.5	2.2	7.5	207	8.02	0.39	1. L
06 12 78 1130			.3		760	18.	63.	112.	3.10	2.7	211	7.96	0.79	1. L
MAXIMUM					845	25.00	67.0	113.0	3.85	7.5	258	8.46	1.350	1.
AVG OR GEOM MN (*)					677	13.57	45.7	92.8	2.21	2.4	201	8.18	0.735	1. D
MINIMUM					435	3.70	15.5	39.5	0.35	0.0	161	7.96	0.190	1.
NO OF SAMPLES					12	12	12	12	11	11	11	11	11	3

(CONTD)

STATION ID: 16-0184-092-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGE IN COMMUNITY OF YORK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 92 LAT: LONG: U T M: 17 0590250.0 4763700.0 4 REGION: 02 MILEAGE: 26.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
14 02 78 1330			.3		365.0	104.00	25.50	15	2.75	33.00	31	0.028
15 03 78 1215			.3		346.0	98.00	24.50	20	3.05	68.00	54	0.040
17 04 78 1230			.3		219.0	63.00	15.00	45	2.15	8.90	27	0.065
23 05 78 1030			.3		268.0	76.00	19.00	20	2.45	18.00	29	0.049
14 06 78 1330			.3		306.	84.	23.5	35	2.90	32.	12	0.076
12 07 78 1040			.3		261.0	75.00	23.00	54	3.00	34.00	46	0.082
01 08 78 1240			.3		253.0	65.00	22.00	30	2.90	28.00	55	0.060
26 09 78 1130			.3		282.0	79.00	20.50	50	4.25	25.00	31	0.044
10 10 78 1510			.3		285.0	78.00	22.00	36	4.00	25.00	27	0.029
22 11 78 1055			.3		290.	80.	22.	31	3.20	27.	38	0.021
06 12 78 1130			.3		307.	85.	23.	39	3.30	34.	26	0.032
MAXIMUM					365.0	104.00	25.50	54	4.25	68.00	55	0.082
AVG OR GEOM MN (*)					289.3	80.64	21.82	34	3.09	30.26	34	0.048
MINIMUM					219.0	63.00	15.00	15	2.15	8.90	12	0.021
NO OF SAMPLES					11	11	11	11	11	11	11	11

STATION ID: 16-0184-093-02

B.O.W./ SITE: FAIRCHILD CREEK
SAMPLE POINT: LOT G RANGE SOUTH OF HAMILTON ROAD TWP OF BRANTFORD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 93 LAT: LONG: U T M: 17 0568750.0 4777300.0 4 REGION: 02 MILEAGE: 50.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1015			.3		39047	4	850.	150.	150.	2.0	10.0	0.6	0.044	0.008
14 02 78 1405			.3		39106	4	140.	10.	240.	0.5	10.0	1.4	0.049	0.031
15 03 78 1130			.3		39180	6	4100.	170.	910.	2.0	10.6	4.5	0.225	0.082
17 04 78 1500			.3		39220	6	280.	4.	10. L	9.0	10.3	0.8	0.064	0.013
23 05 78 0955			.3		39295	6	130.	44.	4.	16.5	7.8	1.0	0.100	0.021
14 06 78 1425			.3		39471	6	830.	72.	20.	16.5	8.5	1.0	0.110	0.029
12 07 78 1005			.3		39511	6	320.	104.	84.	19.0	6.1	1.4	0.134	0.039
01 08 78 1435			.3		39538	6	500.	88.	72.	23.0	6.3	0.8	0.114	0.035
26 09 78 1100			.3		39603	6	700.	108.	212.	13.0	9.6	0.4	0.136	0.036
10 10 78 1540			.3		39629	6	1100.	50.	40.	12.0	8.5	1.0	0.074	0.019
22 11 78 1025			.3		39687	6	200.	90.	230.	2.5	12.4	1.0	0.036	0.011
06 12 78 1445			.3		39713	6	7700.	510.	940.	2.0	12.6	0.8	0.090	0.039
MAXIMUM							7700.	510.	940.	23.0	12.6	4.5	0.225	0.082
AVG OR GEOM MN (*)							613.*	66.*	90.* D	9.8	9.4	1.2	0.098	0.030
MINIMUM							130.	4.	4.	0.5	6.1	0.4	0.036	0.008
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1015			.3		0.068	0.550	0.015	1.750	1.833	0.482	2.315	461.0	15.0	446
14 02 78 1405			.3		0.108	0.540	0.016	1.410	1.534	0.432	1.966	451.0	13.0	438
15 03 78 1130			.3		0.374	1.700	0.035	1.830	2.239	1.326	3.565	418.0	98.0	320
17 04 78 1500			.3		0.018	0.540	0.009	1.120	1.147	0.522	1.669	364.0	33.0	331
23 05 78 0955			.3		0.016	0.760	0.054	0.675	0.745	0.744	1.489	423.0	39.0	384
14 06 78 1425			.3		0.062	0.58	0.049	0.765	0.876	0.518	1.394	412.	67.	345
12 07 78 1005			.3		0.070	0.580	0.035	0.525	0.630	0.510	1.140	393.0	64.0	329
01 08 78 1435			.3		0.046	0.510	0.038	0.848	0.932	0.464	1.396	411.0	71.0	340
26 09 78 1100			.3		0.044	0.650	0.040	1.760	1.844	0.606	2.450	534.0	57.0	477
10 10 78 1540			.3		0.016	0.650	0.008	0.770	0.794	0.634	1.428	490.0	35.0	455
22 11 78 1025			.3		0.016	0.70	0.009	0.990	1.015	0.684	1.699	460.	10.	450
06 12 78 1445			.3		0.080	0.62	0.015	1.83	1.925	0.540	2.465	466.	24.	442
MAXIMUM					0.374	1.700	0.054	1.830	2.239	1.326	3.565	534.0	98.0	477
AVG OR GEOM MN (*)					0.077	0.698	0.027	1.189	1.293	0.622	1.915	440.3	43.8	396
MINIMUM					0.016	0.510	0.008	0.525	0.630	0.432	1.140	364.0	10.	320
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
18 01 78 1015			.3		700	13.00	24.5	58.0
14 02 78 1405			.3		675	13.00	26.0	55.0
15 03 78 1130			.3		510	87.00	62.0	32.5
17 04 78 1500			.3		520	21.00	21.5	39.5
23 05 78 0955			.3		579	23.00	23.0	42.5
14 06 78 1425			.3		540	38.	18.5	57.
12 07 78 1005			.3		520	48.00	23.0	49.0
01 08 78 1435			.3		530	4.90	21.0	
26 09 78 1100			.3		680	35.00	30.0	140.0
10 10 78 1540			.3		690	27.00	31.5	105.0
22 11 78 1025			.3		670	14.	29.	99.
06 12 78 1445			.3		670	21.	38.	90.
MAXIMUM					700	87.00	62.0	140.0
AVG OR GEOM MN (*)					607	28.74	29.0	69.8
MINIMUM					510	4.90	18.5	32.5
NO OF SAMPLES					12	12	12	11

B.O.W./ SITE: ERAMOSA RIVER
SAMPLE POINT: AT HIGHWAY NO 7 ROCKWOOD
STATION TYPE: RIVER

STATION ID: 16-0184-094-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: C2
C03
C150

STN NO: 94 LAT: LONG: U T M: 17 0569350.0 4829400.0 4 REGION: 02 MILEAGE: 118.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 0930			.3		39010	4	10.	2. L	2.	2.0	12.5	0.2	0.016	0.005
06 02 78 1520			.3		39075	4	20.	4. L	4. L	1.0	10.5	0.6	0.016	0.007
14 03 78 0955			.3		39165	4	50.	2. L	8.	2.5	10.8	0.2	0.023	0.011
18 04 78 1010			.3		39248	6	110.	2. L	6.	6.5	11.8	0.2	0.009	0.001
08 05 78 0950			.3		39265	6	10. L	2. L	2.	9.0	10.6	0.2	0.009	0.001
20 06 78 1140			.3		39492	6	590.	6.	12.	20.0	9.0	0.8	0.027	0.005
25 07 78 1030			.3		39525	6	260.	22.	20.	21.0	6.1	1.4	0.023	0.003
02 08 78 1430			.3		39552	6	300.	10.	134.	22.0	7.6	1.5	0.033	0.001
13 09 78 1005			.3		39578	6	2400.	118.	160.	14.0	9.0	0.6	0.029	0.008
18 10 78 1600			.3		39643	6	100.	8.	8.	8.5	10.1	0.2	0.019	0.001
21 11 78 0935			.3		39669	6	120.	14.	58.	1.0	13.4	0.2	0.008	0.001
11 12 78 1530			.3		39727	4	60.	2. L	22.	1.0	13.2	1.2	0.008	0.003
MAXIMUM							2400.	118.	160.	22.0	13.4	1.5	0.033	0.011
AVG OR GEOM MN (*)							99.* D	6.* D	14.* D	9.0	10.4	0.6	0.018	0.004
MINIMUM							10.	2.	2.	1.0	6.1	0.2	0.008	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP CTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
16 01 78 0930			.3		0.008	0.340	0.004	1.010	1.022	0.332	1.354	327.0	3.1	324
06 02 78 1520			.3		0.016	0.380	0.006	1.050	1.072	0.364	1.436	329.0	6.1	323
14 03 78 0955			.3		0.020	0.300	0.006	1.320	1.346	0.280	1.626	309.0	2.5	307
18 04 78 1010			.3		0.008	0.390	0.003	0.815	0.826	0.382	1.208	261.0	1.9	
08 05 78 0950			.3		0.008	0.380	0.004	0.685	0.697	0.372	1.069	267.0	3.4	264
20 06 78 1140			.3		0.028	0.550	0.006	0.460	0.494	0.522	1.016	306.0	3.4	303
25 07 78 1030			.3		0.041	0.510	0.004	0.134	0.179	0.469	0.648	297.0	3.8	293
02 08 78 1430			.3		0.048	0.550	0.006	0.065	0.119	0.502	0.621	322.0	5.9	316
13 09 78 1005			.3		0.020	0.480	0.003	0.295	0.318	0.460	0.778	309.0	4.8	304
18 10 78 1600			.3		0.011	0.880	0.002	0.120	0.133	0.869	1.002	347.0	3.8	343
21 11 78 0935			.3		0.007	0.400	0.002	0.340	0.349	0.393	0.742	325.0	0.6	324
11 12 78 1530			.3		0.020	0.38	0.003	0.802	0.825	0.360	1.185	322.	3.	319
MAXIMUM					0.048	0.880	0.006	1.320	1.346	0.869	1.626	347.0	6.1	343
AVG OR GEOM MN (*)					0.020	0.462	0.004	0.591	0.615	0.442	1.057	310.1	3.5	311
MINIMUM					0.007	0.300	0.002	0.065	0.119	0.280	0.621	261.0	0.6	264
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
16 01 78 0930			.3			510	1.70	12.5	35.0
06 02 78 1520			.3			515	3.70	12.5	34.5
14 03 78 0955			.3			520	2.20	12.0	35.5
18 04 78 1010			.3		259	400	1.10	9.5	26.5
08 05 78 0950			.3			445	1.00	11.0	28.5
20 06 78 1140			.3			470	2.20	10.5	27.0
25 07 78 1030			.3			450	2.70	9.6	24.0
02 08 78 1430			.3			455	2.10	12.5	25.0
13 09 78 1005			.3			470	2.10	98.0	35.5
18 10 78 1600			.3			520	3.20	15.0	49.5
21 11 78 0935			.3			475	1.10	14.0	49.5
11 12 78 1530			.3			490	1.5	14.5	46.5
MAXIMUM					259	520	3.70	98.0	49.5
AVG OR GEOM MN (*)					259	477	2.05	19.3	34.8
MINIMUM					259	400	1.00	9.5	24.0
NO OF SAMPLES					1	12	12	12	12

B.O.W./ SITE: BOSTON CREEK
SAMPLE POINT: AT FIRST CONC ROAD WEST OF HIGHWAY NO 6
STATION TYPE: RIVER

STATION ID: 16-0184-095-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 95 LAT: LONG: U T M: 17 0585650.0 4763550.0 4 REGION: 02 MILEAGE: 30.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1125			.3		39050	4	90.	10. L	10.	1.0	8.5	0.8	0.037	0.017
14 02 78 1305			.3		39117	4	400.	20.	24.	0.5	8.7	0.8	0.035	0.027
15 03 78 1240			.3		39183	6	10800.	296.	600. G	2.0	10.6	4.5	0.230	0.150
17 04 78 1250			.3		39223	6	108.	4. L	10.	9.0	11.6	0.8	0.036	0.008
23 05 78 1100			.3		39298	6	240.	56.	4.	17.0	7.7	1.2	0.126	0.043
14 06 78 1350			.3		39474	7	80.	12.	4.	17.0	13.6	0.8	0.038	0.003
12 07 78 1100			.3		39514	5 8	60.		12.	20.0	6.8	0.4	0.005	0.002
01 08 78 1250			.3		39541	8	50.	8.	44.	24.5	7.6	0.2	0.017	0.003
26 09 78 1148			.3		39606	8	600.	280.	58.	13.0	10.6	0.2	0.026	0.006
10 10 78 1445			.3		39632	6	2900.	200.	70.	14.0	10.1	0.4	0.044	0.017
22 11 78 1115			.3		39690	6	600.	10.	380.	2.0	13.3	1.0	0.030	0.007
06 12 78 1145			.3		39716	3 6	12400.	230.	790.	1.0	12.3	1.6	0.132	0.056
MAXIMUM							12400.	296.	790.	24.5	13.6	4.5	0.230	0.150
AVG OR GEOM MN (*)							421.*	37.* D	40.* U	10.1	10.1	1.1	0.063	0.028
MINIMUM							50.	4.	4.	0.5	6.8	0.2	0.005	0.002
NO OF SAMPLES							12	11	12	12	12	12	12	12

(C O N T D)

STATION ID: 16-0184-095-02

B.O.W./ SITE: BOSTON CREEK
SAMPLE POINT: AT FIRST CONC ROAD WEST OF HIGHWAY NO 6
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 95 LAT: LONG: U T M: 17 0585650.0 4763550.0 4 REGION: 02 MILEAGE: 30.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78	1125			.3		0.078	0.550	0.025	1.730	1.833	0.472	2.305	847.0	3.8	843
14 C2 78	1305			.3		0.110	0.560	0.022	1.000	1.132	0.450	1.582	996.0	7.9	988
15 03 78	1240			.3		0.950	2.050	0.029	2.220	3.199	1.100	4.299	319.0	59.0	
17 04 78	1250			.3		0.012	0.570	0.007	1.000	1.019	0.558	1.577	550.0	6.9	543
23 05 78	1100			.3		0.040	1.110	0.084	2.070	2.194	1.070	3.264	412.0	27.0	385
14 06 78	1350			.3		0.052	0.60	0.003	0.005	0.060	0.548	0.608	1559.	4.6	1554
12 07 78	1100			.3		0.022	0.500	0.003	0.012	0.037	0.478	0.515	2037.0	2.7	2034
01 08 78	1250			.3		0.014	0.300	0.002	0.005L	0.021	0.286	0.307	2242.0	2.3	2240
26 09 78	1148			.3		0.024	0.770	0.033	2.370	2.427	0.746	3.173	843.0	2.6	840
10 10 78	1445			.3		0.022	0.900	0.026	5.470	5.518	0.878	6.396	614.0	7.0	607
22 11 78	1115			.3		0.010	0.75	0.009	1.79	1.809	0.740	2.549	659.	4.	655
06 12 78	1145			.3		0.006	0.86	0.026	3.47	3.502	0.854	4.356	416.	18.	398
MAXIMUM						0.950	2.050	0.084	5.470	5.518	1.100	6.396	2242.0	59.0	2240
AVG OR GEOM MN (*)						0.112	0.793	0.022	1.762D	1.896	0.682	2.578	957.8	12.2	1008
MINIMUM						0.006	0.300	0.002	0.005	0.021	0.286	0.307	319.0	2.3	385
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
18 01 78	1125			.3			1070	5.10	17.0	390.0
14 02 78	1305			.3			1200	4.30	20.0	453.0
15 03 78	1240			.3		260	400	42.00	13.0	115.0
17 04 78	1250			.3			720	8.50	13.0	215.0
23 05 78	1100			.3			464	36.00	10.5	110.0
14 06 78	1350			.3			1650	1.6	15.0	880.
12 07 78	1100			.3			1980	1.50	31.0	1244.0
01 08 78	1250			.3			2100	1.50	29.0	
26 09 78	1148			.3			1000	2.80	23.5	385.0
10 10 78	1445			.3			770	8.60	22.0	231.0
22 11 78	1115			.3			830	17.	22.5	270.
06 12 78	1145			.3			485	56.	15.	
MAXIMUM						260	2100	56.	31.0	1244.0
AVG OR GEOM MN (*)						260	1056	15.41	19.3	429.3
MINIMUM						260	400	1.50	10.5	110.0
NO OF SAMPLES						1	12	12	12	10

STATION ID: 16-0184-096-02

B.O.W./ SITE: MCKENZIE CREEK
SAMPLE POINT: AT FIRST CONC ROAD WEST OF HIGHWAY NO 6
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 96 LAT: LONG: U T M: 17 0585500.0 4764900.0 4 REGION: 02 MILEAGE: 31.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78	1110			.3		39049	4	140.	10. L	30.	1.0	8.6	0.8	0.035	0.017
14 02 78	1315			.3		39116	4	70.	4. L	12.	0.0	7.6	1.0	0.034	0.027
15 03 78	1235			.3		39182	6	1390.	192.	560.	2.0	10.4	2.6	0.131	0.071
17 04 78	1245			.3		39222	6	100.	4. L	20.	8.5	10.8	1.2	0.044	0.004
23 05 78	1050			.3		39297	6	10.	4. L	4. L	17.0	8.3	1.4	0.088	0.011
14 06 78	1345			.3		39473	6	380.	76.	36.	16.0	10.6	3.5	0.112	0.015
12 07 78	1050			.3		39513	6	320.	128.	96.	17.0	6.3	1.8	0.166	0.012
01 08 78	1255			.3		39540	6	240.	28.	32.	22.0	7.1	0.8	0.081	0.012
26 09 78	1143			.3		39605	6	1300.	78.	136.	13.5	9.2	1.0	0.110	0.026
10 10 78	1500			.3		39631	6	1700.	110.	50.	13.0	9.8	0.5	0.096	0.030
22 11 78	1105			.3		39689	6	800.	90.	400.	2.0	12.8	0.8	0.046	0.010
06 12 78	1140			.3		39715	6	11800.	300.	750.	1.0	12.4	1.2	0.134	0.068
MAXIMUM								11800.	300.	750.	22.0	12.8	3.5	0.166	0.071
AVG OR GEOM MN (*)								377.*	38.* D	63.* D	9.4	9.5	1.4	0.090	0.025
MINIMUM								10.	4.	4.	0.0	6.3	0.5	0.034	0.004
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78	1110			.3		0.026	0.420	0.011	1.790	1.827	0.394	2.221	492.0	5.8	486
14 02 78	1315			.3		0.036	0.720	0.012	1.450	1.498	0.684	2.182	489.0	5.5	483
15 03 78	1235			.3		0.346	1.200	0.019	2.200	2.565	0.854	3.419	368.0	21.0	347
17 04 78	1245			.3		0.022	0.580	0.007	0.860	0.889	0.558	1.447	348.0	16.0	332
23 05 78	1050			.3		0.038	0.750	0.048	0.050	0.136	0.712	0.848	419.0	33.0	386
14 06 78	1345			.3		0.114	0.42	0.012	0.075	0.201	0.306	0.507	637.	53.	584
12 07 78	1050			.3		0.030	0.940	0.009	0.071	0.110	0.910	1.020	646.0	84.0	562
01 08 78	1255			.3		0.030	0.600	0.005	0.005L	0.040	0.570	0.610	676.0	33.0	643
26 09 78	1143			.3		0.016	0.690	0.007	0.610	0.633	0.674	1.307	499.0	52.0	447
10 10 78	1500			.3		0.066	0.940	0.012	1.490	1.568	0.874	2.442	429.0	33.0	396
22 11 78	1105			.3		0.010	0.60	0.009	0.990	1.009	0.590	1.599	483.	10.	473
06 12 78	1140			.3		0.006	0.82	0.028	1.97	2.004	0.814	2.818	264.	20.	244
MAXIMUM						0.346	1.200	0.048	2.200	2.565	0.910	3.419	676.0	84.0	643
AVG OR GEOM MN (*)						0.062	0.723	0.015	0.963D	1.040	0.662	1.702	479.2	30.5	449
MINIMUM						0.006	0.420	0.005	0.005	0.040	0.306	0.507	264.	5.5	244
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	235 TOTAL MERCURY UG/L
18 01 78	1110			.3		700	7.30	14.0	145.0	
14 02 78	1315			.3		705	5.80	13.0	143.0	
15 03 78	1235			.3		493	27.00	12.0	103.0	
17 04 78	1245			.3		480	13.00	10.5	90.0	
23 05 78	1050			.3		525	12.00	10.5		
14 06 78	1345			.3		760	35.	12.0	215.	
12 07 78	1050			.3		760	55.00	13.5	234.0	
01 08 78	1255			.3		820	24.00	13.5		
26 09 78	1143			.3		620	38.00	14.5	180.0	
10 10 78	1500			.3		580	30.00	15.0	119.0	
22 11 78	1105			.3		580	18.	15.		
06 12 78	1140			.3		375	67.	10.5	75.	0.010L
MAXIMUM						820	67.	15.0	234.0	0.010
AVG OR GEOM MN (*)						617	27.68	12.8	144.9	0.010D
MINIMUM						375	5.80	10.5	75.	0.010
NO OF SAMPLES						12	12	12	9	1

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-097-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 97 LAT: LONG: U T M: 17 0557150.0 4776350.0 4 REGION: 02 MILEAGE: 66.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78	1400			.3		39054	6	3000.	740.	610.	1.0	12.0	0.8	0.045	0.034
14 02 78	1050			.3		39112	6	4. L	4. L	4. L	3.0	10.6	0.4	0.043	0.037
15 03 78	1515			.3		39187	6	14200.	350.	280.	2.0	11.5	1.2	0.063	0.030
17 04 78	1130			.3		39227	7	190.	10. L	10. L	7.0	11.4	0.8	0.078	0.038
23 05 78	1350			.3		39452	6	290.	28.	4. L	16.0	8.5	0.4	0.057	0.015
14 06 78	1145			.3		39478	6	70.	10.	10. L	17.0	10.1	1.2	0.092	0.035
12 07 78	1330			.3		39518	6	110.	20.	10.	23.0	7.7	2.0	0.085	0.003
01 08 78	1140			.3		39545	6	100. L	4. L	8.	22.5	6.6	1.0	0.070	0.008
26 09 78	1415			.3		39610	6	1000.	4.	4.	16.0	8.8	0.4	0.072	0.019
10 10 78	1115			.3		39636	6	700.	10. L	10.	12.0	11.4	0.6	0.047	0.011
22 11 78	1410			.3		39694	6	90.	4.	36.	3.0	13.2	1.0	0.052	0.025
06 12 78	1035			.3		39720	6	1150.	16.	76.	2.0	13.0	1.2	0.068	0.034
MAXIMUM								14200.	740.	610.	23.0	13.2	2.0	0.092	0.038
AVG OR GEOM MN (*)								300.* D	17.* D	19.* D	10.4	10.4	0.9	0.064	0.024
MINIMUM								4.	4.	4.	1.0	6.6	0.4	0.043	0.003
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78	1400			.3		0.520	0.920	0.029	3.120	3.669	0.400	4.069	474.0	1.3	473
14 02 78	1050			.3		0.478	0.820	0.020	3.190	3.688	0.342	4.030	512.0	1.6	510
15 03 78	1515			.3		0.810	1.180	0.017	3.400	4.227	0.370	4.597	530.0	6.8	523
17 04 78	1130			.3		0.178	0.660	0.023	1.410	1.611	0.482	2.093	279.0	13.0	
23 05 78	1350			.3		0.086	0.520	0.046	2.190	2.322	0.434	2.756	392.0	9.2	383
14 06 78	1145			.3		0.120	0.740	0.055	1.890	2.065	0.620	2.685	429.	21.	408
12 07 78	1330			.3		0.086	0.880	0.017	1.130	1.233	0.794	2.027	429.0	20.0	409
01 08 78	1140			.3		0.052	0.690	0.015	1.420	1.487	0.638	2.125	400.0	21.0	379
26 09 78	1415			.3		0.026	0.680	0.024	3.180	3.230	0.654	3.884	456.0	15.0	441
10 10 78	1115			.3		0.041	0.610	0.016	2.130	2.187	0.569	2.756	407.0	7.2	400
22 11 78	1410			.3		0.124	0.68	0.027	2.72	2.871	0.556	3.427	447.	3.	444
06 12 78	1035			.3		0.465	0.97	0.025	2.63	3.120	0.505	3.625	427.	5.	422
MAXIMUM						0.810	1.180	0.055	3.400	4.227	0.794	4.597	530.0	21.	523
AVG OR GEOM MN (*)						0.249	0.779	0.026	2.368	2.643	0.530	3.173	431.8	10.3	436
MINIMUM						0.026	0.520	0.015	1.130	1.233	0.342	2.027	279.0	1.3	379
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
18 01 78	1400			.3			740	2.20	39.5	68.0	3.40	3.0	270	7.85	0.100
14 02 78	1050			.3			800	2.30	59.0	85.0	3.70	5.8	251	8.02	0.110
15 03 78	1515			.3			835	6.40	84.0	80.0	2.90	6.4	217	7.78	0.340
17 04 78	1130			.3		266	410	18.00	14.5	31.0	2.25	1.4	168	8.14	0.800
23 05 78	1350			.3			590	3.40	39.0	56.0	0.80	0.0	207	8.27	0.350
14 06 78	1145			.3			640	6.7	48.0	80.0	1.35	0.	187	8.31	0.46
12 07 78	1330			.3			600	15.00	49.0	90.0	2.15	0.0	172	8.32	0.560
01 08 78	1140			.3			580	12.00	42.0	86.0	1.55	0.0	171	8.44	0.650
26 09 78	1415			.3			640	7.90	41.0	93.0	3.00	0.9	190	8.18	0.450
10 10 78	1115			.3			620	5.30	38.0	80.0	1.40	0.0	202	8.42	0.320
22 11 78	1410			.3			880	4.4	42.	78.	2.45	3.7	222	8.24	0.15
06 12 78	1035			.3			830	6.5	98.	90.	2.90	2.9	207	8.13	0.31
MAXIMUM						266	835	18.00	98.	93.0	3.70	6.4	270	8.44	0.800
AVG OR GEOM MN (*)						266	664	7.51	49.5	76.4	2.32	2.0	205	8.18	0.383
MINIMUM						266	410	2.20	14.5	31.0	0.80	0.0	168	7.78	0.100
NO OF SAMPLES						1	12	12	12	12	12	12	12	12	12

(CONTD)

STATION ID: 16-0184-097-02

B.O.W./ SITE: BRANTFORD WATER WORKS CANAL
SAMPLE POINT: AT WATER WORKS PARK FOOT BRIDGE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 97   LAT: LONG: U T M: 17 0557150.0 4776350.0 4   REGION: 02   MILEAGE: 66.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
18 01 78 1400			.3		1.0L	335.0	93.00	25.00	20	2.45	23.00	55	0.001L	0.050L
14 02 78 1050			.3		1.0L	348.0	98.00	25.00	10	2.40	34.00	31	0.001L	0.050L
15 03 78 1515			.3		1.0	307.0	86.00	22.50	20	2.80	60.00	50	0.001L	0.300
17 04 78 1130			.3		1.0L	207.0	59.00	14.50	45	2.10	9.30	31	0.012	1.000
23 05 78 1350			.3		1.0L	274.0	76.00	20.50	25	2.25	20.00	20	0.001L	0.340
14 06 78 1145			.3		1. L	265.	70.	22.	30	2.45	32.	20	0.001L	0.340
12 07 78 1330			.3		1.0L	224.0	67.00	23.00	58	2.70	31.00	40	0.001	0.160
01 08 78 1140			.3		1.0L	253.0	65.00	22.00	20	2.65	27.00	24	0.001	0.83
26 09 78 1415			.3		1.0L	276.0	75.00	21.50	34	3.45	26.00	23	0.001	
10 10 78 1115			.3		1.0L	278.0	75.00	22.00	30	3.40	21.00	30	0.001	0.280
22 11 78 1410			.3		1.	304.	83.	23.5	28	3.50	26.	49	0.001L	0.180
06 12 78 1035			.3		3.	290.	79.	22.5	30	2.20	59.	39	0.001	0.240
MAXIMUM					3.	348.0	98.00	25.00	58	3.50	60.00	55	0.012	1.000
AVG OR GEOM MN (*)					1.2D	280.1	77.17	22.00	29	2.70	30.69	34	0.002D	0.343D
MINIMUM					1.0	207.0	59.00	14.50	10	2.10	9.30	20	0.001	0.050
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
18 01 78 1400			.3		0.020L	0.010L	0.030L	0.005L	0.010L	0.019	0.020L	0.020L
14 02 78 1050			.3		0.020L	0.010	0.030L	0.005L	0.020	0.026	0.020L	0.020L
15 03 78 1515			.3		0.020L	0.020	0.030L	0.005L	0.040	0.034	0.020L	0.020L
17 04 78 1130			.3		0.020L	0.010	0.030L	0.005L	0.020	0.045	0.020L	0.020L
23 05 78 1350			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.040	0.020L	0.020L
14 06 78 1145			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.040	0.020L	0.020L
12 07 78 1330			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.060	0.020L	0.020L
01 08 78 1140			.3		0.04 L	0.02	0.03 L	0.005L	0.02	0.050	0.02 L	0.02 L
26 09 78 1415			.3							0.036		
10 10 78 1115			.3		0.020L	0.010L	0.030L	0.005L	0.010	0.026	0.020L	0.020L
22 11 78 1410			.3		0.020L	0.020	0.030L	0.005L	0.010L	0.013	0.040	0.020L
06 12 78 1035			.3		0.020L	0.020L	0.030L	0.005L	0.030	0.020	0.020L	0.020L
MAXIMUM					0.04	0.020	0.030	0.005	0.040	0.060	0.040	0.020
AVG OR GEOM MN (*)					0.022D	0.016D	0.030D	0.005D	0.017D	0.034	0.022D	0.020D
MINIMUM					0.020	0.010	0.030	0.005	0.010	0.013	0.020	0.020
NO OF SAMPLES					11	11	11	11	11	12	11	11

STATION ID: 16-0184-098-02

B.O.W./ SITE: BADEN CREEK
SAMPLE POINT: AT BLEAMS ROAD DOWNSTREAM FROM BADEN STP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 98   LAT: LONG: U T M: 17 0527050.0 4803000.0 4   REGION: 02   MILEAGE: 127.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
07 02 78 1330			.3		39094	6	30.	10. L	100.	1.0	11.4	1.0	0.123	0.046
06 03 78 1250			.3		39145	6	810.	32.	480.	2.5	13.6	0.2	0.166	0.145
11 04 78 1145			.3		39211	6	5000.	890.	1500. G	6.0	10.0	3.6	0.600	0.200
15 05 78 1100			.3		39279	6	900.	40.	400.	11.0	12.6	1.2	0.111	0.068
07 06 78 1140			.3		39462	6	300.	20.	100. L	14.0	9.7	1.5	0.152	0.105
11 07 78 1145			.3		39502	6	4. L	4. L	4. L	17.0	7.9	4.0	0.103	0.062
22 08 78 1103			.3		39568	6 8	600. G	64.	252.	17.0	10.6	0.4	0.360	0.120
19 09 78 1326			.3		39594	6 8	60000.	5700.	600. G	12.5	8.4	1.2	0.246	0.150
04 10 78 1210			.3		39620	6 8	14700E+1	1500. G	1500. G	12.5	10.8	1.8	0.185	0.110
15 11 78 1400			.3		39659	6	1080.	300.	1000.	5.0	8.4	1.0	0.087	0.073
05 12 78 1045			.3		39704	6	14800.	720.	1500. G	1.5	12.4	1.2	0.156	0.086
MAXIMUM							14700E+1	5700.	1500.	17.0	13.6	4.0	0.600	0.200
AVG OR GEOM MN (*)							1244.* E	124.* E	322.* E	9.1	10.5	1.6	0.208	0.106
MINIMUM							4.	4.	4.	1.0	7.9	0.2	0.087	0.046
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
07 02 78 1330			.3		0.134	0.520	0.015	2.330	2.479	0.386	2.865	497.0	46.0	451
06 03 78 1250			.3		0.120	0.400	0.013	2.540	2.673	0.280	2.953	607.0	17.0	590
11 04 78 1145			.3		0.380	2.35	0.058	2.40	2.838	1.970	4.808	523.	305.	
15 05 78 1100			.3		0.102	0.74	0.046	3.10	3.248	0.638	3.886	431.	17.	414
07 06 78 1140			.3		0.248	0.700	0.255	1.370	1.873	0.452	2.325	349.0	7.1	342
11 07 78 1145			.3		0.130	1.510	0.040	1.210	1.380	1.380	2.760	360.0	9.9	350
22 08 78 1103			.3		0.056	0.31	0.033	1.50	1.589	0.254	1.843	355.	20.4	335
19 09 78 1326			.3		0.094	1.120	0.225	14.600	14.919	1.026	15.945	507.0	42.0	465
04 10 78 1210			.3		0.018	0.600	0.150	4.750	4.918	0.582	5.500	479.0	35.0	444
15 11 78 1400			.3		0.076	0.390	0.017	2.770	2.863	0.314	3.177	397.0	6.0	391
05 12 78 1045			.3		0.146	0.84	0.029	1.07	1.245	0.694	1.939	397.	22.	375
MAXIMUM					0.380	2.35	0.255	14.600	14.919	1.970	15.945	607.0	305.	590
AVG OR GEOM MN (*)					0.137	0.862	0.080	3.422	3.639	0.725	4.364	445.6	47.9	416
MINIMUM					0.018	0.31	0.013	1.07	1.245	0.254	1.843	349.0	6.0	335
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
07 02 78	1330			.3			730	22.00	70.0	40.0
06 03 78	1250			.3			885	9.30	125.0	39.0
11 04 78	1145			.3		218	335	190.	24.5	21.0
15 05 78	1100			.3			600	18.	40.5	37.5
07 06 78	1140			.3			560	4.70	24.0	36.0
11 07 78	1145			.3			560	6.60	26.5	39.5
22 08 78	1103			.3			500	8.8	12.5	36.5
19 09 78	1326			.3			620	27.00	35.0	62.0
04 10 78	1210			.3			620	24.00	35.0	58.0
15 11 78	1400			.3			640	5.60	33.0	47.0
05 12 78	1045			.3			620	22.	44.	50.
MAXIMUM						218	885	190.	125.0	62.0
AVG OR GEOM MN (*)						218	606	30.73	42.7	42.4
MINIMUM						218	335	4.70	12.5	21.0
NO OF SAMPLES						1	11	11	11	11

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: ABOVE NEW GUELPH RESERVOIR ARMSTRONG MILLS
STATION TYPE: RIVER FLOW GAUGE FED 02GA040
STATION ID: 16-0184-099-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER
STORET CODE: 02
003
0150
STN NO: 99 LAT: LONG: U T M: 17 0558875.0 4831900.0 4 REGION: 02 MILEAGE: 119.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
18 04 78	1030			.3		39235	6	164.00	80.	2. L	10.	6.0	11.2	0.2	0.009
24 04 78	0955			.3		39251	6	132.00	70.	2.	28.	8.0	12.0	0.5	0.013
03 05 78	1230			.3		39257	6	51.60	28.	2. L	2.	9.0	8.8	0.5	0.008
08 05 78	1010			.3		39267	6	54.70	100.	2. L	14.	9.0	10.5	0.2	0.012
16 05 78	1120			.3		39300	3	197.00				11.0	10.8	0.4	0.018
23 05 78	1130			.3		39302	6	76.60				16.0	11.5	0.8	0.018
29 05 78	1145			.3		39304	6	27.80	180.	36.	4. L	21.0	8.9	1.2	0.032
05 06 78	1120			.3		39306	6	21.60	56.	4.	8.	15.0	10.3	0.4	0.016
12 06 78	1140			.3		39308	8	17.00	100.	4.	8.	20.0	9.7	0.5	0.018
19 06 78	1100			.3		39310	8	22.70	1500. G	4.	4.	19.0	9.1	1.0	0.025
26 06 78	1120			.3		39312	8	11.00	320.	82.	56.	20.0	8.8	0.6	0.034
03 07 78	0910			.3		39314	8	8.00	5800.	300. G	22.	19.3	10.9	1.0	0.015
10 07 78	1100			.3		39316			1000.	490.	40.	20.3	9.6	0.8	0.022
17 07 78	1110			.3		39318		3.40	310.	10.	56.	19.8	9.9	0.5	0.021
24 07 78	1050			.3		39320			400.	112.	360.	20.3	9.3	1.0	0.023
31 07 78	1100			.3		39322		3.90	200.	20.	32.	19.3	10.6	0.8	0.065
08 08 78	1335			.3		39324	8	3.00	100.	28.	20.	24.0	11.0	1.0	0.051
14 08 78	1340			.3		39326	8	1.90	24000.	60.	176.	24.5	11.4	0.8	0.049
21 08 78	1400			.3		39328	8	8.30	40.	4. L	32.	21.5	11.1	0.2	0.028
28 08 78	1413			.3		39330	8	8.10	900.	8.	52.	18.0	9.4	0.8	0.027
05 09 78	1410			.3		39332	8	5.00	110.	28.	8.	20.0	10.6	1.0	0.019
11 09 78	1430			.3		39334	8	13.50				20.7	10.0	0.2	0.016
18 09 78	1500			.3		39336	8	87.60	53000.	19000.	600. G	12.0	9.8	1.4	0.086
25 09 78	1415			.3		39338	8	25.50	100. L	20.	100. L	13.5	11.0	0.2	0.020
03 10 78	1040			.3		39340	8	18.30	300.	70.	110.	10.0	10.3	0.2	0.010
10 10 78	1415			.3		39342	8	31.10	72.	60.	32.	11.5	11.6	0.4	0.035
16 10 78	1400			.3		39344	8	21.40	80.	22.	34.	7.5	12.0	0.5	0.068
23 10 78	1105			.3		39346	8	18.40	4100.	48.	98.	9.0	11.2	1.0	0.011
30 10 78	1425			.3		39348	8	26.90	10. L	12.	12.	6.0	12.4	0.6	0.003
21 11 78	0955			.3		39671	6	46.80	170.	40.	80.	1.0	13.4	0.8	0.021
11 12 78	1510			.3		39728	6	51.90	60.	12.	24.	1.0	13.4	0.6	0.011
MAXIMUM								197.00	53000.	19000.	600.	24.5	13.4	1.4	0.086
AVG OR GEOM MN (*)								39.97	260.* E	23.* E	30.* E	14.6	10.7	0.6	0.026
MINIMUM								1.90	10.	2.	2.	1.0	8.8	0.2	0.003
NO OF SAMPLES								29	28	28	28	31	31	31	31

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
18 04 78	1030			.3		0.001	0.008	0.440	0.005	1.620	1.633	0.432	2.065	266.0	1.8
24 04 78	0955			.3		0.001L	0.006	0.420	0.006	1.240	1.252	0.414	1.666	272.0	1.7
03 05 78	1230			.3		0.001	0.008	0.430	0.007	1.440	1.455	0.422	1.877	287.0	1.8
08 05 78	1010			.3		0.001	0.012	0.480	0.011	1.320	1.343	0.468	1.811	286.0	2.0
16 05 78	1120			.3		0.001	0.004	0.640	0.007	0.945	0.956	0.636	1.592	277.0	4.3
23 05 78	1130			.3		0.001	0.028	0.61	0.008	0.810	0.846	0.582	1.428	294.	3.6
29 05 78	1145			.3		0.006	0.494	0.63	0.020	1.33	1.844	0.136	1.980	266.	2.8
05 06 78	1120			.3		0.001	0.028	0.550	0.017	1.080	1.125	0.522	1.647	289.0	5.6
12 06 78	1140			.3		0.003	0.034	0.550	0.021	1.480	1.535	0.516	2.051	268.0	3.0
19 06 78	1100			.3		0.001	0.024	0.760	0.017	1.380	1.421	0.736	2.157	308.0	4.8
26 06 78	1120			.3		0.009	0.034	0.590	0.018	1.360	1.412	0.556	1.968	302.0	6.1
03 07 78	0910			.3		0.001	0.018	0.50	0.013	1.07	1.101	0.482	1.583	280.	4.4
10 07 78	1100			.3		0.001	0.030	0.610	0.015	0.890	0.935	0.580	1.515	278.0	2.2
17 07 78	1110			.3		0.001L	0.030	0.570	0.015	0.872	0.917	0.540	1.457	273.0	2.7
24 07 78	1050			.3		0.002	0.067	0.640	0.045	0.924	1.036	0.573	1.609	280.0	4.1
31 07 78	1100			.3		0.002	0.030	0.700	0.029	1.000	1.059	0.670	1.729	327.0	28.0
08 08 78	1335			.3		0.009	0.036	0.640	0.023	0.540	0.599	0.604	1.203	374.0	4.7
14 08 78	1340			.3		0.005	0.006	0.540	0.055	0.630	0.691	0.534	1.225	262.0	18.0
21 08 78	1400			.3		0.003	0.039	0.500	0.012	0.933	0.984	0.461	1.445	262.0	5.0
28 08 78	1413			.3		0.001L	0.046	0.690	0.026	0.270	0.342	0.644	0.986	261.0	2.7
05 09 78	1410			.3		0.002	0.044	0.380	0.011	0.185	0.240	0.336	0.576	266.0	3.2
11 09 78	1430			.3		0.002	0.018	0.530	0.008	1.140	1.166	0.512	1.678	278.0	5.2
18 09 78	1500			.3		0.013	0.030	0.980	0.008	0.900	0.938	0.950	1.888	407.0	39.0
25 09 78	1415			.3		0.002	0.054	0.680	0.029	0.390	0.473	0.626	1.099	277.0	3.6
03 10 78	1040			.3		0.001	0.008	0.450	0.006	0.895	0.909	0.442	1.351	342.0	4.4
10 10 78	1415			.3		0.022	0.031	0.560	0.005	0.790	0.826	0.529	1.355	349.0	1.7
16 10 78	1400			.3		0.038	0.770	1.610	0.093	1.910	2.773	0.840	3.613	447.0	3.2
23 10 78	1105			.3		0.001	0.006	0.460	0.006	1.070	1.082	0.454	1.536	317.0	0.9
30 10 78	1425			.3		0.001	0.011	0.510	0.004	0.795	0.810	0.499	1.309	364.0	1.0
21 11 78	0955			.3		0.002	0.128	0.700	0.012	0.325	0.465	0.572	1.037	304.0	3.0
11 12 78	1510			.3		0.001	0.018	0.52	0.003	1.20	1.221	0.502	1.723	339.	3.
MAXIMUM						0.038	0.770	1.610	0.093	1.910	2.773	0.950	3.613	447.0	39.0
AVG OR GEOM MN (*)						0.004D	0.068	0.609	0.018	0.991	1.077	0.541	1.618	303.9	5.7
MINIMUM						0.001	0.004	0.380	0.003	0.185	0.240	0.136	0.576	261.0	0.9
NO OF SAMPLES						31	31	31	31	31	31	31	31	31	31

(C O N T D)

STATION ID: 16-0184-099-02

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: ABOVE NEW GUELPH RESERVOIR ARMSTRONG MILLS
STATION TYPE: RIVER FLOW GAUGE FED 02GA040

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 99 LAT: LONG: U T M: 17 0558875.0 4831900.0 4 REGION: 02 MILEAGE: 119.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 04 78	1030			.3			264	405	1.50	8.8	24.5		
24 04 78	0955			.3			270	415	1.20	10.0			
03 05 78	1230			.3		285		440	0.75	10.0			
08 05 78	1010			.3		284		450	1.20	10.5	26.5		
16 05 78	1120			.3				420	1.40	10.0	21.5	5.	25
23 05 78	1130			.3				450	1.1	10.5	20.0	7.7	33
29 05 78	1145			.3				405	1.6	11.	23.0	4.8	14
05 06 78	1120			.3				440	1.40	14.5	23.0	6.	36
12 06 78	1140			.3				455	1.40	11.0	25.5	6.	10
19 06 78	1100			.3				455	2.10	10.5	25.0	7.0	25
26 06 78	1120			.3				450	2.70	11.0	26.5	6.	23
03 07 78	0910			.3				425	1.5	11.5	29.0	5.4	28
10 07 78	1100			.3				425	2.20	12.0	28.5	6.	15
17 07 78	1110			.3				415	1.60	12.5	29.5	5.	19
24 07 78	1050			.3				425	2.00	12.0	29.0	6.	44
31 07 78	1100			.3				425	2.30	12.0	30.5	5.	28
08 08 78	1335			.3				540	2.00	54.0	23.0	5.3	33
14 08 78	1340			.3				375	7.60	12.0	16.0	4.	33
21 08 78	1400			.3				395	1.40	12.0	30.5	5.	20
28 08 78	1413			.3				400	2.30	13.5	20.5	7.	40
05 09 78	1410			.3				405	1.90	13.5	21.0	7.0	22
11 C) 78	1430			.3				420	3.90	10.0	33.5	4.4	35
18 09 78	1500			.3				490	7.80	12.0	68.0	8.4	30
25 09 78	1415			.3				420	2.00	12.0	40.0	8.0	33
03 10 78	1040			.3				480	1.00	10.4	56.0	6.9	27
10 10 78	1415			.3				530	1.20	13.0	65.0	8.2	30
16 10 78	1400			.3		444		690	3.40	58.0	54.0	7.	44
23 10 78	1105			.3		316		520	1.00	11.0		7.	44
30 10 78	1425			.3		363		520	1.90	13.0		7.	44
21 11 78	0955			.3		301		460	2.40	14.5	39.5	7.	44
11 12 78	1510			.3		336		520	1.0	13.	53.	7.	44
MAXIMUM						444	270	690	7.80	58.0	68.0	8.4	44
AVG OR GEOM MN (*)						333	267	454	2.15	14.5	32.7	6.3	30
MINIMUM						284	264	375	0.75	8.8	16.0	4.	10
NO OF SAMPLES						7	2	31	31	31	27	27	27

STATION ID: 16-0184-100-02

B.O.W./ SITE: CONESTOGO RIVER
SAMPLE POINT: AT WELLINGTON COUNTY ROAD NO 7
STATION TYPE: RIVER FLOW GAUGE FED 02GA039

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO: 100 LAT: LONG: U T M: 17 0529200.0 4847650.0 4 REGION: 02 MILEAGE: 152.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
02 08 78	1130			.3		39557	7 5	1.60	1100.	32.	16.	25.0	8.8	2.6	0.102
13 09 78	1250			.3		39583	7 5	4.10	1700.	16.	48.	15.5	11.5	0.2	0.033
16 10 78	1300			.3		39648	6	15.70	300.	8.	4. L	8.0	13.3	1.8	0.019
21 11 78	1230			.3		39678	6	49.40	450.	84.	292.	2.0	12.8	0.2	0.028
11 12 78	1145			.3		39736	4	70.60	440.	20.	150.	0.0	13.4	0.2	0.054
MAXIMUM								70.60	1700.	84.	292.	25.0	13.4	2.6	0.102
AVG OR GEOM MN (*)								28.28	644.*	23.*	42.' D	10.1	12.0	1.0	0.047
MINIMUM								1.60	300.	8.	4.	0.0	8.8	0.2	0.019
NO OF SAMPLES								5	5	5	5	5	5	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
02 08 78	1130			.3		0.006	0.006	1.000	0.002	0.010	0.018	0.994	1.012	384.0	130.0
13 09 78	1250			.3		0.003	0.022	0.490	0.005	0.050	0.077	0.468	0.545	284.0	14.0
16 10 78	1300			.3		0.006	0.008	0.680	0.005	0.405	0.418	0.672	1.090	379.0	5.9
21 11 78	1230			.3		0.005	0.030	0.76	0.009	1.34	1.379	0.730	2.109	376.	5.
11 12 78	1145			.3		0.011	0.048	0.70	0.007	1.44	1.405	0.652	2.147	421.	39.
MAXIMUM						0.011	0.048	1.000	0.009	1.44	1.495	0.994	2.147	421.	130.0
AVG OR GEOM MN (*)						0.006	0.023	0.726	0.006	0.649	0.677	0.703	1.381	368.8	38.8
MINIMUM						0.003	0.006	0.490	0.002	0.010	0.018	0.468	0.545	284.0	5.
NO OF SAMPLES						5	5	5	5	5	5	5	5	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
02 08 78	1130			.3			254	390	29.00	16.0	23.0
13 09 78	1250			.3			270	415	13.00	18.0	30.5
16 10 78	1300			.3		373		560	8.40	19.0	65.0
21 11 78	1230			.3		371		580	6.4	17.	
11 12 78	1145			.3		384		590	19.	16.	
MAXIMUM						384	270	590	29.00	19.0	65.0
AVG OR GEOM MN (*)						376	262	507	15.16	17.2	39.5
MINIMUM						371	254	390	6.4	16.0	23.0
NO OF SAMPLES						3	2	5	5	5	3

B.O.W./ SITE: PICTON CREEK
SAMPLE POINT: AT CONSERVATION AREA POUND
STATION TYPE: RIVER

STATION ID: 17-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PICTON CREEK

STORET CODE: 02
004
1710

STN NO: 1 LAT: LONG: U T M: 18 0329975.0 4874300.0 4 REGION: 04 MILEAGE: 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
31 01 78 0800			.3		27800	4	32.	2. L	4.	2.0	7.0	0.2	0.003	0.002
28 02 78 0810			.3		27808	6	10.	2. L	2. L	2.0	7.0	0.2	0.009	0.005
28 03 78 0810			.3		27816	6	100.	2. L	2.	2.0	2.0	0.2	0.015	0.002
25 04 78 0820			.3		27824	6	70.	4.	4.	6.0	6.0	0.2	0.011	0.001
30 05 78 0810			.3		27832	6	300.	46.	6.	22.0	8.0	1.5	0.033	0.005
25 07 78 0815			.3		27848	6 8	28.	30.	6.	24.0	6.0	1.5	0.049	0.006
29 08 78 0815			.3		27856	6 8	670.	54.	12.	21.0	8.0	1.2	0.086	0.010
26 09 78 0830			.3		27864	6	100.	2. L	2. L	16.0	8.0	0.6	0.044	0.006
31 10 78 0815			.3		27872	6	210.	8.	20.	6.0	11.0	0.2	0.012	0.006
MAXIMUM							670.	54.	20.	24.0	11.0	1.5	0.086	0.010
AVG OR GEOM MN (*)							86.*	7.* D	5.* D	11.2	7.0	0.6	0.029	0.005
MINIMUM							10.	2.	2.	2.0	2.0	0.2	0.003	0.001
NO OF SAMPLES							9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
31 01 78 0800			.3		0.008	0.190	0.001	0.010	0.019	0.182	0.201	271.0	2.3	
28 02 78 0810			.3		0.020	0.180	0.002	0.063	0.085	0.160	0.245	270.0	4.0	266
28 03 78 0810			.3		0.009	0.200	0.001	0.139	0.149	0.191	0.340	271.0	21.0	
25 04 78 0820			.3		0.004	0.220	0.001	0.005	0.010	0.216	0.226	251.0	3.1	
30 05 78 0810			.3		0.054	0.400	0.003	0.005	0.062	0.346	0.408	285.0	10.0	275
25 07 78 0815			.3		0.078	0.850	0.002	0.008	0.088	0.772	0.860	123.0	3.3	
29 08 78 0815			.3		0.130	1.160	0.021	0.015	0.166	1.030	1.196	139.0	20.0	
26 09 78 0830			.3		0.034	0.810	0.003	0.005L	0.042	0.776	0.818	129.0	9.5	119
31 10 78 0815			.3		0.004	0.310	0.002	0.005L	0.011	0.306	0.317	339.0	1.2	338
MAXIMUM					0.130	1.160	0.021	0.139	0.166	1.030	1.196	339.0	21.0	338
AVG OR GEOM MN (*)					0.038	0.480	0.004	0.028D	0.070	0.442	0.512	230.9	8.3	250
MINIMUM					0.004	0.180	0.001	0.005	0.010	0.160	0.201	123.0	1.2	119
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78 0800			.3		269	414	1.50	3.7
28 02 78 0810			.3			450	1.90	4.3
28 03 78 0810			.3		250	384	0.85	4.3
25 04 78 0820			.3		248	380	1.10	3.6
30 05 78 0810			.3			455	7.80	3.1
25 07 78 0815			.3		120	185	4.40	4.6
29 08 78 0815			.3		119	183	12.50	6.3
26 09 78 0830			.3			185	5.90	5.2
31 10 78 0815			.3			520	1.10	9.2
MAXIMUM					269	520	12.50	9.2
AVG OR GEOM MN (*)					201	351	4.12	4.9
MINIMUM					119	183	0.85	3.1
NO OF SAMPLES					5	9	9	9

B.O.W./ SITE: DEMORESTVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 14
STATION TYPE: RIVER FLOW GAUGE FED 02HE003

STATION ID: 17-0014-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DEMORESTVILLE CREEK

STORET CODE: 02
004
1460

STN NO: 1 LAT: LONG: U T M: 18 0323000.0 4884100.0 4 REGION: 04 MILEAGE: 3.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
31 01 78 1110			.3		27807	6 0	16.70				2.0	9.0	2.2	0.070
28 02 78 1210			.3		27815	0 4	3.10	30.	2.	18.	2.0	3.0	3.0	0.086
28 03 78 1130			.3		27823	6	26.90	60.	2. L	2.	4.0	1.0	1.5	0.051
25 04 78 1130			.3		27831	6	10.70	40.	2. L	4.	7.0	11.0	0.4	0.013
30 05 78 1125			.3		27839	6	2.20	28.	6.	2. L	23.0	8.0	1.8	0.046
25 07 78 1135			.3		27855	6 7 9	0.35	1180.	8.	2. L	24.0	7.0	2.6	0.041
29 08 78 1130			.3		27863	6 7	0.35	9900.	10.	4.	22.0	8.0	1.0	0.028
26 09 78 1115			.3		27871	6 7	0.27	100. L	2. L	2. L	17.0	6.0	0.8	0.042
31 10 78 1110			.3		27879	6	0.59	330.	2. L	8.	6.0	12.0	1.2	0.018
MAXIMUM							26.90	9900.	10.	18.	24.0	12.0	3.0	0.086
AVG OR GEOM MN (*)							6.80	172.* D	3.* D	4.* D	11.9	7.2	1.6	0.044
MINIMUM							0.27	28.	2.	2.	2.0	1.0	0.4	0.013
NO OF SAMPLES							9	8	8	8	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
31 01 78 1110			.3		0.024	0.181	0.840	0.004	0.005	0.190	0.659	0.849	258.0	2.9
28 02 78 1210			.3		0.030	0.290	1.260	0.009	0.026	0.325	0.970	1.295	325.0	3.7
28 03 78 1130			.3		0.005	0.332	0.910	0.036	0.034	0.402	0.578	0.980	212.0	7.0
25 04 78 1130			.3		0.001	0.002	0.320	0.002	0.005	0.009	0.318	0.327	114.0	1.2
30 05 78 1125			.3		0.011	0.022	0.860	0.004	0.005L	0.031	0.838	0.869	179.0	3.2
25 07 78 1135			.3		0.001	0.012	1.370	0.003	0.005L	0.020	1.358	1.378	184.0	7.8
29 08 78 1130			.3		0.007	0.074	1.200	0.003	0.005L	0.082	1.126	1.208	190.0	1.4
26 09 78 1115			.3		0.002	0.042	1.050	0.006	0.015	0.063	1.008	1.071	310.0	3.5
31 10 78 1110			.3		0.002	0.005	0.770	0.002	0.005	0.012	0.765	0.777	276.0	0.2
MAXIMUM					0.030	0.332	1.370	0.036	0.034	0.402	1.358	1.378	325.0	7.8
AVG OR GEOM MN (*)					0.009	0.107	0.953	0.008	0.012D	0.126	0.847	0.973	227.6	3.4
MINIMUM					0.001	0.002	0.320	0.002	0.005	0.009	0.318	0.327	114.0	0.2
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

STATION ID: 17-0014-001-02

B.O.W./ SITE: DEMORESTVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 14
STATION TYPE: RIVER FLOW GAUGE FED 02HE003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DEMORESTVILLE CREEK

STORET CODE: 02
004
1460

STN NO: 1 LAT: LONG: U T M: 18 0323000.0 4884100.0 4 REGION: 04 MILEAGE: 3.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78	1110			.3			255	392	1.90	4.4
28 02 78	1210			.3		321		486	3.10	5.2
28 03 78	1130			.3			205	316	2.20	3.3
25 04 78	1130			.3			113	175	0.50	1.6
30 05 78	1125			.3			176	270	0.90	2.1
25 07 78	1135			.3			176	270	2.70	3.3
29 08 78	1130			.3			189	291	0.60	6.5
26 09 78	1115			.3		306		440	1.00	16.5
31 10 78	1110			.3			276	425	1.10	8.5
MAXIMUM						321	276	486	3.10	16.5
AVG OR GEOM MN (*)						314	199	341	1.56	5.7
MINIMUM						306	113	175	0.50	1.6
NO OF SAMPLES						2	7	9	9	9

STATION ID: 17-0016-001-02

B.O.W./ SITE: SAWGUIN CREEK
SAMPLE POINT: AT COUNTY ROAD 28
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SAWGUIN CREEK

STORET CODE: 02
004
1400

STN NO: 1 LAT: LONG: U T M: 18 0308250.0 4885900.0 4 REGION: 04 MILEAGE: 5.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
31 01 78	1050			.3		27806	4	80.	6.	62.	2.0	3.0	1.2	0.041	0.026
28 02 78	1120			.3		27814	4	10.	4. L	24.	2.0	2.0	6.5	0.190	0.030
28 03 78	1100			.3		27822	6	60.	2.	2.	2.0	3.0	0.6	0.026	0.010
25 04 78	1100			.3		27830	6	212.	2.	2. L	6.0	7.0	0.5	0.027	0.009
30 05 78	1050			.3		27838	6	76.	22.	8.	22.0	4.0	2.2	0.180	0.100
25 07 78	1055			.3		27854	6	180.	18.	2.	23.0	7.0	1.4	0.064	0.024
29 08 78	1100			.3		27862	6	300.	84.	6.	22.0	7.0	0.8	0.052	0.017
26 09 78	1040			.3		27870	6	160.	16.	10. L	16.0	6.0	1.0	0.056	0.016
31 10 78	1045			.3		27878	6	170.	2.	10.	6.0	11.0	1.8	0.059	0.006
MAXIMUM								300.	84.	62.	23.0	11.0	6.5	0.190	0.100
AVG OR GEOM MN (*)								101.*	8.* D	7.* D	11.2	5.6	1.8	0.077	0.026
MINIMUM								10.	2.	2.	2.0	2.0	0.5	0.026	0.006
NO OF SAMPLES								9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
31 01 78	1050			.3		0.136	0.870	0.023	1.000	1.159	0.734	1.893	259.0	2.0	
28 02 78	1120			.3		0.334	1.200	0.041	0.024	0.399	0.866	1.265	348.0	37.0	311
28 03 78	1100			.3		0.121	0.510	0.029	1.720	1.870	0.389	2.259	229.0	3.7	
25 04 78	1100			.3		0.008	0.460	0.008	0.565	0.581	0.452	1.033	196.0	2.6	
30 05 78	1050			.3		0.100	1.220	0.005	0.005L	0.110	1.120	1.230	269.0	15.0	
25 07 78	1055			.3		0.035	1.240	0.003	0.005L	0.043	1.205	1.248	207.0	2.4	
29 08 78	1100			.3		0.092	1.290	0.006	0.005	0.103	1.198	1.301	170.0	1.9	
26 09 78	1040			.3		0.048	1.340	0.003	0.005	0.056	1.292	1.348	238.0	6.8	231
31 10 78	1045			.3		0.126	1.340	0.009	0.025	0.160	1.214	1.374	373.0	4.2	369
MAXIMUM						0.334	1.340	0.041	1.720	1.870	1.292	2.259	373.0	37.0	369
AVG OR GEOM MN (*)						0.111	1.052	0.014	0.373D	0.498	0.941	1.439	254.3	8.4	304
MINIMUM						0.008	0.460	0.003	0.005	0.043	0.389	1.033	170.0	1.9	231
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
31 01 78	1050			.3		257	396	2.10	6.8
28 02 78	1120			.3			479	15.00	10.0
28 03 78	1100			.3		225	346	1.40	5.8
25 04 78	1100			.3		193	295	2.00	4.1
30 05 78	1050			.3		254	390	2.00	5.9
25 07 78	1055			.3		205	315	1.40	4.7
29 08 78	1100			.3		168	258	0.70	8.2
26 09 78	1040			.3			345	1.20	12.5
31 10 78	1045			.3			550	2.30	33.0
MAXIMUM						257	550	15.00	33.0
AVG OR GEOM MN (*)						217	375	3.12	10.1
MINIMUM						168	258	0.70	4.1
NO OF SAMPLES						6	9	9	9

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DAM, TOWN OF CAMPBELLFORD
STATION TYPE: RIVER   FLOW GAUGE FED 02HK002

STATION ID: 17-0021-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 2   LAT: LONG: U T M: 18 0276550.0 4909075.0 4   REGION: 03   MILEAGE: 31.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 01 78	0940			.3		36023	4	5170.00	128.	32.	12.	0.0	12.2	0.8	0.008
21 02 78	1050			.3		36109	6	3080.00	24.	4.	2. L	0.5	14.0	0.2	0.014
19 04 78	0850			.3		36225	6	10100.00	36.	4.	2.	1.0	11.2	0.4	0.024
17 05 78	0930			.3		36292	6	10700.00	124.	30.	22.	10.8	11.1	1.2	0.032
27 06 78	0845			.3		36354	6	763.00	220.	2. L	4.	14.5	7.6	0.4	0.028
20 07 78	0830			.3		36427	6	448.00	12.	2. L	2.	23.8	7.0	1.2	0.034
31 08 78	1100			.3		36488		1530.00	548.	2.	4.			0.2	0.040
26 09 78	1315			.3		36550	6	2280.00	50.	10. L	10. L	15.0	8.8	1.2	0.042
26 10 78	1240			.3		36614	6	2280.00	10. L	2. L	4. L	7.8	10.4	1.0	0.028
15 11 78	0908			.3		36652	6	2600.00	8.	4. L	4.	6.9	10.9	0.8	0.020
13 12 78	1400			.3		36744	6	2970.00	4. L	2. L	2. L	0.0	9.8	0.4	0.014
MAXIMUM								10700.00	548.	32.	22.	23.8	14.0	1.2	0.042
AVG OR GEOM MN (*)								3811.00	39.* D	5.* D	4.* D	8.0	10.3	0.7	0.026
MINIMUM								448.00	4.	2.	2.	0.0	7.0	0.2	0.008
NO OF SAMPLES								11	11	11	11	10	10	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78	0940			.3		0.003	0.056	0.450	0.003	0.157	0.216	0.394	0.610	171.0	2.8
21 02 78	1050			.3		0.006	0.086	0.510	0.005	0.175	0.266	0.424	0.690	170.0	4.7
19 04 78	0850			.3		0.002	0.034	0.420	0.006	0.410	0.450	0.386	0.836	168.0	7.3
17 05 78	0930			.3		0.001	0.008	0.550	0.005	0.130	0.143	0.542	0.685	164.0	11.0
27 06 78	0845			.3		0.002	0.037	0.480	0.003	0.020	0.060	0.443	0.503	147.0	4.1
20 07 78	0830			.3		0.003	0.026	0.540	0.002	0.008	0.036	0.514	0.550	157.0	11.0
31 08 78	1100			.3		0.001	0.144	0.970	0.003	0.020	0.167	0.826	0.993	158.0	6.0
26 09 78	1315			.3		0.002	0.088	0.890	0.004	0.045	0.137	0.802	0.939	136.0	6.5
26 10 78	1240			.3		0.005	0.020	0.540	0.003	0.025	0.048	0.520	0.568	145.0	4.6
15 11 78	0908			.3		0.001	0.021	0.480	0.002	0.043	0.066	0.459	0.525	166.0	3.0
13 12 78	1400			.3		0.001	0.022	0.390	0.003	0.072	0.097	0.368	0.465	148.0	2.0
MAXIMUM						0.006	0.144	0.970	0.006	0.410	0.450	0.826	0.993	171.0	11.0
AVG OR GEOM MN (*)						0.002	0.049	0.565	0.004	0.100	0.153	0.516	0.669	157.3	5.7
MINIMUM						0.001	0.008	0.390	0.002	0.008	0.036	0.368	0.465	136.0	2.0
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

(CONTD)

```
 B.O.W./ SITE: TRENT RIVER                                                                     STATION ID:  17-0021-002-02
SAMPLE POINT: AT DAM, TOWN OF CAMPBELLFORD
STATION TYPE: RIVER   FLOW GAUGE FED 02HK002               MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                       004
                                                           TERM STREAM: TRENT RIVER                                        1220

STN NO:      2     LAT:                LONG:                 U T M: 18 0276550.0 4909075.0 4    REGION: 03          MILEAGE:   31.60

                                          107       14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ        CALCUL    COND.     TURB.     CHLORIDE
DY MO YR LMT   DIST BRG DEPTH           D-SOLIDS    25C   FORMAZIN      MG/L
               FEET     MTRS            MG/L      UMHOS    UNITS

12 01 78 0940             .3              168      258      1.60        7.1
21 02 78 1050             .3              165      254      1.30        6.5
19 04 78 0850             .3              161      250      2.50        5.9
17 05 78 0930             .3              153      235      3.00        5.7
27 06 78 0845             .3              143      220      1.70        5.1
20 07 78 0830             .3              146      225      1.60        5.7
31 08 78 1100             .3              152      230      2.20        6.8
26 09 78 1315             .3              130      200      3.90        6.1
26 10 78 1240             .3              140      215      3.20        6.1
15 11 78 0908             .3              163      250      1.90        5.8
13 12 78 1400             .3              146      225      1.50        5.4

                     MAXIMUM              168      258      3.90        7.1
         AVG OR GEOM MN (*)               152      233      2.22        6.0
                     MINIMUM              130      200      1.30        5.1

              NO OF SAMPLES                11       11        11         11
```

```
 B.O.W./ SITE: CROWE RIVER                                                                     STATION ID:  17-0021-003-02
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER   FLOW GAUGE FED 02HK003               MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                       004
                                                           TERM STREAM: TRENT RIVER                                        1220

STN NO:      3     LAT:                LONG:                 U T M: 18 0286450.0 4928650.0 4    REGION: 04          MILEAGE:   47.10

                                     934       901      444        80         81         84        805        3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS    TOTAL      FECAL      M.F.      WATER      DISS.      5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH         NO                        COLIFORM   COLIFORM    ENTER.     TEMP.       O2        BOD          P
               FEET     MTRS                                    MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L      MG/L       MG/L

27 06 78 0915             .3         29008     6      273.00    60.         4.  L      4.  L     22.2       10.0       0.5L     0.024
18 07 78 1135             .3         29029             56.60    20.         4.  L      4.  L     25.0       11.0       0.5L     0.014
20 08 78 1050             .3         29297     6       48.20                                                            1.0      0.016
20 09 78 1115             .3         29066     6      366.00                                     19.0       13.0       0.2L     0.012
21 11 78 1115             .3         29106     6      982.00                                      0.5       15.0       0.6      0.014

                     MAXIMUM                          982.00    60.         4.         4.        25.0       15.0       1.0      0.024
         AVG OR GEOM MN (*)                           345.16    35.*        4.* D      4.* D     16.7       12.3       0.6D     0.016
                     MINIMUM                           48.20    20.         4.         4.         0.5       10.0       0.2      0.012

              NO OF SAMPLES                                5        2          2          2          4          4          5          5
```

```
                                     34        19         20        21        22         17        18        23         6        107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N      SUSP.   CALCUL
DY MO YR LMT   DIST BRG DEPTH     REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N           N   ORGNC  N              SOLIDS   D-SOLIDS
               FEET     MTRS       P MG/L      MG/L      MG/L   MG/L      MG/L         MG/L      MG/L      MG/L       MG/L   MG/L

27 06 78 0915             .3        0.006     0.040     0.540    0.004     0.020L     0.064     0.500     0.564      5.0L       107
18 07 78 1135             .3        0.002     0.040     0.400    0.002     0.020L     0.062     0.360     0.422      1.0        104
20 08 78 1050             .3        0.002     0.020     0.320                                   0.300     0.02 L     5.0L       107
20 09 78 1115             .3        0.002     0.030     0.250    0.002     0.020L     0.052     0.220     0.272      5.0L       104
21 11 78 1115             .3        0.002     0.040     0.330    0.006     0.020L     0.066     0.290     0.356      5.0L       114

                     MAXIMUM        0.006     0.040     0.540    0.006     0.020      0.066     0.500     0.564      5.0        114
         AVG OR GEOM MN (*)         0.003     0.034     0.368    0.004     0.020D     0.061     0.334     0.327D     4.2D       107
                     MINIMUM        0.002     0.020     0.250    0.002     0.020      0.052     0.220     0.02       1.0        104

              NO OF SAMPLES             5         5         5        4         4          4         5         5          5          5

                                     14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ    COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH         25C  FORMAZIN      MG/L
               FEET     MTRS        UMHOS     UNITS

27 06 78 0915             .3          165      1.30       6.5
18 07 78 1135             .3          160      0.85       3.0
20 08 78 1050             .3          165      1.80       3.0
20 09 78 1115             .3          160      1.10       3.3
21 11 78 1115             .3          175      1.00       3.3

                     MAXIMUM          175      1.80       6.5
         AVG OR GEOM MN (*)           165      1.21       3.8
                     MINIMUM          160      0.85       3.0

              NO OF SAMPLES             5         5         5
```

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT HIGH-LO COTTAGES DOCK
STATION TYPE: RIVER

STATION ID: 17-0021-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 4   LAT: LONG: U T M: 18 0264400.0 4910450.0 4   REGION: 03   MILEAGE: 50.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 04 78 1118			.3		36232	6	20.	4.	2. L	0.0	9.2	0.5	0.023	0.003
17 05 78 1145			.3		36299	6	220.	4.	4. L	10.5	11.3	3.5	0.032	0.001
27 06 78 1110			.3		36361	6 9	160.	4.	16.	15.2	8.1	0.4	0.027	0.001L
20 07 78 1130			.3		36434	6 9	1000.	8.	20.	24.5	7.3	1.8	0.074	0.001
30 08 78 1145			.3		36477	6	20.	4.	8.	22.8	11.4	5.0	0.051	0.001
27 09 78 1155			.3		36557	6 0	50.	4.	4.	15.8	10.6	1.0	0.043	0.001
26 10 78 0950			.3		36607	6	220.	4.	18.	7.5	11.3	1.6	0.031	
15 11 78 1200			.3		36659	6	4.	2. L	6.	5.9	12.6	1.0	0.030	0.001L
13 12 78 1210			.3		36737	6				1.1	10.6	0.6	0.015	0.001
MAXIMUM							1000.	8.	20.	24.5	12.6	5.0	0.074	0.003
AVG OR GEOM MN (*)							71.*	4.* D	7.* D	11.5	10.3	1.7	0.036	0.001D
MINIMUM							4.	2.	2.	0.0	7.3	0.4	0.015	0.001
NO OF SAMPLES							8	8	8	9	9	9	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
19 04 78 1118			.3		0.046	0.440	0.007	0.450	0.503	0.394	0.897	176.0	3.2	
17 05 78 1145			.3		0.016	0.780	0.005	0.120	0.141	0.764	0.905	171.0	12.0	
27 06 78 1110			.3		0.021	0.480	0.002	0.005L	0.028	0.459	0.487	161.0	5.5	
20 07 78 1130			.3		0.012	0.730	0.002	0.005L	0.019	0.718	0.737	188.0	32.0	
30 08 78 1145			.3		0.106	1.030	0.002	0.005L	0.113	0.924	1.037	159.0	13.0	
27 09 78 1155			.3		0.046	1.020	0.002	0.010	0.058	0.974	1.032	143.0	10.0	
26 10 78 0950			.3		0.013	0.560	0.001	0.010	0.024	0.567	0.591	160.0	6.7	153
15 11 78 1200			.3		0.006	0.560	0.001	0.004	0.011	0.554	0.565	158.0	5.0	
13 12 78 1210			.3		0.032	0.470	0.003	0.077	0.112	0.438	0.550	151.0	1.0	
MAXIMUM					0.106	1.030	0.007	0.450	0.503	0.974	1.037	188.0	32.0	153
AVG OR GEOM MN (*)					0.033	0.677	0.003	0.076D	0.112	0.644	0.756	163.0	9.8	153
MINIMUM					0.006	0.440	0.001	0.004	0.011	0.394	0.487	143.0	1.0	153
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 04 78 1118			.3		173	365	3.00	6.8
17 05 78 1145			.3		159	245	2.60	6.5
27 06 78 1110			.3		156	240	2.20	5.7
20 07 78 1130			.3		156	240	11.00	6.2
30 08 78 1145			.3		146	225	5.60	6.9
27 09 78 1155			.3		133	205	5.60	6.9
26 10 78 0950			.3			235	3.00	6.7
15 11 78 1200			.3		153	235	2.60	6.0
13 12 78 1210			.3		150	230	1.30	6.2
MAXIMUM					173	365	11.00	6.9
AVG OR GEOM MN (*)					153	247	4.10	6.4
MINIMUM					133	205	1.30	5.7
NO OF SAMPLES					8	9	9	9

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DENTS COTTAGES DOCK
STATION TYPE: RIVER

STATION ID: 17-0021-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 5   LAT: LONG: U T M: 18 0264350.0 4910200.0 4   REGION: 03   MILEAGE: 50.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
19 04 78 1100			.3		36230	6	52.	4.	2. L	0.0	11.7	0.4	0.020	0.001
17 05 78 1120			.3		36297	6	40.	2.	2. L	11.5	11.0	1.5	0.034	0.001
27 06 78 1040			.3		36359	6	64.	2. L	6.	15.0	8.1	3.0	0.028	0.001L
20 07 78 1100			.3		36432	6	116.	2. L	24.	24.4	7.2	1.4	0.030	0.001
30 08 78 1120			.3		36475	6	20.	2. L	2. L	23.2	9.9	4.0	0.081	0.001
27 09 78 1130			.3		36555	6	40.	2. L	2. L	16.0	9.9	3.0	0.063	0.001
26 10 78 1040			.3		36609	6	32.	2.	38.	7.2	11.9	1.8	0.035	
15 11 78 1130			.3		36657	6	40.	2. L	6.	6.0	12.0	1.2	0.018	0.001
13 12 78 1230			.3		36739	6	4.	6.	2.	1.0	9.8	0.6	0.012	0.001L
MAXIMUM							116.	6.	38.	24.4	12.0	4.0	0.081	0.001
AVG OR GEOM MN (*)							34.*	2.* D	5.* D	11.6	10.2	1.9	0.036	0.001D
MINIMUM							4.	2.	2.	0.0	7.2	0.4	0.012	0.001
NO OF SAMPLES							9	9	9	9	9	9	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
19 04 78 1100			.3		0.050	0.420	0.007	0.440	0.497	0.370 -	0.867	168.0	2.3	166
17 05 78 1120			.3		0.010	0.610	0.005	0.100	0.115	0.600	0.715	162.0	9.4	153
27 06 78 1040			.3		0.070	1.020	0.002	0.020	0.092	0.950	1.042	164.0	5.1	159
20 07 78 1100			.3		0.010	0.590	0.003	0.005L	0.018	0.580	0.598	161.0	5.4	156
30 08 78 1120			.3		0.090	1.380	0.003	0.005L	0.098	1.290	1.388	158.0	12.0	146
27 09 78 1130			.3		0.040	1.130	0.002	0.015	0.057	1.090	1.147	144.0	11.0	133
26 10 78 1040			.3		0.015	0.610	0.001	0.010	0.026	0.595	0.621	158.0	6.1	152
15 11 78 1130			.3		0.016	0.460	0.002	0.013	0.031	0.444	0.475	160.0	7.0	153
13 12 78 1230			.3		0.028	0.440	0.003	0.072	0.103	0.412	0.515	151.0	1.0	150
MAXIMUM					0.090	1.380	0.007	0.440	0.497	1.290	1.388	168.0	12.0	166
AVG OR GEOM MN (*)					0.037	0.740	0.003	0.076D	0.115	0.703	0.819	158.4	6.6	152
MINIMUM					0.010	0.420	0.001	0.005	0.018	0.370	0.475	144.0	1.0	133
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DENTS COTTAGES DOCK
STATION TYPE: RIVER

STATION ID: 17-0021-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 5 LAT: LONG: U T M: 18 0264350.0 4910200.0 4 REGION: 03 MILEAGE: 50.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
19 04 78 1100			.3		255	1.50	6.8
17 05 78 1120			.3		235	2.10	6.2
27 06 78 1040			.3		245	2.30	6.3
20 07 78 1100			.3		240	2.50	6.2
30 08 78 1120			.3		225	4.90	6.8
27 09 78 1130			.3		205	5.50	6.7
26 10 78 1040			.3		235	3.30	6.7
15 11 78 1130			.3		235	2.50	6.0
13 12 78 1230			.3		230	1.50	6.3
MAXIMUM					255	5.50	6.8
AVG OR GEOM MN (*)					234	2.90	6.4
MINIMUM					205	1.50	6.0
NO OF SAMPLES					9	9	9

B.O.W./ SITE: INDIAN RIVER
SAMPLE POINT: FIRST ROAD SOUTH OF KEENE
STATION TYPE: RIVER

STATION ID: 17-0021-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 6 LAT: LONG: U T M: 17 0726850.0 4902425.0 4 REGION: 03 MILEAGE: 63.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78 1200			.3		36029	4	524.	44.	38.	0.0	12.0	0.2	0.012	0.006
21 02 78 1330			.3		36117	4	144.	10.	2. L	0.0	9.2	0.2	0.022	0.013
19 04 78 1225			.3		36235	6	136.	6.	2.	4.0	8.0	0.4	0.012	0.001
17 05 78 1300			.3		36302	6 8 9	440.	74.	28.	13.0	9.2	0.8	0.021	0.002
27 06 78 1240			.3		36364	5 8 9	220.	2.	42.	15.8	6.5	0.4	0.032	0.005
20 07 78 1240			.3		36437	5 8 9	110.	20.	12.	25.0	4.9	1.0	0.037	0.004
30 08 78 1210			.3		36480	5 8 9	140.	8.	86.	21.5	7.4	0.4	0.022	0.004
27 09 78 1300			.3		36560	5 8 9	210.	24.	22.	15.8	9.2	0.4	0.015	0.002
25 10 78 1130			.3		36597	6 8	180.	2.	12.	5.8	11.2	0.4	0.015	0.002
15 11 78 1320			.3		36662	6 8	320.	72.	102.	6.5	12.1	0.6	0.014	0.001
13 12 78 1120			.3		36734	4	120.	4.	4.	0.0	9.4	0.8	0.023	0.009
MAXIMUM							524.	74.	102.	25.0	12.1	1.0	0.037	0.013
AVG OR GEOM MN (*)							201.*	12.*	16.* D	9.8	9.0	0.5	0.020	0.004
MINIMUM							110.	2.	2.	0.0	4.9	0.2	0.012	0.001
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78 1200			.3		0.044	0.460	0.004	0.316	0.364	0.416	0.780	275.0	2.3	273
21 02 78 1330			.3		0.086	0.830	0.005	0.320	0.411	0.744	1.155	275.0	1.8	273
19 04 78 1225			.3		0.006	0.380	0.003	0.235	0.244	0.374	0.618	232.0	2.0	
17 05 78 1300			.3		0.006	0.590	0.003	0.015	0.024	0.584	0.608	245.0	7.6	
27 06 78 1240			.3		0.037	0.510	0.003	0.015	0.055	0.473	0.528	195.0	3.5	
20 07 78 1240			.3		0.008	0.500	0.003	0.012	0.023	0.492	0.515	164.0	5.0	
30 08 78 1210			.3		0.026	0.440	0.003	0.055	0.084	0.414	0.498	148.0	1.4	
27 09 78 1300			.3		0.002	0.370	0.002	0.015	0.019	0.368	0.387	155.0	1.6	
25 10 78 1130			.3		0.006	0.400	0.002	0.010	0.018	0.394	0.412	170.0	1.0	
15 11 78 1320			.3		0.006	0.450	0.002	0.058	0.066	0.444	0.510	185.0	9.0	
13 12 78 1120			.3		0.018	0.410	0.002	0.133	0.153	0.392	0.545	207.0	9.0	
MAXIMUM					0.086	0.830	0.005	0.320	0.411	0.744	1.155	275.0	9.0	273
AVG OR GEOM MN (*)					0.022	0.485	0.003	0.108	0.133	0.463	0.596	204.6	4.0	273
MINIMUM					0.002	0.370	0.002	0.010	0.018	0.368	0.387	148.0	1.0	273
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1200			.3			446	1.70	10.0
21 02 78 1330			.3			437	1.30	9.8
19 04 78 1225			.3		230	355	1.10	6.1
17 05 78 1300			.3		237	365	1.60	6.1
27 06 78 1240			.3		192	295	2.20	5.7
20 07 78 1240			.3		159	245	3.00	5.2
30 08 78 1210			.3		147	230	1.20	4.8
27 09 78 1300			.3		153	235	1.60	5.1
25 10 78 1130			.3		169	260	1.30	5.5
15 11 78 1320			.3		176	270	1.70	5.7
13 12 78 1120			.3		198	305	2.20	7.4
MAXIMUM					237	446	3.00	10.0
AVG OR GEOM MN (*)					185	313	1.72	6.5
MINIMUM					147	230	1.10	4.8
NO OF SAMPLES					9	11	11	11

B.O.W./ SITE: OUSE RIVER
SAMPLE POINT: AT HIGHWAY 45
STATION TYPE: RIVER

STATION ID: 17-0021-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 7 LAT: LONG: U T M: 18 0262750.0 4918250.0 4 REGION: 03 MILEAGE: 64.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78	1115			.3		36027	6	20.	2. L	26.	1.0	13.2	1.0	0.003	0.003
21 02 78	1245			.3		36115	6	24.	2. L	2.	1.0	13.2	0.4	0.014	0.010
19 04 78	1140			.3		36233	6	68.	2. L	18.	1.0	11.1	0.4	0.013	0.003
17 05 78	1200			.3		36300	6 8	204.	18.	24.	11.0	10.4	0.5	0.010	0.001
27 06 78	1145			.3		36362	5 9 8	200.	2. L	56.	14.0	8.0	0.4	0.020	0.001L
20 07 78	1200			.3		36435	8 9 5				23.0	6.1	1.0	0.022	0.006
30 08 78	0910			.3		36478	7	55.			16.4	7.8	0.2	0.025	0.004
27 09 78	1220			.3		36558	6 8	880.	40.	70.	15.2	8.8	0.6	0.052	0.005
26 10 78	0920			.3		36606	6 9	28000.	50.	180.	7.5	10.4	2.0	0.380	0.021
15 11 78	1230			.3		36660	6	160.	8.	100.	5.5	11.9	0.6	0.014	0.001
13 12 78	1155			.3		36736	6	70.	40.	24.	1.1	9.6	0.4	0.009	0.004
MAXIMUM								28000.	50.	180.	23.0	13.2	2.0	0.380	0.021
AVG OR GEOM MN (*)								170.*	8.* D	32.*	8.8	10.0	0.7	0.051	0.005D
MINIMUM								20.	2.	2.	1.0	6.1	0.2	0.003	0.001
NO OF SAMPLES								10	9	9	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78	1115			.3		0.024	0.330	0.003	0.247	0.274	0.306	0.580	271.0	1.3	
21 02 78	1245			.3		0.020	0.280	0.003	0.240	0.263	0.260	0.523	271.0	2.9	268
19 04 78	1140			.3		0.010	0.310	0.003	0.165	0.178	0.300	0.478	199.0	2.4	
17 05 78	1200			.3		0.004	0.390	0.003	0.075	0.082	0.386	0.468	225.0	3.9	
27 06 78	1145			.3		0.029	0.420	0.004	0.175	0.208	0.391	0.599	247.0	3.2	
20 07 78	1200			.3		0.058	0.470	0.008	0.357	0.423	0.412	0.835	252.0	2.0	
30 08 78	0910			.3		0.042	0.460	0.005	0.290	0.337	0.418	0.755	236.0	3.7	
27 09 78	1220			.3		0.030	0.500	0.005	0.310	0.345	0.470	0.815	272.0	18.0	
26 10 78	0920			.3		0.002	1.260	0.007	0.160	0.169	1.258	1.427	498.0	232.0	
15 11 78	1230			.3		0.006	0.320	0.003	0.252	0.261	0.314	0.575	280.0	7.0	
13 12 78	1155			.3		0.030	0.340	0.003	0.282	0.315	0.310	0.625	310.0	1.0	309
MAXIMUM						0.058	1.260	0.008	0.357	0.423	1.258	1.427	498.0	232.0	309
AVG OR GEOM MN (*)						0.023	0.462	0.004	0.232	0.260	0.439	0.698	278.3	25.2	289
MINIMUM						0.002	0.280	0.003	0.075	0.082	0.260	0.468	199.0	1.0	268
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78	1115			.3		270	416	1.30	7.1
21 02 78	1245			.3			434	1.60	6.5
19 04 78	1140			.3		197	305	0.85	3.5
17 05 78	1200			.3		221	340	1.00	4.4
27 06 78	1145			.3		244	375	1.60	8.0
20 07 78	1200			.3		250	385	1.40	12.5
30 08 78	0910			.3		232	360	1.80	14.0
27 09 78	1220			.3		254	390	9.70	14.5
26 10 78	0920			.3		266	410	9.50	12.5
15 11 78	1230			.3		273	420	3.00	11.5
13 12 78	1155			.3			485	1.80	25.0
MAXIMUM						273	485	9.70	25.0
AVG OR GEOM MN (*)						245	393	3.05	10.9
MINIMUM						197	305	0.85	3.5
NO OF SAMPLES						9	11	11	11

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: BENSFORTH BRIDGE 8 MILES SOUTH OF PETERBOROUGH
STATION TYPE: RIVER

STATION ID: 17-0021-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 8 LAT: LONG: U T M: 17 0717425.0 4898200.0 4 REGION: 03 MILEAGE: 77.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78	1220			.3		36030	4				0.0	13.6	0.2	0.019	0.003
	1345			.3		36030	4	3400.	188.	260.	0.0	13.6			
19 04 78	1240			.3		36236	6	260.	4.	12.	1.5	11.0	0.2	0.020	0.001
17 05 78	1325			.3		36303	6	480.	34.	12.	10.5	10.6	0.6	0.016	0.002
27 06 78	1300			.3		36365	6	30.	2. L	2.	15.1	7.5	0.4	0.038	0.006
20 07 78	1300			.3		36438	6	30.	2. L	2. L	24.0	7.7	1.4	0.050	0.008
30 08 78	1230			.3		36481	6	540.	10.	4.	22.8	8.2	1.0	0.030	0.010
27 09 78	1320			.3		36561	6	30.	6.	2. L	16.5	9.7	0.5	0.027	0.006
25 10 78	1102			.3		36596	6	92.	4.	6.	8.2	10.9	0.2	0.026	0.004
15 11 78	1345			.3		36663	6	3020.	390.	260.	6.0	10.4	0.6	0.019	0.003
13 12 78	1100			.3		36733	4	1400.	360.	170.	0.5	9.7	0.6	0.017	0.005
MAXIMUM								3400.	390.	260.	24.0	13.6	1.4	0.050	0.010
AVG OR GEOM MN (*)								274.*	18.* D	14.* D	9.6	10.3	0.6	0.026	0.005
MINIMUM								30.	2.	2.	0.0	7.5	0.2	0.016	0.001
NO OF SAMPLES								10	10	10	11	11	10	10	10

(CONTD)

STATION ID: 17-0021-008-02

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: BENSFORTH BRIDGE 8 MILES SOUTH OF PETERBOROUGH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 8 LAT: LONG: U T M: 17 0717425.0 4898200.0 4 REGION: 03 MILEAGE: 77.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS. MG/L
12 01 78 1220			.3		0.072	0.450	0.003	0.132	0.207	0.378	0.585	156.0	3.0	153
19 04 78 1240			.3		0.074	0.460	0.005	0.300	0.379	0.386	0.765	157.0	3.6	153
17 05 78 1325			.3		0.014	0.410	0.005	0.200	0.219	0.396	0.615	151.0	8.5	143
27 06 78 1300			.3		0.105	0.540	0.011	0.125	0.241	0.435	0.676	155.0	2.4	153
20 07 78 1300			.3		0.040	0.510	0.010	0.145	0.195	0.470	0.665	155.0	4.6	150
30 08 78 1230			.3		0.102	0.440	0.006	0.075	0.183	0.338	0.521	147.0	7.7	139
27 09 78 1320			.3		0.076	0.510	0.004	0.045	0.125	0.434	0.559	149.0	2.7	146
25 10 78 1102			.3		0.070	0.500	0.005	0.065	0.140	0.430	0.570	142.0	1.9	140
15 11 78 1345			.3		0.072	0.530	0.005	0.085	0.162	0.458	0.620	146.0	3.0	143
13 12 78 1100			.3		0.076	0.480	0.005	0.100	0.181	0.404	0.585	140.0	0.4	140
MAXIMUM					0.105	0.540	0.011	0.300	0.379	0.470	0.765	157.0	8.5	153
AVG OR GEOM MN (*)					0.070	0.483	0.006	0.127	0.203	0.413	0.616	149.8	3.8	146
MINIMUM					0.014	0.410	0.003	0.045	0.125	0.338	0.521	140.0	0.4	139
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1220			.3		236	2.00	7.0
19 04 78 1240			.3		235	1.80	6.1
17 05 78 1325			.3		220	1.90	5.6
27 06 78 1300			.3		235	1.50	7.2
20 07 78 1300			.3		230	1.70	7.2
30 08 78 1230			.3		215	2.80	6.1
27 09 78 1320			.3		225	2.00	5.8
25 10 78 1102			.3		215	1.40	5.9
15 11 78 1345			.3		220	2.50	5.8
13 12 78 1100			.3		215	1.20	6.6
MAXIMUM					236	2.80	7.2
AVG OR GEOM MN (*)					225	1.88	6.3
MINIMUM					215	1.20	5.6
NO OF SAMPLES					10	10	10

STATION ID: 17-0021-011-83

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: HIGHWAY 7 PETERBOROUGH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 11 LAT: LONG: U T M: 17 0714775.0 4907350.0 4 REGION: 03 MILEAGE: 88.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78 1245			.3		36031	6	770.	84.	24.	0.0	13.4	0.2	0.015	0.002
21 02 78 1245			.3		36120	6	1050.	248.	98.	0.0	13.4	0.2	0.031	0.003
19 04 78 1310			.3		36237	6	1010.	96.	64.	0.8	11.7	0.2	0.145	0.003
17 05 78 1445			.3		36304	6 3	580.	124.	36.	11.0	10.4	0.8	0.025	0.002
27 06 78 1400			.3		36366	6				15.5	8.0	0.4	0.021	0.001L
20 07 78 1545			.3		36441	6	70.	4. L	8.	26.2	7.2	2.4	0.033	0.001
30 08 78 1430			.3		36484	5 8	240.	12.	2.	23.0	10.3	1.0	0.022	0.001
27 09 78 1520			.3		36564	5 8	220.	10.	4.	16.5	9.9	1.4	0.057	0.001
25 10 78 0845			.3		36593	6	210.	2. L	2.	6.5	11.8	0.2	0.026	0.008
15 11 78 1610			.3		36666	6	740.	52.	56.	6.0	12.1	0.2	0.010	0.001
13 12 78 0945			.3		36730	6	1500.	140.	142.	0.2	10.7	0.4	0.017	0.005
MAXIMUM							1500.	248.	142.	26.2	13.4	2.4	0.145	0.008
AVG OR GEOM MN (*)							458.*	33.* D	19.*	9.6	10.8	0.7	0.037	0.003D
MINIMUM							70.	2.	2.	0.0	7.2	0.2	0.010	0.001
NO OF SAMPLES							10	10	10	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
12 01 78 1245			.3		0.048	0.410	0.002	0.103	0.153	0.362	0.515	148.0	2.5	145
21 02 78 1245			.3		0.030	0.410	0.004	0.635	0.669	0.380	1.049	155.0	1.5	153
19 04 78 1310			.3		0.100	0.940	0.005	0.305	0.410	0.840	1.250	213.0	58.0	155
17 05 78 1445			.3		0.020	0.470	0.005	0.205	0.230	0.450	0.680	143.0	7.4	136
27 06 78 1400			.3		0.017	0.430	0.003	0.020	0.040	0.413	0.453	143.0	2.9	140
20 07 78 1545			.3		0.180	0.960	0.008	0.052	0.240	0.780	1.020	146.0	3.3	143
30 08 78 1430			.3		0.036	0.480	0.004	0.005	0.045	0.444	0.489	138.0	5.4	133
27 09 78 1520			.3		0.120	0.780	0.006	0.055	0.181	0.660	0.841	171.0	28.0	143
25 10 78 0845			.3		0.120	0.530	0.004	0.040	0.164	0.410	0.574	138.0	1.8	136
15 11 78 1610			.3		0.023	1.140	0.003	0.042	0.068	1.117	1.185	136.0	3.0	133
13 12 78 0945			.3		0.090	0.510	0.007	0.088	0.185	0.420	0.605	134.0	0.5	133
MAXIMUM					0.180	1.140	0.008	0.635	0.669	1.117	1.250	213.0	58.0	155
AVG OR GEOM MN (*)					0.071	0.642	0.005	0.141	0.217	0.571	0.787	151.4	10.4	141
MINIMUM					0.017	0.410	0.002	0.005	0.040	0.362	0.453	134.0	0.5	133
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1245			.3		224	1.50	6.4
21 02 78 1245			.3		235	1.30	5.9
19 04 78 1310			.3		240	1.20	7.6
17 05 78 1445			.3		210	1.60	5.4
27 06 78 1400			.3		215	1.60	5.3
20 07 78 1545			.3		220	1.80	6.8
30 08 78 1430			.3		205	2.70	5.1
27 09 78 1520			.3		220	4.00	6.0
25 10 78 0845			.3		210	1.30	5.9
15 11 78 1610			.3		205	2.00	5.8
13 12 78 0945			.3		205	1.40	6.0
MAXIMUM					240	4.00	7.6
AVG OR GEOM MN (*)					217	1.86	6.0
MINIMUM					205	1.20	5.1
NO OF SAMPLES					11	11	11

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: ROAD TO NASSAU MILLS
STATION TYPE: RIVER

STATION ID: 17-0021-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 13 LAT: LONG: U T M: 17 0715650.0 4914400.0 4 REGION: 03 MILEAGE: 93.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78 0945			.3		36123	6	72.	4.	2.	0.0	3.6	0.2	0.009	0.006
19 04 78 1515			.3		36240	6	476.	4.	2. L	0.0	12.2	0.2	0.015	0.001
18 05 78 0900			.3		36307	6	80.	4.	2. L	10.0	11.2			
27 06 78 1600			.3		36369	6	80.	2. L	6.	15.5	9.6	0.4	0.024	0.001
20 07 78 1640			.3		36444	6	64.	2.	30.	24.0	7.8	0.6	0.025	0.001
29 08 78 1600			.3		36470	6	100.	10.	16.	19.5	9.8	1.8	0.034	0.002
28 09 78 0900			.3		36567	6	20.	4. L	12.	14.0	11.0	1.0	0.018	0.005
25 10 78 1200			.3		36598	6	4. L	2. L	2.	8.0	11.5	0.2	0.016	0.002
16 11 78 0940			.3		36670	6				7.8	12.3	0.2	0.036	0.009
12 12 78 1535			.3		36726	6	4. L	2. L	2. L	0.4	11.8		0.010	0.001
MAXIMUM							476.	10.	30.	24.0	12.3	1.8	0.036	0.009
AVG OR GEOM MN (*)							42.* D	3.* D	5.* D	9.9	10.1	0.6	0.021	0.003
MINIMUM							4.	2.	2.	0.0	3.6	0.2	0.009	0.001
NO OF SAMPLES							9	9	9	10	10	8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78 0945			.3		0.096	0.430	0.005	0.165	0.266	0.334	0.600	149.0	0.9	148
19 04 78 1515			.3		0.076	0.440	0.004	0.295	0.375	0.364	0.739	149.0	2.6	146
27 06 78 1600			.3		0.015	0.430	0.003	0.020	0.038	0.415	0.453	139.0	3.5	136
20 07 78 1640			.3		0.006	0.410	0.002	0.008	0.016	0.404	0.420	137.0	3.8	133
29 08 78 1600			.3		0.090	0.620	0.001	0.010	0.101	0.530	0.631			
28 09 78 0900			.3		0.004	0.450	0.001	0.010	0.015	0.446	0.461	139.0	2.6	136
25 10 78 1200			.3		0.017	0.410	0.002	0.025	0.044	0.393	0.437	131.0	1.3	130
16 11 78 0940			.3		0.024	0.370	0.010	0.450	0.484	0.346	0.830	281.0	8.0	273
12 12 78 1535			.3		0.026	0.410	0.002	0.068	0.096	0.384	0.480	130.0	0.5	129
MAXIMUM					0.096	0.620	0.010	0.450	0.484	0.530	0.830	281.0	8.0	273
AVG OR GEOM MN (*)					0.039	0.441	0.003	0.117	0.159	0.402	0.561	156.9	2.9	154
MINIMUM					0.004	0.370	0.001	0.008	0.015	0.334	0.420	130.0	0.5	129
NO OF SAMPLES					9	9	9	9	9	9	9	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78 0945			.3		227	1.30	5.8
19 04 78 1515			.3		225	0.95	5.6
27 06 78 1600			.3		210	1.70	4.8
20 07 78 1640			.3		205	1.50	5.1
29 08 78 1600			.3		204	1.00	4.8
28 09 78 0900			.3		210	2.70	5.3
25 10 78 1200			.3		200	1.40	4.9
16 11 78 0940			.3		420	4.10	5.1
12 12 78 1535			.3		200	1.00	4.8
MAXIMUM					420	4.10	5.8
AVG OR GEOM MN (*)					233	1.74	5.1
MINIMUM					200	0.95	4.8
NO OF SAMPLES					9	9	9

STATION ID: 17-0021-016-02

B.O.W./ SITE: CLEAR LAKE OUTLET
SAMPLE POINT: HIGHWAY 28 YOUNGS POINT
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 16 LAT: LONG: U T M: 17 0720025.0 4929525.0 4 REGION: 03 MILEAGE: 106.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78 1025			.3		36125	6	4.	2. L	2. L	0.0	11.2	0.2	0.008	0.006
20 04 78 0920			.3		36242	6	4. L	2. L	2. L	0.0	10.7	0.2	0.010	0.001
18 05 78 1000			.3		36309	6	4. L	2. L	2.	9.5	11.1			
28 06 78 1008			.3		36374	6	156.	2.	4.	13.9	8.7	1.2	0.018	0.001
18 07 78 1015			.3		36406	6	4. L	2. L	2.	23.5	6.0	1.2	0.019	0.001
29 08 78 1525			.3		36468	6	20.	2. L	2. L	19.0	8.9	0.4	0.031	0.009
28 09 78 1000			.3		36569	6	4. L	4. L	4. L	13.5	10.1	1.2	0.026	0.002
25 10 78 1300			.3		36600	6	4. L	2. L	2. L	8.5	10.8	0.4	0.012	0.002
16 11 78 1045			.3		36672	6				7.0	11.9	0.2	0.017	0.001
12 12 78 1500			.3		36724	6	4. L	2. L	2. L	1.0	11.3	1.0	0.024	0.001
MAXIMUM							156.	4.	4.	23.5	11.9	1.2	0.031	0.009
AVG OR GEOM MN (*)							7.* D	2.* D	2.* D	9.6	10.1	0.7	0.018	0.003
MINIMUM							4.	2.	2.	0.0	6.0	0.2	0.008	0.001
NO OF SAMPLES							9	9	9	10	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78 1025			.3		0.096	0.410	0.004	0.155	0.255	0.314	0.569	146.0	1.0	145
20 04 78 0920			.3		0.080	0.420	0.006	0.300	0.386	0.340	0.726	144.0	0.6	143
28 06 78 1008			.3		0.012	0.430	0.002	0.010	0.024	0.418	0.442	132.0	2.3	130
18 07 78 1015			.3		0.036	0.640	0.002	0.008	0.046	0.604	0.650	135.0	2.1	133
29 08 78 1525			.3		0.102	0.480	0.002	0.050	0.154	0.378	0.532	134.0	2.3	132
28 09 78 1000			.3		0.010	0.540	0.001	0.005	0.016	0.530	0.546	132.0	2.5	130
25 10 78 1300			.3		0.010	0.400	0.001	0.010	0.021	0.390	0.411	128.0	1.4	127
16 11 78 1045			.3		0.024	0.450	0.002	0.013	0.039	0.426	0.465	132.0	2.0	130
12 12 78 1500			.3		0.040	0.490	0.003	0.077	0.120	0.450	0.570	129.0	0.6	128
MAXIMUM					0.102	0.640	0.006	0.300	0.386	0.604	0.726	146.0	2.5	145
AVG OR GEOM MN (*)					0.046	0.473	0.003	0.070	0.118	0.428	0.546	134.7	1.6	133
MINIMUM					0.010	0.400	0.001	0.005	0.016	0.314	0.411	128.0	0.6	127
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78 1025			.3		223	1.10	5.5
20 04 78 0920			.3		220	1.20	5.6
28 06 78 1008			.3		200	1.30	4.6
18 07 78 1015			.3		205	1.10	4.8
29 08 78 1525			.3		203	0.60	4.9
28 09 78 1000			.3		200	3.10	5.0
25 10 78 1300			.3		195	1.40	4.7
16 11 78 1045			.3		200	1.50	4.7
12 12 78 1500			.3		200	2.80	4.8
MAXIMUM					223	3.10	5.6
AVG OR GEOM MN (*)					205	1.57	4.9
MINIMUM					195	0.60	4.6
NO OF SAMPLES					9	9	9

STATION ID: 17-0021-017-02

B.O.W./ SITE: LOVESICK LAKE OUTLET
SAMPLE POINT: AT HIGHWAY 28 BURLEIGH FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 17 LAT: LONG: U T M: 15 0721700.0 4937525.0 4 REGION: 03 MILEAGE: 115.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78 1035			.3		36126	6	12.	2. L	2. L	0.0	9.8	0.2	0.010	0.005
20 04 78 0945			.3		36243	6	4.	2. L	2. L	0.0	11.6	0.2	0.012	0.001
18 05 78 1018			.3		36310	6 3	12.	2. L	2. L	10.0	10.7			
28 06 78 1034			.3		36375	6	8.	2. L	2.	14.0	8.1	0.8	0.017	0.001L
18 07 78 1045			.3		36407	6	4.	2. L	2.	24.0	5.8	0.6	0.022	0.001
29 08 78 1510			.3		36467	6	596.	2. L	2. L	19.2	8.6	0.4	0.039	0.003
28 09 78 1020			.3		36570	6	4. L	4. L	4. L	13.8	10.3	0.6	0.017	0.001
25 10 78 1320			.3		36601	6	70.	2. L	2. L	8.5	11.2	0.8	0.015	0.002
16 11 78 1108			.3		36673	6				7.5	11.8	0.2	0.015	0.001L
12 12 78 1440			.3		36723	6	4. L	2. L	2. L	0.4	11.2	0.8	0.045	0.001
MAXIMUM							596.	4.	4.	24.0	11.8	0.8	0.045	0.005
AVG OR GEOM MN (*)							13.* D	2.* D	2.* D	9.7	9.9	0.5	0.021	0.002D
MINIMUM							4.	2.	2.	0.0	5.8	0.2	0.010	0.001
NO OF SAMPLES							9	9	9	10	10	9	9	9

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1035			.3		0.120	0.430	0.004	0.165	0.289	0.310	0.599	151.0	1.0	150
20 04 78	0945			.3		0.090	0.460	0.006	0.395	0.491	0.370	0.861	161.0	1.6	159
28 06 78	1034			.3		0.008	0.430	0.002	0.005	0.015	0.422	0.437	138.0	0.9	137
18 07 78	1045			.3		0.008	0.440	0.001	0.005L	0.014	0.432	0.446	147.0	3.9	143
29 08 78	1510			.3		0.072	0.620	0.002	0.010	0.084	0.548	0.632	138.0	2.8	135
28 09 78	1020			.3		0.016	0.500	0.001	0.010	0.027	0.484	0.511	128.0	3.5	124
25 10 78	1320			.3		0.017	0.450	0.002	0.010	0.029	0.433	0.462	129.0	2.1	127
16 11 78	1108			.3		0.032	0.470	0.002	0.023	0.057	0.438	0.495	132.0	2.0	130
12 12 78	1440			.3		0.028	0.600	0.002	0.078	0.108	0.572	0.680	129.0	0.3	129
MAXIMUM						0.120	0.620	0.006	0.395	0.491	0.572	0.861	161.0	3.9	159
AVG OR GEOM MN (*)						0.043	0.489	0.002	0.078D	0.124	0.445	0.569	139.2	2.0	137
MINIMUM						0.008	0.430	0.001	0.005	0.014	0.310	0.437	128.0	0.3	124
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78	1035			.3		231	1.20	5.8
20 04 78	0945			.3		245	1.10	6.1
28 06 78	1034			.3		210	1.50	5.1
18 07 78	1045			.3		220	1.10	5.3
29 08 78	1510			.3		207	1.40	5.1
28 09 78	1020			.3		190	2.40	5.0
25 10 78	1320			.3		195	1.60	4.8
16 11 78	1108			.3		200	1.60	4.7
12 12 78	1440			.3		200	1.00	4.9
MAXIMUM						245	2.40	6.1
AVG OR GEOM MN (*)						211	1.43	5.2
MINIMUM						190	1.00	4.7
NO OF SAMPLES						9	9	9

B.O.W./ SITE: BUCKHORN LAKE OUTLET
SAMPLE POINT: HIGHWAY 507 BUCKHORN
STATION TYPE: RIVER

STATION ID: 17-0021-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 18 LAT: LONG: U T M: 17 0710850.0 4936725.0 4 REGION: 03 MILEAGE: 122.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78	1105			.3		36128	6	20.	2. L	2. L	0.0	8.4	1.0	0.005	0.004
20 04 78	1015			.3		36245	6	4. L	2. L	2. L	0.0	10.3			
18 05 78	1055			.3		36312	6	4.	2. L	2. L	9.5	10.6			
28 06 78	1120			.3		36377	6	52.	2. L	6.	14.5	8.3	1.0	0.018	0.001L
18 07 78	1200			.3		36409	6	8.	2. L	2. L	24.0	6.8	0.8	0.025	0.001L
29 08 78	1430			.3		36465	6	8.	2. L	4.	19.0	19.4	0.5	0.027	0.006
28 09 78	1215			.3		36571	6	8.	4. L	4. L	13.5	10.1	0.8	0.022	0.001
25 10 78	1405			.3		36603	6	4. L	2. L	2. L	7.0	11.8	0.4	0.016	0.002
16 11 78	1155			.3		36675	6				6.0	12.8	0.2	0.015	0.001L
12 12 78	1410			.3		36721	6	4. L	2. L	2. L	1.0	10.9	1.2	0.020	0.001
MAXIMUM								52.	4.	6.	24.0	19.4	1.2	0.027	0.006
AVG OR GEOM MN (*)								8.* D	2.* D	3.+ D	9.5	10.9	0.7	0.019	0.002D
MINIMUM								4.	2.	2.	0.0	6.8	0.2	0.005	0.001
NO OF SAMPLES								9	9	9	10	10	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1105			.3		0.132	0.460	0.004	0.160	0.296	0.328	0.624	154.0	0.8	153
28 06 78	1120			.3		0.008	0.490	0.002	0.005	0.015	0.482	0.497	155.0	2.3	153
18 07 78	1200			.3		0.008	0.530	0.001	0.005L	0.014	0.522	0.536	160.0	3.6	156
29 08 78	1430			.3		0.078	0.590	0.002	0.005	0.085	0.512	0.597	143.0	4.7	138
28 09 78	1215			.3		0.012	0.570	0.001	0.010	0.023	0.558	0.581	137.0	4.1	133
25 10 78	1405			.3		0.017	0.440	0.002	0.010	0.029	0.423	0.452	138.0	2.0	136
16 11 78	1155			.3		0.024	0.470	0.002	0.018	0.044	0.446	0.490	135.0	2.0	133
12 12 78	1410			.3		0.028	0.440	0.002	0.063	0.093	0.412	0.505	142.0	4.0	138
MAXIMUM						0.132	0.590	0.004	0.160	0.296	0.558	0.624	160.0	4.7	156
AVG OR GEOM MN (*)						0.038	0.499	0.002	0.035D	0.075	0.460	0.535	145.5	2.9	143
MINIMUM						0.008	0.440	0.001	0.005	0.014	0.328	0.452	135.0	0.8	133
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78	1105			.3		236	1.20	6.2
28 06 78	1120			.3		235	1.50	5.7
18 07 78	1200			.3		240	1.40	5.8
29 08 78	1430			.3		213	2.00	5.4
28 09 78	1215			.3		205	2.20	5.4
25 10 78	1405			.3		210	1.40	5.1
16 11 78	1155			.3		205	1.40	4.9
12 12 78	1410			.3		215	2.10	5.4
MAXIMUM						240	2.20	6.2
AVG OR GEOM MN (*)						220	1.65	5.5
MINIMUM						205	1.20	4.9
NO OF SAMPLES						8	8	8

B.O.W./ SITE: STURGEON LAKE OUTLET
SAMPLE POINT: HIGHWAY 36 BOBCAYGEON
STATION TYPE: RIVER

STATION ID: 17-0021-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 21   LAT: LONG: U T M: 17 0694060.0 4934400.0 4   REGION: 03   MILEAGE: 138.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78	1145			.3		36129	6	20.	4.	6.	0.0	11.0	1.4	0.006	0.005
20 04 78	1045			.3		36246	6	36.	2.	8.	0.0	11.8			
18 05 78	1128			.3		36313	6	4.	2. L	2. L	9.0	10.6			
28 06 78	1210			.3		36378	6	92.	6.	24.	14.5	8.1	1.0	0.018	0.001L
18 07 78	1230			.3		36410	6	32.	6.	2.	24.5	6.0	0.4	0.020	0.001
29 08 78	1400			.3		36464	6	4.	2. L	2.	18.0	10.4	1.4	0.025	0.001
28 09 78	1245			.3		36572	6	156.	4. L	4.	13.5	10.0	1.6	0.027	0.001
25 10 78	1430			.3		36604	6	88.	2. L	2. L	8.2	11.1	0.5	0.028	0.002
16 11 78	1230			.3		36676	6				7.0	13.0	0.2	0.019	0.001L
12 12 78	1340			.3		36720	6	4. L	2. L	2. L	0.5	10.7	1.0	0.012	0.001
MAXIMUM								156.	6.	24.	24.5	13.0	1.6	0.028	0.005
AVG OR GEOM MN (*)								23.* D	3.* D	4.* D	9.5	10.3	0.9	0.019	0.0020
MINIMUM								4.	2.	2.	0.0	6.0	0.2	0.006	0.001
NO OF SAMPLES								9	9	9	10	10	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1145			.3		0.120	7.400	0.004	0.160	0.284	7.280	7.564	136.0	1.1	135
28 06 78	1210			.3		0.008	0.470	0.002	0.005	0.015	0.462	0.477	134.0	4.3	130
18 07 78	1230			.3		0.006	0.450	0.001	0.005L	0.012	0.444	0.456	134.0	3.9	130
29 08 78	1400			.3		0.082	0.520	0.001	0.005L	0.088	0.438	0.526	125.0	5.0	120
28 09 78	1245			.3		0.024	0.590	0.002	0.015	0.041	0.566	0.607	120.0	3.1	117
25 10 78	1430			.3		0.014	0.480	0.002	0.005	0.021	0.466	0.487	117.0	2.9	114
16 11 78	1230			.3		0.024	0.490	0.002	0.013	0.039	0.466	0.505	120.0	3.0	117
12 12 78	1340			.3		0.026	0.360	0.002	0.023	0.051	0.334	0.385	111.0	1.0	110
MAXIMUM						0.120	7.400	0.004	0.160	0.284	7.280	7.564	136.0	5.0	135
AVG OR GEOM MN (*)						0.038	1.345	0.002	0.029D	0.069	1.307	1.376	124.6	3.0	122
MINIMUM						0.006	0.360	0.001	0.005	0.012	0.334	0.385	111.0	1.0	110
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 02 78	1145			.3		207	1.00	5.7			
28 06 78	1210			.3		200	2.20	5.1			
18 07 78	1230			.3		200	1.50	5.1			
29 08 78	1400			.3		184	1.30	4.7			
28 09. 78	1245			.3		180	3.30	4.6		73	8.11
25 10 78	1430			.3		175	2.10	4.5	15.0	69	7.99
16 11 78	1230			.3		180	2.30	5.0	15.0	70	7.25
12 12 78	1340			.3		170	1.10	4.9			
MAXIMUM						207	3.30	5.7	15.0	73	8.11
AVG OR GEOM MN (*)						187	1.85	4.9	15.0	71	7.78
MINIMUM						170	1.00	4.5	15.0	69	7.25
NO OF SAMPLES						8	8	8	2	3	3

B.O.W./ SITE: CAMERON LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 FENELON FALLS
STATION TYPE: RIVER

STATION ID: 17-0021-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 23   LAT: LONG: U T M: 17 0679725.0 4933625.0 4   REGION: 03   MILEAGE: 155.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78	1320			.3		36133	6	12.	2. L	2. L	0.0	11.6	1.5	0.009	0.002
20 04 78	1330			.3		36251	6	36.	2. L	2.	0.0	10.8	0.2	0.009	0.001L
18 05 78	1410			.3		36318	6	112.	4.	2.	11.0	10.1			
28 06 78	1435			.3		36383	6	352.	4.	10.	14.5	8.6	0.6	0.011	0.001L
18 07 78	1500			.3		36415	6	4.	2. L	2.	23.0	6.1	0.2	0.016	0.001
29 08 78	1100			.3		36459	6	28.	2.	4.	19.0	7.1	0.5	0.011	0.001
28 09 78	1450			.3		36577	6	16.	4. L	16.	13.8	9.8	0.2	0.008	0.001
24 10 78	1345			.3		36588	6	4. L	2. L	2. L	7.0	11.1	0.4	0.006	0.001
16 11 78	1540			.3		36681	6				6.0	12.9	0.6	0.018	0.001L
12 12 78	1222			.3		36718	6	4.	6.	12.	0.5	11.4	0.6	0.006	0.002
MAXIMUM								352.	6.	16.	23.0	12.9	1.5	0.018	0.002
AVG OR GEOM MN (*)								20.* D	3.* D	4.* D	9.5	10.0	0.5	0.010	0.001D
MINIMUM								4.	2.	2.	0.0	6.1	0.2	0.006	0.001
NO OF SAMPLES								9	9	9	10	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1320			.3		0.036	0.280	0.003	0.090	0.129	0.244	0.373	74.0	0.4	74
20 04 78	1330			.3		0.042	0.310	0.003	0.195	0.240	0.268	0.508	80.0	1.4	79
28 06 78	1435			.3		0.012	0.440	0.002	0.025	0.039	0.428	0.467	95.0	1.1	94
18 07 78	1500			.3		0.002	0.370	0.001	0.005L	0.008	0.368	0.376	93.0	1.7	91
29 08 78	1100			.3		0.018	0.310	0.002	0.010	0.030	0.292	0.322			
28 09 78	1450			.3		0.010	0.250	0.002	0.030	0.042	0.240	0.282	85.0	0.8	84
24 10 78	1345			.3		0.008	0.240	0.001	0.015	0.024	0.232	0.256	82.0	0.5	81
16 11 78	1540			.3		0.028	0.470	0.002	0.023	0.053	0.442	0.495	123.0	3.0	120
12 12 78	1222			.3		0.026	0.300	0.002	0.063	0.091	0.274	0.365	79.0	0.5	78
MAXIMUM						0.042	0.470	0.003	0.195	0.240	0.442	0.508	123.0	3.0	120
AVG OR GEOM MN (*)						0.020	0.330	0.002	0.051D	0.073	0.310	0.383	88.9	1.2	88
MINIMUM						0.002	0.240	0.001	0.005	0.008	0.232	0.256	74.0	0.4	74
NO OF SAMPLES						9	9	9	9	9	9	9	8	8	8

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 02 78	1320			.3		114	0.95	2.7				
20 04 78	1330			.3		121	1.10	3.1				
28 06 78	1435			.3		144	1.10	3.2				
18 07 78	1500			.3		140	0.80	3.3				
29 08 78	1100			.3		133	1.00	3.2		0.8	52	0.84
28 09 78	1450			.3		130	1.10	3.2			50	7.97
24 10 78	1345			.3		124	1.30	3.2	12.5		46	7.45
16 11 78	1540			.3		185	1.80	5.1				
12 12 78	1222			.3		120	1.00	3.0				
MAXIMUM						185	1.80	5.1	12.5	0.8	52	7.97
AVG OR GEOM MN (*)						135	1.13	3.3	12.5	0.8	49	5.42
MINIMUM						114	0.80	2.7	12.5	0.8	46	0.84
NO OF SAMPLES						9	9	9	1	1	3	3

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 35 COBOCONK
STATION TYPE: RIVER

STATION ID: 17-0021-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 25 LAT: LONG: U T M: 17 0674650.0 4947150.0 4 REGION: 03 MILEAGE: 166.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78	1240			.3		36131	6	12.	2. L	2. L	0.0	11.2	1.5	0.006	0.004
20 04 78	1230			.3		36249	6	12.	2.	2. L	0.0	10.9	0.2	0.008	0.001L
18 05 78	1250			.3		36316	6	20.	2. L	2.	10.0	10.9			
28 06 78	1330			.3		36381	6	252.	2.	18.	13.5	8.9	0.2	0.009	0.001L
18 07 78	1420			.3		36413	6	4.	2. L	4.	24.0	6.2	0.2	0.006	0.001
29 08 78	1205			.3		36461	6	24.	2. L	2. L	19.0	9.3	0.5	0.012	0.004
28 09 78	1405			.3		36576	6	8.	4. L	4. L	14.0	10.2	0.2	0.009	0.001
24 10 78	1250			.3		36586	6	340.	2. L	2. L	8.0	11.4	0.6	0.017	0.015
16 11 78	1440			.3		36679	6				7.0	12.7	0.4	0.011	0.002
12 12 78	1145			.3		36716	6	12.	2. L	2. L	1.2	11.9	0.4	0.004	0.001
MAXIMUM								340.	4.	18.	24.0	12.7	1.5	0.017	0.015
AVG OR GEOM MN (*)								24.*	2.* D	3.* D	9.7	10.4	0.5	0.009	0.003D
MINIMUM								4.	2.	2.	0.0	6.2	0.2	0.004	0.001
NO OF SAMPLES								9	9	9	10	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1240			.3		0.016	0.200	0.003	0.140	0.159	0.184	0.343	48.0	0.6	47
20 04 78	1230			.3		0.016	0.260	0.003	0.175	0.194	0.244	0.438	64.0	0.8	63
28 06 78	1330			.3		0.012	0.260	0.002	0.020	0.034	0.248	0.282	53.0	1.1	52
18 07 78	1420			.3		0.008	0.250	0.002	0.008	0.018	0.242	0.260	49.0	1.4	48
29 08 78	1205			.3		0.020	0.260	0.002	0.010	0.032	0.240	0.272			
28 09 78	1405			.3		0.004	0.300	0.001	0.005	0.010	0.296	0.306	77.0	2.5	75
24 10 78	1250			.3		0.008	0.260	0.002	0.025	0.035	0.252	0.287	48.0	4.0	44
16 11 78	1440			.3		0.012	0.290	0.002	0.063	0.077	0.278	0.355	51.0	2.0	49
12 12 78	1145			.3		0.018	0.220	0.001	0.139	0.158	0.202	0.360	49.0	0.2	49
MAXIMUM						0.020	0.300	0.003	0.175	0.194	0.296	0.438	77.0	4.0	75
AVG OR GEOM MN (*)						0.013	0.256	0.002	0.065	0.080	0.243	0.323	54.9	1.6	53
MINIMUM						0.004	0.200	0.001	0.005	0.010	0.184	0.260	48.0	0.2	44
NO OF SAMPLES						9	9	9	9	9	9	9	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 02 78	1240			.3		73	1.20	2.0				
20 04 78	1230			.3		97	1.00	2.5				
28 06 78	1330			.3		81	1.00	2.1				
18 07 78	1420			.3		74	0.60	2.1				
29 08 78	1205			.3		71	0.85	2.0		0.8	20	0.84
28 09 78	1405			.3		115	1.60	2.7			43	7.84
24 10 78	1250			.3		68	2.00	2.1	11.5		20	7.61
16 11 78	1440			.3		75	1.30	2.4	11.0		21	7.37
12 12 78	1145			.3		75	1.00	2.2				
MAXIMUM						115	2.00	2.7	11.5	0.8	43	7.84
AVG OR GEOM MN (*)						81	1.17	2.2	11.3	0.8	26	5.92
MINIMUM						68	0.60	2.0	11.0	0.8	20	0.84
NO OF SAMPLES						9	9	9	2	1	4	4

STATION ID: 17-0021-032-02

B.O.W./ SITE: GULL LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 MOORE FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 32 LAT: LONG: U T M: 17 0673800.0 4963525.0 4 REGION: 03 MILEAGE: 179.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1210			.3		30104	6	4. L	2. L	2. L	0.5	11.6	0.2	0.005	0.001L
28 03 78	1115			.3		30111	6	4. L	2. L	2. L	1.0	5.0	0.2	0.005	0.001
17 04 78	1115			.3		30118	6	4. L	2. L	2. L	3.0	10.2	0.2	0.009	0.002
23 05 78	1115			.3		30125	6	4. L	2. L	2. L	11.0	11.0	0.5	0.014	0.001
20 06 78	1135			.3		30132	6				18.0	8.4	0.2	0.008	0.001
18 07 78	1130			.3		30139	6	36.	2. L	2. L	23.0	8.6	0.2	0.009	0.001L
29 08 78	1115			.3		30146	6	4. L	2. L	2. L	21.5	7.6	0.4	0.011	0.001
19 09 78	1120			.3		30153	6 3	4.	2. L	2. L	16.0	7.8	0.2	0.007	0.001
16 10 78	1125			.3		30160	3 6				10.0	9.6	0.2	0.005	0.001
20 11 78	1125			.3		30167	6	4. L	2. L	2. L	5.0	10.4	0.4	0.006	0.001
MAXIMUM								36.	2.	2.	23.0	11.6	0.5	0.014	0.002
AVG OR GEOM MN (*)								5.* D	2.* D	2.* D	10.9	9.0	0.3	0.008	0.001D
MINIMUM								4.	2.	2.	0.5	5.0	0.2	0.005	0.001
NO OF SAMPLES								8	8	8	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78	1210			.3		0.006	0.190	0.001	0.129	0.136	0.184	0.320	45.0	1.1	44
28 03 78	1115			.3		0.010	0.200	0.001	0.169	0.180	0.190	0.370	42.0	0.7	41
17 04 78	1115			.3		0.010	0.260	0.001	0.155	0.166	0.250	0.416	42.0	1.9	40
23 05 78	1115			.3		0.028	0.390	0.002	0.160	0.190	0.362	0.552	50.0	1.6	48
20 06 78	1135			.3		0.014	0.320	0.002	0.080	0.096	0.306	0.402	50.0	0.8	49
18 07 78	1130			.3		0.006	0.240	0.002	0.028	0.036	0.234	0.270	45.0	1.1	44
29 08 78	1115			.3		0.018	0.270	0.001	0.010	0.029	0.252	0.281	41.0	0.9	40
19 09 78	1120			.3		0.008	0.230	0.001	0.010	0.019	0.222	0.241	41.0	0.9	40
16 10 78	1125			.3		0.009	0.290	0.002	0.065	0.076	0.281	0.357	44.0	3.1	41
20 11 78	1125			.3		0.009	0.210	0.002	0.163	0.174	0.201	0.375	44.0	0.4	44
MAXIMUM						0.028	0.390	0.002	0.169	0.190	0.362	0.552	50.0	3.1	49
AVG OR GEOM MN (*)						0.012	0.260	0.002	0.097	0.110	0.248	0.358	44.4	1.3	43
MINIMUM						0.006	0.190	0.001	0.010	0.019	0.184	0.241	41.0	0.4	40
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78	1210			.3		69	0.55	3.2				
28 03 78	1115			.3		63	0.55	1.7				
17 04 78	1115			.3		62	0.60	1.8				
23 05 78	1115			.3		74	1.00	2.1				
20 06 78	1135			.3		75	0.60	2.0				
18 07 78	1130			.3		68	0.50	1.9				
29 08 78	1115			.3		62	0.50	1.8			16	7.58
19 09 78	1120			.3		62	0.80	1.9			17	7.64
16 10 78	1125			.3		63	1.00	2.0		10.50	16	6.99
20 11 78	1125			.3		67	1.00	1.9	11.0		18	6.79
MAXIMUM						75	1.00	3.2	11.0	10.50	18	7.64
AVG OR GEOM MN (*)						66	0.71	2.0	11.0	10.50	17	7.25
MINIMUM						62	0.50	1.7	11.0	10.50	16	6.79
NO OF SAMPLES						10	10	10	1	1	4	4

STATION ID: 17-0021-033-02

B.O.W./ SITE: DRAG RIVER
SAMPLE POINT: HIGHWAY 519 12 MILES SOUTH WEST OF HALIBURTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 33 LAT: LONG: U T M: 17 0686850.0 4977550.0 4 REGION: 03 MILEAGE: 196.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1245			.3		30105	6	12.	2. L	2. L	0.5	11.0	0.2	0.002	0.001L
28 03 78	1150			.3		30112	6	4.	2. L	2. L	1.0	4.0	0.2	0.007	0.001
17 04 78	1145			.3		30119	6	8.	2. L	2.	3.5	10.2	0.2	0.005	0.001
23 05 78	1145			.3		30126	6	104.	2. L	2. L	14.0	9.6	0.2	0.005	0.001
20 06 78	1250			.3		30133	6				20.0	8.0	0.4	0.006	0.001L
18 07 78	1230			.3		30140	6	4.	2. L	20.	23.5	8.4	0.4	0.009	0.001L
29 08 78	1250			.3		30147	6	52.	4.	2.	21.0	7.8	0.4	0.011	0.001
19 09 78	1220			.3		30154	6	100. L	2. L	2. L	16.0	8.0	0.2	0.010	0.001
16 10 78	1200			.3		30161	6				10.0	9.2	0.2	0.010	0.003
20 11 78	1210			.3		30168	6	4.	2. L	2. L	4.5	12.7	0.4	0.008	0.001L
MAXIMUM								104.	4.	20.	23.5	12.7	0.4	0.011	0.003
AVG OR GEOM MN (*)								15.* D	2.* D	3.* D	11.4	8.9	0.3	0.007	0.001D
MINIMUM								4.	2.	2.	0.5	4.0	0.2	0.002	0.001
NO OF SAMPLES								8	8	8	10	10	10	10	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78	1245			.3		0.006	0.300	0.001	0.119	0.126	0.294	0.420	55.0	0.6	54
28 03 78	1150			.3		0.020	0.250	0.001	0.189	0.210	0.230	0.440	56.0	0.6	55
17 04 78	1145			.3		0.010	0.260	0.002	0.185	0.197	0.250	0.447	56.0	0.9	55
23 05 78	1145			.3		0.016	0.260	0.002	0.130	0.148	0.244	0.392	55.0	1.6	53
20 06 78	1250			.3		0.012	0.330	0.003	0.055	0.070	0.318	0.388	57.0	2.5	55
18 07 78	1230			.3		0.004	0.310	0.001	0.005L	0.010	0.306	0.316	57.0	1.6	55
29 08 78	1250			.3		0.016	0.310	0.002	0.005	0.023	0.294	0.317	56.0	0.9	55
19 09 78	1220			.3		0.010	0.300	0.002	0.010	0.022	0.290	0.312	56.0	0.8	55
16 10 78	1200			.3		0.021	0.330	0.002	0.030	0.053	0.309	0.362	57.0	2.4	55
20 11 78	1210			.3		0.016	0.270	0.002	0.037	0.055	0.254	0.309	54.0	0.5	53
MAXIMUM						0.021	0.330	0.003	0.189	0.210	0.318	0.447	57.0	2.5	55
AVG OR GEOM MN (*)						0.013	0.292	0.002	0.077D	0.091	0.279	0.370	55.9	1.2	55
MINIMUM						0.004	0.250	0.001	0.005	0.010	0.230	0.309	54.0	0.5	53
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78	1245			.3		83	0.50	2.8				
28 03 78	1150			.3		84	0.65	2.8				
17 04 78	1145			.3		84	0.60	3.2				
23 05 78	1145			.3		82	0.65	3.1				
20 06 78	1250			.3		84	0.60	3.0				
18 07 78	1230			.3		84	0.60	3.1				
29 03 78	1250			.3		84	0.50	3.2			25	7.76
19 09 78	1220			.3		84	1.80	3.5			25	7.44
16 10 78	1200			.3		84	1.10	3.4		11.00	25	7.18
20 11 78	1210			.3		82	1.00	3.3	11.0		24	7.18
MAXIMUM						84	1.80	3.5	11.0	11.00	25	7.76
AVG OR GEOM MN (*)						83	0.80	3.1	11.0	11.00	25	7.39
MINIMUM						82	0.50	2.8	11.0	11.00	24	7.18
NO OF SAMPLES						10	10	10	1	1	4	4

B.O.W./ SITE: TWELVE MILE LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 1 MILE NORTH OF ELSIE MINDEN TOWNSHIP
STATION TYPE: RIVER

STATION ID: 17-0021-035-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 35 LAT: LONG: U T M: 17 0681050.0 4985525.0 4 REGION: 03 MILEAGE: 197.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1040			.3		30101	6				0.0	10.8	0.2	0.010	0.001L
28 03 78	0945			.3		30108	6	4. L	2. L	2. L	0.5	10.0	0.2	0.004	0.001L
17 04 78	1015			.3		30115	6	8.	2. L	2. L	3.0	11.8	0.2	0.007	0.001
23 05 78	1005			.3		30122	6	4. L	2. L	2. L	13.0	10.4	0.4	0.011	0.001L
20 06 78	1040			.3		30129	6				18.0	8.0	0.2	0.005	0.001L
18 07 78	1030			.3		30136	6	4. L	2. L	2. L	22.5	8.2	0.4	0.010	0.001L
29 08 78	1015			.3		30143	6	4. L	2. L	2. L	20.5	8.2	0.2	0.011	0.001L
19 09 78	1020			.3		30150	6	4. L	2. L	2. L	16.0	7.6	0.2	0.006	0.001
16 10 78	1030			.3		30157	6				10.0	9.2	0.2	0.004	0.001
20 11 78	1030			.3		30164	6	4. L	2. L	2.	5.0	11.4	0.2	0.005	0.001
MAXIMUM								8.	2.	2.	22.5	11.8	0.4	0.011	0.001
AVG OR GEOM MN (*)								4.* D	2.* D	2.* D	10.9	9.6	0.2	0.007	0.001D
MINIMUM								4.	2.	2.	0.0	7.6	0.2	0.004	0.001
NO OF SAMPLES								7	7	7	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78	1040			.3		0.008	0.180	0.001	0.139	0.148	0.172	0.320	36.0	0.5	35
28 03 78	0945			.3		0.012	0.210	0.001	0.199	0.212	0.198	0.410	35.0	0.4	35
17 04 78	1015			.3		0.008	0.210	0.001	0.235	0.244	0.202	0.446	38.0	3.1	35
23 05 78	1005			.3		0.018	0.250	0.003	0.125	0.146	0.232	0.378	36.0	1.7	34
20 06 78	1040			.3		0.012	0.250	0.002	0.105	0.119	0.238	0.357	36.0	1.5	36
18 07 78	1030			.3		0.006	0.310	0.003	0.057	0.066	0.304	0.370	37.0	1.0	36
29 08 78	1015			.3		0.018	0.300	0.002	0.020	0.040	0.282	0.322	35.0	0.7	34
19 09 78	1020			.3		0.012	0.230	0.002	0.020	0.034	0.218	0.252	35.0	0.6	34
16 10 78	1030			.3		0.011	0.200	0.002	0.050	0.063	0.189	0.252	35.0	1.3	34
20 11 78	1030			.3		0.014	0.220	0.002	0.095	0.111	0.206	0.317	35.0	0.8	34
MAXIMUM						0.018	0.310	0.003	0.235	0.244	0.304	0.446	38.0	3.1	36
AVG OR GEOM MN (*)						0.012	0.236	0.002	0.105	0.118	0.224	0.342	35.8	1.2	35
MINIMUM						0.006	0.180	0.001	0.020	0.034	0.172	0.252	35.0	0.4	34
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

(C O N T D)

STATION ID: 17-0021-035-02

B.O.W./ SITE: TWELVE MILE LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 1 MILE NORTH OF ELSIE MINDEN TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 35 LAT: LONG: U T M: 17 0681050.0 4985525.0 4 REGION: 03 MILEAGE: 197.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1040			.3		54	0.45	1.4				
28 03 78 0945			.3		55	0.50	1.3				
17 04 78 1015			.3		54	0.70	1.4				
23 05 78 1005			.3		53	0.80	1.6				
20 06 78 1040			.3		56	0.70	1.5				
18 07 78 1030			.3		55	0.30	1.6				
29 08 78 1015			.3		52	0.55	1.5			12	7.47
19 09 78 1020			.3		53	0.70	1.6			13	7.28
16 10 78 1030			.3		52	1.00	1.5		10.00	12	6.83
20 11 78 1030			.3		52	1.40	1.4	10.5		12	7.15
MAXIMUM					56	1.40	1.6	10.5	10.00	13	7.47
AVG OR GEOM MN (*)					54	0.71	1.5	10.5	10.00	12	7.18
MINIMUM					52	0.30	1.3	10.5	10.00	12	6.83
NO OF SAMPLES					10	10	10	1	1	4	4

STATION ID: 17-0021-036-02

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 35 NORTH OF CARNARVON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 36 LAT: LONG: U T M: 17 0679800.0 4993100.0 4 REGION: 03 MILEAGE: 203.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1020			.3		30100	6	4. L	2. L	2. L	0.0	11.6	0.2	0.001L	0.001L
28 03 78 0930			.3		30107	6	4. L	2. L	2. L	2.0	6.0	0.5	0.004	0.001L
17 04 78 0950			.3		30114	6	8.	2. L	2.	2.0	11.8	0.2	0.005	0.001
23 05 78 0950			.3		30121	6	68.	2. L	2. L	13.0	9.8	0.4	0.010	0.001L
20 06 78 1015			.3		30128	6				19.0	8.6	1.0	0.005	0.001
18 07 78 1015			.3		30135	6	28.	2. L	2. L	22.0	7.8	0.2	0.007	0.001L
29 08 78 0955			.3		30142	6	28.	2. L	2. L	21.0	7.2	0.4	0.010	0.001L
19 09 78 1005			.3		30149	6	100. L	2. L	2. L	15.5	7.8	0.2	0.011	0.002
16 10 78 1015			.3		30156	6				10.0	9.2	0.2	0.016	0.003
20 11 78 1015			.3		30163	6	4. L	2. L	2. L	5.0	13.6	0.2	0.007	0.001
MAXIMUM							100.	2.	2.	22.0	13.6	1.0	0.016	0.003
AVG OR GEOM MN (*)							15.* D	2.* D	2.* D	11.0	9.3	0.4	0.008D	0.001D
MINIMUM							4.	2.	2.	0.0	6.0	0.2	0.001	0.001
NO OF SAMPLES							8	8	8	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78 1020			.3		0.016	0.200	0.001	0.144	0.161	0.184	0.345	39.0	0.3	39
28 03 78 0930			.3		0.032	0.220	0.002	0.198	0.232	0.188	0.420	40.0	0.4	40
17 04 78 0950			.3		0.016	0.240	0.002	0.225	0.243	0.224	0.467	41.0	1.0	40
23 05 78 0950			.3		0.016	0.270	0.003	0.170	0.189	0.254	0.443	46.0	5.7	40
20 06 78 1015			.3		0.012	0.290	0.003	0.110	0.125	0.278	0.403	44.0	0.4	44
18 07 78 1015			.3		0.006	0.360	0.002	0.013	0.021	0.354	0.375	46.0	2.2	44
29 08 78 0955			.3		0.020	0.290	0.001	0.010	0.031	0.270	0.301	46.0	0.5	45
19 09 78 1005			.3		0.016	0.240	0.002	0.030	0.048	0.224	0.272	40.0	0.9	39
16 10 78 1015			.3		0.011	0.350	0.002	0.050	0.063	0.339	0.402	39.0	0.4	39
20 11 78 1015			.3		0.019	0.210	0.002	0.121	0.142	0.191	0.333	39.0	0.5	38
MAXIMUM					0.032	0.360	0.003	0.225	0.243	0.354	0.467	46.0	5.7	45
AVG OR GEOM MN (*)					0.016	0.267	0.002	0.107	0.126	0.251	0.376	42.0	1.2	41
MINIMUM					0.006	0.200	0.001	0.010	0.021	0.184	0.272	39.0	0.3	38
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1020			.3		60	0.50	1.1				
28 03 78 0930			.3		62	0.60	1.1				
17 04 78 0950			.3		61	0.75	1.4				
23 05 78 0950			.3		62	0.95	1.8				
20 06 78 1015			.3		67	0.60	1.8				
18 07 78 1015			.3		67	0.70	1.8				
29 08 78 0955			.3		69	0.50	1.4			20	7.48
19 09 78 1005			.3		60	0.60	1.4			19	7.42
16 10 78 1015			.3		60	0.80	1.4		11.50	17	6.96
20 11 78 1015			.3		58	1.00	1.2	10.5		16	7.04
MAXIMUM					69	1.00	1.8	10.5	11.50	20	7.48
AVG OR GEOM MN (*)					63	0.70	1.4	10.5	11.50	18	7.23
MINIMUM					58	0.50	1.1	10.5	11.50	16	6.96
NO OF SAMPLES					10	10	10	1	1	4	4

```
 B.O.W./ SITE: HEAD LAKE OUTLET                                                  STATION ID:  17-0021-037-02
 SAMPLE POINT: HIGHWAY 121 HALIBURTON
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                004
                                                    TERM STREAM: TRENT RIVER                                 1220

STN NO:    37    LAT:              LONG:            U T M: 17 0694950.0 4990750.0 4   REGION: 03     MILEAGE:  207.90

                                            934      901      80        81        84       805       3        1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE      SCD    TOTAL     FECAL      M.F.     WATER    DISS.    5-DAY    TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH               NO          COLIFORM  COLIFORM    ENTER.     TEMP.      02      BOD        P  REACTIVE
               FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L     MG/L     MG/L    P MG/L

17 01 78 1330             .3             30106  6          64.       2.        2.        0.5     12.0      0.2    0.012    0.001L
28 03 78 1250             .3             30113  6          36.       2.  L     2.  L     5.0     11.0      0.2    0.001L   0.001L
17 04 78 1220             .3             30120  6         160.       2.  L     4.        2.5     11.0      0.5    0.012    0.002
23 05 78 1215             .3             30127  6          12.       2.  L    30.       16.5      8.8      0.4    0.010    0.001L
20 06 78 1320             .3             30134  5                                      21.0      7.8      0.4    0.012    0.002
18 07 78 1310             .3             30141  5          40.      22.        8.       24.5      8.8      0.2    0.014    0.001L
29 08 78 1320             .3             30148  8 5       100.       2.  L     2.       21.0      8.6      1.2    0.048    0.001
19 09 78 1300             .3             30155  8 5        20.  L    2.  L     2.  L    15.0     11.2      0.2    0.009    0.001
16 10 78 1225             .3             30162  6 8                                     9.0     10.2      0.2    0.014    0.002
20 11 78 1230             .3             30169  6          20.       2.  L     2.  L     4.5     12.8      1.0    0.012    0.001L

                      MAXIMUM                             160.      22.       30.       24.5     12.8      1.2    0.048    0.002
           AVG OR GEOM MN (*)                              40.* D    3.* D     4.* D   12.0     10.2      0.5    0.014D   0.001D
                      MINIMUM                              12.       2.        2.        0.5      7.8      0.2    0.001    0.001

              NO OF SAMPLES                                  8         8         8        10       10       10       10        10

                                     19       20        21        22        17        18        23        5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED    TOTAL  FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.   CALCUL
DY MO YR LMT   DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N          N   ORGNC  N             SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS        MG/L      MG/L  MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

17 01 78 1330             .3       0.028     0.250     0.001     0.139     0.168     0.222     0.390     47.0       0.1        47
28 03 78 1250             .3       0.030     0.260     0.002     0.218     0.250     0.230     0.480     53.0       0.4        53
17 04 78 1220             .3       0.084     0.410     0.004     0.385     0.473     0.326     0.799     48.0       1.8        46
23 05 78 1215             .3       0.022     0.290     0.003     0.105     0.130     0.268     0.398     46.0       1.1        45
20 06 78 1320             .3       0.020     0.360     0.003     0.025     0.048     0.340     0.388     54.0       0.8        53
18 07 78 1310             .3       0.004     0.420     0.002     0.005L    0.011     0.416     0.427     51.0       3.7        47
29 08 78 1320             .3       0.036     0.430     0.002     0.030     0.068     0.394     0.462     76.0      25.0        51
19 09 78 1300             .3       0.014     0.250     0.002     0.025     0.041     0.236     0.277     50.0       0.5        49
16 10 78 1225             .3       0.011     0.450     0.002     0.020     0.033     0.439     0.472     50.0       0.8        49
20 11 78 1230             .3       0.012     0.280     0.002     0.100     0.114     0.268     0.382     48.0       1.0        47

                      MAXIMUM      0.084     0.450     0.004     0.385     0.473     0.439     0.799     76.0      25.0        53
           AVG OR GEOM MN (*)      0.026     0.340     0.002     0.105D    0.134     0.314     0.448     52.3       3.5        49
                      MINIMUM      0.004     0.250     0.001     0.005     0.011     0.222     0.277     46.0       0.1        45

              NO OF SAMPLES           10        10        10        10        10        10        10       10        10        10

                                     14        16        56        59        52        55
SAMP DTE HOUR  STN  STN SAMP  PJ   COND.     TURB.  CHLORIDE  SULPHATE   TOT ALK        PH
DY MO YR LMT   DIST BRG DEPTH        25C  FORMAZIN      MG/L              AT LAB    AT LAB
               FEET      MTRS      UMHOS     UNITS                 MG/L     MG/L

17 01 78 1330             .3          72      0.75       1.6
28 03 78 1250             .3          82      0.70       2.5
17 04 78 1220             .3          70      1.40       4.2
23 05 78 1215             .3          69      1.20       2.0




20 06 78 1320             .3          81      0.60       3.2
18 07 78 1310             .3          73      1.10       1.9
29 08 78 1320             .3          78      2.40       3.1                  25      7.44
19 09 78 1300             .3          76      0.60       2.4                  24      7.49
16 10 78 1225             .3          75      1.30       2.6      10.5        24      7.19
20 11 78 1230             .3          72      1.50       2.6      11.5        21      6.89

                      MAXIMUM         82      2.40       4.2      11.5        25      7.49
           AVG OR GEOM MN (*)         75      1.16       2.6      11.0        24      7.25
                      MINIMUM         69      0.60       1.6      10.5        21      6.89

              NO OF SAMPLES           10        10        10         2         4         4


 B.O.W./ SITE: JACKSON CREEK                                                     STATION ID:  17-0021-038-02
 SAMPLE POINT: DALHOUSIE STREET PETERBOROUGH
 STATION TYPE: RIVER    FLOW GAUGE FED 02HJ001      MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                004
                                                    TERM STREAM: TRENT RIVER                                 1220

STN NO:    38    LAT:              LONG:            U T M: 17 0713750.0 4908325.0 4   REGION: 03     MILEAGE:   90.20

                                            934      901      444       80        81        84       805        3        1        33
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER    DISS.    5-DAY    TOTAL
DY MO YR LMT   DIST BRG DEPTH               NO                     COLIFORM  COLIFORM    ENTER.     TEMP.      02      BOD        P
               FEET      MTRS                                      MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L     MG/L     MG/L

12 01 78 1318             .3             36033  6          39.90    2900.     336.      580.        0.0     11.0      0.4    0.031
22 02 78 0915             .3             36122  6          17.30     440.       4.  L     4.        0.0      5.4      2.6    0.046
19 04 78 1545             .3             36239  6         161.00     410.      28.       10.        3.0     10.3      0.4    0.027
17 05 78 1620             .3             36306  6         175.00    3300.      50.      148.       13.0      9.7      0.8    0.037
27 06 78 1440             .3             36368  6           9.20                                   15.0      9.3      0.4    0.050
20 07 78 1620             .3             36443  6           2.90    2000.     242.      202.       24.0      8.3      1.0    0.197
29 08 78 1545             .3             36486  6           6.60    2800.     636.      600.  G    22.0      9.4      0.6    0.055
27 09 78 1605             .3             36566  6          21.90    3100.     200.      290.       15.2      9.9      0.6    0.067
25 10 78 0800             .3             36591  6 9         8.60    1600.      10.       90.        4.0     12.7      0.4    0.026
15 11 78 1645             .3             36668  6          18.90    4000.      72.      244.        5.0     12.6      0.6    0.024
13 12 78 0900             .3             36728  6          16.70    1100.      16.      168.        1.9     10.0      1.2    0.043

                      MAXIMUM                            175.00    4000.     636.      600.       24.0     12.7      2.6    0.197
           AVG OR GEOM MN (*)                             43.46    1714.*     61.* D   116.* U     9.4      9.9      0.8    0.055
                      MINIMUM                              2.90     410.       4.        4.        0.0      5.4      0.4    0.024

              NO OF SAMPLES                                  11       10        10        10        11       11       11       11
```

(C O N T D)

B.O.W./ SITE: JACKSON CREEK
SAMPLE POINT: DALHOUSIE STREET PETERBOROUGH
STATION TYPE: RIVER FLOW GAUGE FED 02HJ001
STATION ID: 17-0021-038-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02 004 1220

STN NO: 38 LAT: LONG: U T M: 17 0713750.0 4908325.0 4 REGION: 03 MILEAGE: 90.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78 1318			.3		0.018	0.168	0.670	0.008	0.262	0.438	0.502	0.940	344.0	3.5
22 02 78 0915			.3		0.040	0.174	0.830	0.007	0.330	0.511	0.656	1.167	342.0	1.3
19 04 78 1545			.3		0.007	0.008	0.460	0.003	0.075	0.086	0.452	0.538	228.0	3.8
17 05 78 1620			.3		0.015	0.004	0.720	0.003	0.020	0.027	0.716	0.743	242.0	4.9
27 06 78 1440			.3		0.005	0.219	0.650	0.012	0.080	0.311	0.431	0.742	149.0	3.0
20 07 78 1620			.3		0.130	0.090	0.700	0.028	0.647	0.765	0.610	1.375	309.0	3.9
29 08 78 1545			.3		0.012	0.028	0.710	0.004	0.190	0.222	0.682	0.904	246.0	11.0
27 09 78 1605			.3		0.026	0.004	0.820	0.003	0.065	0.072	0.816	0.888	280.0	9.9
25 10 78 0800			.3		0.012	0.006	0.600	0.004	0.170	0.180	0.594	0.774	304.0	0.7
15 11 78 1645			.3		0.007	0.004	0.580	0.006	0.109	0.119	0.576	0.695	315.0	2.0
13 12 78 0900			.3		0.017	0.110	0.750	0.014	0.341	0.465	0.640	1.105	436.0	6.0
MAXIMUM					0.130	0.219	0.830	0.028	0.647	0.765	0.816	1.375	436.0	11.0
AVG OR GEOM MN (*)					0.026	0.074	0.681	0.008	0.208	0.291	0.607	0.897	290.5	4.5
MINIMUM					0.005	0.004	0.460	0.003	0.020	0.027	0.431	0.538	149.0	0.7
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1318			.3		340		540	2.00	22.0
22 02 78 0915			.3		341		525	1.50	16.5
19 04 78 1545			.3			224	345	1.30	8.5
17 05 78 1620			.3			237	365	1.70	10.5
27 06 78 1440			.3			146	225	1.60	6.6
20 07 78 1620			.3		305		445	1.30	41.5
29 08 78 1545			.3			235	360	2.10	19.0
27 09 78 1605			.3			270	415	1.50	9.3
25 10 78 0800			.3		303		495	0.90	19.0
15 11 78 1645			.3		313		485	1.70	19.5
13 12 78 0900			.3		430		680	4.20	70.0
MAXIMUM					430	270	680	4.20	70.0
AVG OR GEOM MN (*)					339	222	444	1.80	22.0
MINIMUM					303	146	225	0.90	6.6
NO OF SAMPLES					6	5	11	11	11

B.O.W./ SITE: NONQUON RIVER
SAMPLE POINT: AT COUNTY ROAD NO 2 SEAGRAVE
STATION TYPE: RIVER
STATION ID: 17-0021-040-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02 004 1220

STN NO: 40 LAT: LONG: U T M: 17 0663850.0 4895950.0 4 REGION: 03 MILEAGE: 180.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1245			.3		36058	4	160.	20.	8.	0.0	6.0	0.8	0.038	0.010
16 02 78 1300			.3		36086	4	230.	36.	44.	0.0	6.0	1.8	0.220	0.034
13 04 78 1130			.3		36191	3 6	100.	24.	76.	2.8		0.5	0.025	0.005
09 05 78 1030			.3		35016	6 3	116.	16.	12.	12.1	10.4	0.8	0.031	0.004
14 06 78 1015			.3		35072	6	1040.	100.	248.	14.0	10.8	1.0	0.062	0.023
11 07 78 1040			.3		35111	8	40.	16.	8.	21.0	7.4	1.4	0.080	0.011
22 08 78 1030			.3		35174	8	170.	30.	28.	21.9	10.4	0.4	0.720	0.016
27 09 78 0945			.3		35230	6	500.	48.	44.	13.8	7.5	0.2	0.017	0.012
23 10 78 1000			.3		35270	6	2100.	128.	196.	10.1	7.7	0.2	0.040	0.004
15 11 78 1050			.3		35326	6	400.	270.	860.	6.0	9.8	0.6	0.023	0.004
05 12 78 1110			.3		35351	4	900.	330.	250.	1.9	8.8	0.8	0.019	0.006
MAXIMUM							2100.	330.	860.	21.9	10.8	1.8	0.720	0.034
AVG OR GEOM MN (*)							288.*	52.*	59.*	9.4	8.5	0.8	0.116	0.012
MINIMUM							40.	16.	8.	0.0	6.0	0.2	0.017	0.004
NO OF SAMPLES							11	11	11	11	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1245			.3		0.118	0.600	0.019	0.186	0.323	0.482	0.805	369.0	4.2	365
16 02 78 1300			.3		0.184	2.100	0.008	0.102	0.294	1.916	2.210	457.0	89.0	368
13 04 78 1130			.3		0.028	0.490	0.012	1.040	1.080	0.462	1.542	216.0	7.8	
09 05 78 1030			.3		0.024	0.620	0.005	0.090	0.119	0.596	0.715	288.0	7.9	280
14 06 78 1015			.3		0.038	0.860	0.014	0.490	0.542	0.822	1.364	287.0	6.5	280
11 07 78 1040			.3		0.030	1.010	0.003	0.017	0.050	0.980	1.030	277.0	14.0	
22 08 78 1030			.3		0.047	0.720	0.009	0.046	0.102	0.673	0.775	271.0	14.0	
27 09 78 0945			.3		0.006	0.820	0.004	0.010	0.020	0.814	0.834	298.0	6.4	292
23 10 78 1000			.3		0.004	0.700	0.003	0.010	0.017	0.696	0.713	334.0	6.6	327
15 11 78 1050			.3		0.002	0.550	0.005	0.195	0.202	0.548	0.750	269.0	4.0	265
05 12 78 1110			.3		0.485	1.140	0.012	0.323	0.820	0.655	1.475	391.0	2.0	389
MAXIMUM					0.485	2.100	0.019	1.040	1.080	1.916	2.210	457.0	89.0	389
AVG OR GEOM MN (*)					0.088	0.874	0.009	0.228	0.324	0.786	1.110	314.3	14.8	321
MINIMUM					0.002	0.490	0.003	0.010	0.017	0.462	0.713	216.0	2.0	265
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	8

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
18 01 78 1245			.3			570	2.40	23.5
16 02 78 1300			.3			585	36.00	25.5
13 04 78 1130			.3		208	320	3.40	9.6
09 05 78 1030			.3			440	3.60	16.5
14 06 78 1015			.3			430	4.20	15.0
11 07 78 1040			.3		263	405	7.60	13.0
22 08 78 1030			.3		257	395	4.80	9.4
27 09 78 0945			.3			450	3.60	13.0
23 10 78 1000			.3			515	4.00	15.5
15 11 78 1050			.3			540	3.10	15.5
05 12 78 1110			.3			620	2.60	31.5
MAXIMUM					263	620	36.00	31.5
AVG OR GEOM MN (*)					243	479	6.85	17.1
MINIMUM					208	320	2.40	9.4
NO OF SAMPLES					3	11	11	11

B.O.W./ SITE: SCUGOG RIVER
SAMPLE POINT: DOWNSTREAM FROM LINDSAY LAGOONS
STATION TYPE: RIVER

STATION ID: 17-0021-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 41 LAT: LONG: U T M: 17 0678960.0 4918125.0 4 REGION: 03 MILEAGE: 152.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1130			.3		38250		2100.	224.	116.	0.0	9.8	0.4	0.046	0.001
15 03 78 0930			.3		38252	4	4200.	500.	372.	0.5	12.0	3.4	0.035	0.011
10 05 78 1400			.3		38254		240.	10. L	10.			2.0	0.054	0.001L
13 06 78 1030			.3		38256		40.	4.	20.	19.0	8.0	3.4	0.108	0.001
02 08 78 0945			.3		38258		20.	4. L	4. L			4.4	0.116	0.002
04 10 78 0950			.3		38260		2100.	52.	64.	14.0	7.7	2.4	0.084	0.001
08 11 78 0920			.3		38262		7900.	124.	24.	7.0	9.4	1.8	0.172	0.005
13 12 78 1230			.3		38264		900.	4.	8.	0.5	9.8	3.2	0.038	0.004
MAXIMUM							7900.	500.	372.	19.0	12.0	4.4	0.172	0.011
AVG OR GEOM MN (*)							632.*	29.* D	28.* D	6.8	9.5	2.6	0.082	0.003D
MINIMUM							20.	4.	4.	0.0	7.7	0.4	0.035	0.001
NO OF SAMPLES							8	8	8	6	6	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
10 01 78 1130			.3		0.326	1.170	0.005	0.620	0.951	0.844	1.795	300.0	9.9	290
15 03 78 0930			.3		0.550	1.370	0.008	1.440	1.998	0.820	2.818	166.0	11.0	
10 05 78 1400			.3		0.084	0.880	0.011	0.405	0.500	0.796	1.296	246.0	18.0	
13 06 78 1030			.3		0.192	1.540	0.017	0.135	0.344	1.348	1.692	293.0	26.0	
02 08 78 0945			.3		0.022	1.420	0.002	0.005L	0.029	1.398	1.427	284.0	22.0	
04 10 78 0950			.3		0.266	1.620	0.007	0.075	0.368	1.334	1.702	217.0	25.0	262
08 11 78 0920			.3		1.160	2.400	0.033	0.437	1.630	1.240	2.870	334.0	11.0	323
13 12 78 1230			.3		0.380	1.740	0.006	0.539	0.925	1.360	2.285	300.0	8.0	292
MAXIMUM					1.160	2.400	0.033	1.440	1.998	1.398	2.870	334.0	26.0	323
AVG OR GEOM MN (*)					0.375	1.518	0.011	0.457D	0.843	1.143	1.986	267.5	16.4	292
MINIMUM					0.022	0.880	0.002	0.005	0.029	0.796	1.296	166.0	8.0	262
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1130			.3			459	7.20	17.5
15 03 78 0930			.3		155	238	4.20	11.0
10 05 78 1400			.3		228	350	6.40	12.5
13 06 78 1030			.3		267	410	11.00	18.5
02 08 78 0945			.3			405	10.00	22.5
04 10 78 0950			.3		192	295	9.40	17.0
08 11 78 0920			.3			540	4.80	42.0
13 12 78 1230			.3			435	4.10	19.5
MAXIMUM					267	540	11.00	42.0
AVG OR GEOM MN (*)					211	392	7.14	20.1
MINIMUM					155	238	4.10	11.0
NO OF SAMPLES					4	8	8	8

```
 B.O.W./ SITE: SCUGOG RIVER                                                                     STATION ID:  17-0021-042-02
 SAMPLE POINT: HIGHWAY 7 B LINDSAY
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                       004
                                                            TERM STREAM: TRENT RIVER                                        1220

STN NO:     42     LAT:                 LONG:              U T M: 17 0681050.0 4912150.0 4     REGION: 03           MILEAGE:  156.60

                                      934       901        80         81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL      FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                          MF/100ML   MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

10 01 78 1010              .3       38251              110.        8.        6.        0.0      10.0        0.2      0.030      0.001L
15 03 78 1000              .3       38253    4         100.       16.       48.        0.5       6.0        0.8      0.022      0.001L
10 05 78 1500              .3       38255               72.        4.       12.                             1.8      0.026      0.001
13 06 78 1000              .3       38257             2700.      458.      168.       20.0       7.2        2.6      0.092      0.004
02 08 78 1015              .3       38259              100.       64.       44.                             2.0      0.070      0.001
04 10 78 1020              .3       38261              130.       24.       60.       15.0       7.6        1.6      0.056      0.001L
08 11 78 1000              .3       38263             3400.        4.  L    12.        5.0      10.6        0.6      0.028      0.002
13 12 78 1300              .3       38265               48.        4.  L     8.        0.5      11.2        1.4      0.025      0.003

                      MAXIMUM                         3400.      458.      168.       20.0      11.2        2.6      0.092      0.004
           AVG OR GEOM MN (*)                          215.*      17.* D    25.*       6.8       8.8        1.4      0.044      0.002D
                      MINIMUM                           48.        4.        6.        0.0       6.0        0.2      0.022      0.001

                NO OF SAMPLES                             8         8         8          6         6          8          8          8

                                         19         20        21        22        17        18         23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL    TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS          MG/L       MG/L  MG/L      MG/L          MG/L      MG/L       MG/L      MG/L      MG/L      MG/L

10 01 78 1010              .3       0.146      0.860    0.006     0.664     0.816     0.714      1.530     271.0       4.5       267
15 03 78 1000              .3       0.264      1.080    0.006     0.629     0.899     0.816      1.715     341.0       8.7       332
10 05 78 1500              .3       0.026      0.660    0.009     0.445     0.480     0.634      1.114     234.0       6.5
13 06 78 1000              .3       0.100      1.140    0.008     0.110     0.218     1.040      1.258     284.0      40.0
02 08 78 1015              .3       0.006      1.160    0.002     0.005L    0.013     1.154      1.167     251.0      20.0
04 10 78 1020              .3       0.076      1.020    0.003     0.035     0.114     0.944      1.058     208.0      23.0
08 11 78 1000              .3       0.039      0.740    0.009     0.431     0.479     0.701      1.180     298.0       7.0       291
13 12 78 1300              .3       0.044      0.950    0.004     0.381     0.429     0.906      1.335     254.0      10.0

                      MAXIMUM       0.264      1.160    0.009     0.664     0.899     1.154      1.715     341.0      40.0       332
           AVG OR GEOM MN (*)       0.088      0.951    0.006     0.338D    0.431     0.864      1.295     267.6      15.0       297
                      MINIMUM       0.006      0.660    0.002     0.005     0.013     0.634      1.058     208.0       4.5       267

                NO OF SAMPLES           8          8        8         8         8         8          8         8         8         3

                                        107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ   CALCUL        COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      D-SOLIDS        25C  FORMAZIN      MG/L
               FEET      MTRS      MG/L          UMHOS     UNITS

10 01 78 1010              .3                   454      4.10      15.5
15 03 78 1000              .3                   530      4.20      20.0
10 05 78 1500              .3         228       350      3.30      10.5
13 06 78 1000              .3         244       375     30.00      12.0
02 08 78 1015              .3         231       350      7.90      11.5
04 10 78 1020              .3         185       285      8.70      12.5
08 11 78 1000              .3                   455      3.60      15.0
13 12 78 1300              .3         244       375      4.40      18.0



                      MAXIMUM         244       530     30.00      20.0
           AVG OR GEOM MN (*)         226       397      8.28      14.4
                      MINIMUM         185       285      3.30      10.5

                NO OF SAMPLES           5         8         8         8


 B.O.W./ SITE: GULL RIVER                                                                       STATION ID:  17-0021-043-02
 SAMPLE POINT: 1.3 MILES DOWNSTREAM FROM MINDEN
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                       004
                                                            TERM STREAM: TRENT RIVER                                        1220

STN NO:     43     LAT:                 LONG:              U T M: 17 0677700.0 4975150.0 4     REGION: 03           MILEAGE:  187.60

                                      934       901        80         81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL      FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM   COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                          MF/100ML   MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

17 01 78 1145              .3       30103    6           4.        2.  L     2.  L     0.5      12.4        0.2      0.005      0.001L
28 03 78 1045              .3       30110    6           4.  L     2.  L     2.  L     1.0      11.0        1.0      0.027      0.001L
17 04 78 1045              .3       30117    6          76.        2.  L     4.        4.0      11.6        0.2      0.040      0.002
23 05 78 1050              .3       30124    6          16.        2.  L     4.       14.0       9.4        0.4      0.011      0.001L
20 06 78 1115              .3       30131    8                                        19.0       8.2        0.2      0.005      0.001
18 07 78 1105              .3       30138    8           4.        2.  L     2.       23.0       7.8        0.2      0.008      0.001
29 08 78 1050              .3       30145    8          60.        4.       16.       21.5       7.6        0.2      0.010      0.001L
19 09 78 1050              .3       30152    3 9 8     100.  L     2.  L     2.  L    16.0       7.8        0.4      0.006      0.001
16 10 78 1100              .3       30159    3 8                                      10.5       9.8        0.2      0.005      0.001
20 11 78 1100              .3       30166    6           4.  L     2.  L     2.  L     5.5      12.7        0.6      0.006      0.001L

                      MAXIMUM                          100.        4.       16.       23.0      12.7        1.0      0.040      0.002
           AVG OR GEOM MN (*)                           14.* D     2.* D     3.* D    11.5       9.8        0.4      0.012      0.001D
                      MINIMUM                            4.        2.        2.        0.5       7.6        0.2      0.005      0.001

                NO OF SAMPLES                             8         8         8         10        10         10         10         10

                                         19         20        21        22        17        18         23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL    TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS          MG/L       MG/L  MG/L      MG/L          MG/L      MG/L       MG/L      MG/L      MG/L  MG/L

17 01 78 1145              .3       0.012      0.200    0.001     0.119     0.132     0.188      0.320      41.0       1.7        39
28 03 78 1045              .3       0.024      0.240    0.002     0.213     0.239     0.216      0.455      61.0      18.0        43
17 04 78 1045              .3       0.024      0.310    0.002     0.240     0.266     0.286      0.552      55.0       5.9        49
23 05 78 1050              .3       0.014      0.260    0.003     0.110     0.127     0.246      0.373      50.0       2.5        47
20 06 78 1115              .3       0.010      0.270    0.003     0.080     0.093     0.260      0.353      42.0       0.6        41
18 07 78 1105              .3       0.010      0.320    0.002     0.005L    0.017     0.310      0.327      40.0       1.6        38
29 08 78 1050              .3       0.020      0.280    0.002     0.020     0.042     0.260      0.302      37.0       1.1        36
19 09 78 1050              .3       0.006      0.240    0.002     0.025     0.033     0.234      0.267      38.0       1.0        37
16 10 78 1100              .3       0.006      0.250    0.002     0.040     0.048     0.244      0.292      37.0       1.2        36
20 11 78 1100              .3       0.009      0.220    0.001     0.079     0.089     0.211      0.300      38.0       0.9        37

                      MAXIMUM       0.024      0.320    0.003     0.240     0.266     0.310      0.552      61.0      18.0        49
           AVG OR GEOM MN (*)       0.014      0.259    0.002     0.093D    0.109     0.246      0.354      43.9       3.5        40
                      MINIMUM       0.006      0.200    0.001     0.005     0.017     0.188      0.267      37.0       0.6        36

                NO OF SAMPLES          10         10       10        10        10        10         10        10        10        10
```

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1145			.3		60	0.65	1.6			
28 03 78 1045			.3		66	1.30	2.0			
17 04 78 1045			.3		75	1.30	2.0			
23 05 78 1050			.3		72	1.00	1.7			
20 06 78 1115			.3		63	0.70	1.7			
18 07 78 1105			.3		58	0.50	1.6			
29 08 78 1050			.3		56	0.55	1.7		14	7.44
19 09 78 1050			.3		57	0.90	1.7		14	7.34
16 10 78 1100			.3		56	1.00	1.7	10.0	17	7.16
20 11 78 1100			.3		57	1.10	1.6	10.0	15	6.96
MAXIMUM					75	1.30	2.0	10.0	17	7.44
AVG OR GEOM MN (*)					62	0.90	1.7	10.0	15	7.23
MINIMUM					56	0.50	1.6	10.0	14	6.96
NO OF SAMPLES					10	10	10	2	4	4

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: AT HIGHWAY NO 35 1 MILE UPSTREAM FROM MINDEN
STATION TYPE: RIVER

STATION ID: 17-0021-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 44 LAT: LONG: U T M: 17 0680400.0 4978825.0 4 REGION: 03 MILEAGE: 191.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1050			.3		30102	6	4. L	2. L	2. L	0.0	10.0	0.2	0.002	0.001L
28 03 78 1010			.3		30109	6	28.	2. L	2. L	2.0	8.0	0.2	0.002	0.001L
17 04 78 1030			.3		30116	6	12.	2. L	2. L	3.0	11.8	0.2	0.006	0.001L
23 05 78 1030			.3		30123	6	48.	2. L	2. L	13.0	9.8	0.4	0.013	0.001L
20 06 78 1050			.3		30130	6				18.5	8.0	0.2	0.008	0.001
18 07 78 1050			.3		30137	6	4. L	2. L	2. L	22.0	7.8	0.2	0.005	0.001
29 08 78 1035			.3		30144	6	60.	16.	24.	21.5	7.2	0.4	0.012	0.001
19 09 78 1035			.3		30151	6 3	4.	2. L	2. L	16.0	8.2	0.4	0.009	0.002
16 10 78 1040			.3		30158	3 6				11.0	9.6	0.2	0.003	0.002
20 11 78 1045			.3		30165	6	4. L	2. L	2. L	5.5	12.4	0.4	0.007	0.001L
MAXIMUM							60.	16.	24.	22.0	12.4	0.4	0.013	0.002
AVG OR GEOM MN (*)							11.* D	3.* D	3.* D	11.3	9.3	0.3	0.007	0.001D
MINIMUM							4.	2.	2.	0.0	7.2	0.2	0.002	0.001
NO OF SAMPLES							8	8	8	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
17 01 78 1050			.3		0.008	0.180	0.001	0.114	0.123	0.172	0.295	39.0	0.6	38
28 03 78 1010			.3		0.006	0.200	0.001	0.189	0.196	0.194	0.390	42.0	4.2	38
17 04 78 1030			.3		0.010	0.260	0.002	0.230	0.242	0.250	0.492	48.0	1.0	47
23 05 78 1030			.3		0.014	0.260	0.003	0.115	0.132	0.246	0.378	50.0	2.8	47
20 06 78 1050			.3		0.044	0.680	0.002	0.095	0.141	0.636	0.777	41.0	0.8	40
18 07 78 1050			.3		0.012	0.240	0.002	0.005L	0.019	0.228	0.247	39.0	1.2	38
29 08 78 1035			.3		0.022	0.290	0.002	0.020	0.044	0.268	0.312	37.0	1.3	36
19 09 78 1035			.3		0.014	0.240	0.002	0.025	0.041	0.226	0.267	36.0	0.5	36
16 10 78 1040			.3		0.009	0.200	0.002	0.040	0.051	0.191	0.242	39.0	0.9	38
20 11 78 1045			.3		0.012	0.230	0.001	0.074	0.087	0.218	0.305	38.0	0.7	37
MAXIMUM					0.044	0.680	0.003	0.230	0.242	0.636	0.777	50.0	4.2	47
AVG OR GEOM MN (*)					0.015	0.278	0.002	0.0910	0.108	0.263	0.371	40.9	1.4	40
MINIMUM					0.006	0.180	0.001	0.005	0.019	0.172	0.242	36.0	0.5	36
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
17 01 78 1050			.3		59	0.50	1.5			
28 03 78 1010			.3		58	0.65	1.5			
17 04 78 1030			.3		72	0.80	1.7			
23 05 78 1030			.3		72	1.00	1.6			
20 06 78 1050			.3		62	0.50	1.6			
18 07 78 1050			.3		59	0.40	1.6			
29 08 78 1035			.3		55	0.60	1.6		13	7.34
19 09 78 1035			.3		56	0.60	1.6		14	7.09
16 10 78 1040			.3		58	1.00	1.6	10.5	16	7.21
20 11 78 1045			.3		57	1.00	1.5	10.5	15	7.03
MAXIMUM					72	1.00	1.7	10.5	16	7.34
AVG OR GEOM MN (*)					61	0.71	1.6	10.5	15	7.17
MINIMUM					55	0.40	1.5	10.5	13	7.03
NO OF SAMPLES					10	10	10	2	4	4

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: HIGHWAY 401 BRIDGE NEAR TRENTON.
STATION TYPE: RIVER FLOW GAUGE FED 02HK004

STATION ID: 17-0021-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 45 LAT: LONG: U T M: 18 0292540.0 4889100.0 4 REGION: 04 MILEAGE: 2.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
25 01 78	1200			.3		26300	4	8090.00	1800.	4. L	4. L			0.5L	0.022
21 02 78	0930			.3		26304	6 4	4730.00	28.	12.	4. L	0.0		1.2	0.018
11 04 78	1330			.3		26311	3	16200.00	160.	24.	24.	2.0		1.0	0.034
16 05 78	1200			.3		26314	6	13200.00	300.	34.	12.			1.0	0.046
20 06 78	1035			.3		26319	6	1360.00	3100.	4. L	8.	19.5	9.0	0.5	0.040
29 08 78	1005			.3		26329	6	1360.00				20.0	8.5	1.3	0.048
18 10 78	0940			.3		26334	6	3220.00	3500.	4. L	8.	8.0	12.0	0.5	0.032
MAXIMUM								16200.00	3500.	34.	24.	20.0	12.0	1.3	0.048
AVG OR GEOM MN (*)								6880.00	545.*	9.* D	8.* D	9.9	9.8	0.9D	0.034
MINIMUM								1360.00	28.	4.	4.	0.0	8.5	0.5	0.018
NO OF SAMPLES								7	6	6	6	5	3	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
25 01 78	1200			.3		0.006	0.040	0.280	0.034	0.010	0.084	0.240	0.324		15.0L
21 02 78	0930			.3		0.008	0.040	0.290	0.056	0.220	0.316	0.250	0.566	200.0	3.0
11 04 78	1330			.3		0.012	0.060	0.470	0.038	0.440	0.538	0.410	0.948	180.0	7.0
16 05 78	1200			.3		0.004	0.030	0.690	0.006	0.090	0.126	0.660	0.786	130.0	2.0
20 06 78	1035			.3		0.010	0.050	0.670	0.006	0.030	0.086	0.620	0.706		5.0
29 08 78	1005			.3		0.010	0.170	0.730				0.560	0.08		8.0
18 10 78	0940			.3		0.004	0.030	0.550	0.006	0.020L	0.056	0.520	0.576		5.0
MAXIMUM						0.012	0.170	0.730	0.056	0.440	0.538	0.660	0.948	200.0	15.0
AVG OR GEOM MN (*)						0.008	0.060	0.526	0.024	0.135D	0.201	0.466	0.569	170.0	6.4D
MINIMUM						0.004	0.030	0.280	0.006	0.010	0.056	0.240	0.08	130.0	2.0
NO OF SAMPLES						7	7	7	6	6	6	7	7	3	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 01 78	1200			.3			175	270	1.40	9.0
21 02 78	0930			.3		197	175	270	1.00	8.5
11 04 78	1330			.3		173		295	2.50	8.0
16 05 78	1200			.3		128	163	250	4.00	6.0
20 06 78	1035			.3			169	260	2.50	6.5
29 08 78	1005			.3			156	240	3.60	7.5
18 10 78	0940			.3			153	235	3.30	7.3
MAXIMUM						197	175	295	4.00	9.0
AVG OR GEOM MN (*)						166	165	260	2.61	7.5
MINIMUM						128	153	235	1.00	6.0
NO OF SAMPLES						3	6	7	7	7

B.O.W./ SITE: COLD CREEK.
SAMPLE POINT: HIGHWAY 33 BRIDGE IN FRANKFORD
STATION TYPE: RIVER FLOW GAUGE MOE 02HK108

STATION ID: 17-0021-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 46 LAT: LONG: U T M: 18 0292500.0 4897250.0 4 REGION: 04 MILEAGE: 7.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
25 01 78	1200			.3		26301	4	100.	4. L	4. L			0.5L	0.028	0.014
21 02 78	0940			.3		26305	6 4	32.	12.	12.	0.0		0.9	0.030	0.014
11 04 78	1325			.3		26310	3	20.	8.	8.	1.0		0.5L	0.032	0.016
16 05 78	1200			.3		26315	6	300.	134.	52.			1.0	0.030	0.010
20 06 78	1120			.3		26320	6	300.	68.	36.	19.5	11.0	0.5	0.046	0.012
29 08 78	1045			.3		26330	6				19.5	9.0	0.6	0.036	0.010
18 10 78	0955			.3		26335	6	10. L	4.	4.	5.0	12.0	0.2	0.026	0.004
MAXIMUM								300.	134.	52.	19.5	12.0	1.0	0.046	0.016
AVG OR GEOM MN (*)								62.* D	16.* D	12.* D	9.0	10.7	0.6D	0 033	0.011
MINIMUM								10.	4.	4.	0.0	9.0	0.2	0.026	0.004
NO OF SAMPLES								6	6	6	5	3	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
25 01 78	1200			.3		0.030	0.210	0.024	0.620	0.674	0.180	0.854	304.0	15.0L	
21 02 78	0940			.3		0.020	0.160	0.044	0.680	0.744	0.140	0.884	310.0	9.0	301
11 04 78	1325			.3		0.040	0.320	0.014	0.680	0.734	0.280	1.014	200.0	5.0	195
16 05 78	1200			.3		0.050	0.480	0.008	0.130	0.188	0.430	0.618	230.0	2.0	228
20 06 78	1120			.3		0.030	0.580	0.008	0.050	0.088	0.550	0.638		11.0	
29 08 78	1045			.3		0.030	0.460				0.430	0.18		8.0	
18 10 78	0955			.3		0.020	0.310	0.004	0.060	0.084	0.290	0.374		5.0L	
MAXIMUM						0.050	0.580	0.044	0.680	0.744	0.550	1.014	310.0	15.0	301
AVG OR GEOM MN (*)						0.031	0.360	0.017	0.370	0.419	0.329	0.652	261.0	7.9D	241
MINIMUM						0.020	0.160	0.004	0.050	0.084	0.140	0.18	200.0	2.0	195
NO OF SAMPLES						7	7	6	6	6	7	7	4	7	3

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 01 78	1200			.3		286	440	2.00	8.0
21 02 78	0940			.3		290	445	2.80	9.0
11 04 78	1325			.3			320	2.80	5.0
16 05 78	1200			.3		244	375	6.00	6.5
20 06 78	1120			.3		254	390	4.60	7.0
29 08 78	1045			.3		260	400	2.30	6.8
18 10 78	0955			.3		263	435	1.90	9.0
MAXIMUM						290	445	6.00	9.0
AVG OR GEOM MN (*)						270	401	3.20	7.3
MINIMUM						244	320	1.90	5.0
NO OF SAMPLES						6	7	7	7

B.O.W./ SITE: RAWDON CREEK
SAMPLE POINT: AT HIGHWAY NO 33 1 MILE SOUTH OF STIRLING
STATION TYPE: RIVER FLOW GAUGE MOE 02HK105
STATION ID: 17-0021-047-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220
STN NO: 47 LAT: LONG: U T M: 18 0296250.0 4906650.0 4 REGION: 04 MILEAGE: 15.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
25 01 78	1200			.3		26302	4	720.	4. L	12.			0.5L	0.026	0.016
21 02 78	1000			.3		26306	6 4	28.	4.	12.	0.0		0.9	0.024	0.012
11 04 78	1255			.3		26309	3	1900.	400.	236.	2.0		0.5L	0.036	0.016
16 05 78	1200			.3		26316	6	600.	118.	42.			1.0	0.024	0.008
20 06 78	1145			.3		26321	6	500.	72.	4.	20.0	12.0	0.5	0.042	0.010
29 08 78	1145			.3		26331	8				19.5	7.0	2.7	0.028	0.010
18 10 78	1010			.3		26336	6	110.	4.	8.	5.0	11.0	0.3	0.022	0.004
MAXIMUM								1900.	480.	236.	20.0	12.0	2.7	0.042	0.016
AVG OR GEOM MN (*)								329.*	25.* D	19.*	9.3	10.0	0.90	0.029	0.011
MINIMUM								28.	4.	4.	0.0	7.0	0.3	0.022	0.004
NO OF SAMPLES								6	6	6	5	3	7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
25 01 78	1200			.3		0.040	0.320	0.014	0.590	0.644	0.280	0.924	336.0	15.0L	
21 02 78	1000			.3		0.030	0.280	0.050	0.690	0.770	0.250	1.020	340.0	6.0	334
11 04 78	1255			.3		0.040	0.350	0.014	0.600	0.654	0.310	0.964	200.0	9.0	191
16 05 78	1200			.3		0.050	0.450	0.008	0.210	0.268	0.400	0.668	150.0	5.0L	
20 06 78	1145			.3		0.040	0.740	0.020	0.240	0.300	0.700	1.000		2.0	
29 08 78	1145			.3		0.040	0.480				0.440	0.28		5.0L	
18 10 78	1010			.3		0.030	0.520	0.008	0.070	0.108	0.490	0.598		5.0L	
MAXIMUM						0.050	0.740	0.050	0.690	0.770	0.700	1.020	340.0	15.0	334
AVG OR GEOM MN (*)						0.039	0.449	0.019	0.400	0.457	0.410	0.779	256.5	6.70	263
MINIMUM						0.030	0.280	0.008	0.070	0.108	0.250	0.28	150.0	2.0	191
NO OF SAMPLES						7	7	6	6	6	7	7	4	7	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 01 78	1200			.3		309	475	2.20	12.0
21 02 78	1000			.3		315	485	3.10	12.0
11 04 78	1255			.3			350	6.50	6.0
16 05 78	1200			.3		270	415	5.40	8.0
20 06 78	1145			.3		286	440	2.50	10.0
29 08 78	1145			.3		283	435	1.80	15.0
18 10 78	1010			.3		325	500	1.50	15.0
MAXIMUM						325	500	6.50	15.0
AVG OR GEOM MN (*)						298	443	3.29	11.1
MINIMUM						270	350	1.50	6.0
NO OF SAMPLES						6	7	7	7

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: CROWE BRIDGE NEAR HEALEY FALLS
STATION TYPE: RIVER
STATION ID: 17-0021-048-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220
STN NO: 48 LAT: LONG: U T M: 18 0277999.0 4917250.0 4 REGION: 03 MILEAGE: 36.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
25 01 78	1215			.3		26303	4	10.	4. L	4. L			0.5L	0.008	0.002
21 02 78	1100			.3		26307	6 4	4. L	4. L	4. L	0.0		1.0	0.022	0.004
11 04 78	1130			.3		26308	3	10. L	4. L	4.	2.0		1.0	0.014	0.006
16 05 78	1200			.3		26317	6	14.	2. L	2. L			0.5	0.010	0.004
20 06 78	1325			.3		26322	6	300.	4. L	4. L	20.0	9.0	0.5L	0.016	0.004
29 08 78	1300			.3		26332	6				21.0	8.0	0.5	0.018	0.002
18 10 78	1100			.3		26337	6	10. L	4. L	4. L	8.0	11.0	0.2L	0.016	0.004
MAXIMUM								300.	4.	4.	21.0	11.0	1.0	0.022	0.006
AVG OR GEOM MN (*)								16.* D	4.* D	4.* D	10.2	9.3	0.60	0.015	0.004
MINIMUM								4.	2.	2.	0.0	8.0	0.2	0.008	0.002
NO OF SAMPLES								6	6	6	5	3	7	7	7

(C O N T D)

STATION ID: 17-0021-048-02

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: CROWE BRIDGE NEAR HEALEY FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 48   LAT: LONG: U T M: 18 0277999.0 4917250.0 4   REGION: 03   MILEAGE: 38.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
25 01 78	1215			.3		0.040	0.270	0.006	0.070	0.116	0.230	0.346		15.0L	
21 02 78	1100			.3		0.030	0.260	0.022	0.060	0.112	0.230	0.342	150.0	1.0	149
11 04 78	1130			.3		0.030	0.300	0.008	0.160	0.198	0.270	0.468	150.0	1.0	149
16 05 78	1200			.3		0.050	0.370	0.004	0.040	0.094	0.320	0.414	70.0	5.0L	
20 06 78	1325			.3		0.040	0.640	0.004	0.020L	0.064	0.600	0.664		2.0	
29 08 78	1300			.3		0.030	0.800				0.770	0.02		5.0L	
18 10 78	1100			.3		0.030	0.230	0.002	0.020	0.052	0.200	0.252		5.0L	
MAXIMUM						0.050	0.800	0.022	0.160	0.198	0.770	0.664	150.0	15.0	149
AVG OR GEOM MN (*)						0.036	0.410	0.008	0.062D	0.106	0.374	0.358	123.3	4.9D	149
MINIMUM						0.030	0.230	0.002	0.020	0.052	0.200	0.02	70.0	1.0	149
NO OF SAMPLES						7	7	6	6	6	7	7	3	7	2

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 01 78	1215			.3		120	185	0.80	5.0
21 02 78	1100			.3		127	195	0.80	5.0
11 C4 78	1130			.3			200	1.50	4.0
16 05 78	1200			.3		100	155	1.60	2.5
20 06 78	1325			.3		114	175	1.50	5.8
29 08 78	1300			.3		114	175	0.94	3.3
18 10 78	1100			.3		114	175	1.20	3.5
MAXIMUM						127	200	1.60	5.8
AVG OR GEOM MN (*)						115	180	1.19	4.2
MINIMUM						100	155	0.80	2.5
NO OF SAMPLES						6	7	7	7

STATION ID: 17-0021-052-02

B.O.W./ SITE: MISSISSAUGA RIVER
SAMPLE POINT: HIGHWAY 36 1 MILE NORTH OF BUCKHORN
STATION TYPE: RIVER   FLOW GAUGE FED 02HH002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 52   LAT: LONG: U T M: 17 0711200.0 4937750.0 4   REGION: 03   MILEAGE: 122.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 02 78	1055			.3		36127	4	113.00	20.	4.	2. L	0.0	11.4	0.2	0.002
20 04 78	1005			.3		36244	6	360.00	28.	4.	2. L	0.0	11.7	0.5	0.005
18 05 78	1040			.3		36311	6	849.00	384.	2.	28.	7.5	10.0		
28 06 78	1105			.3		36376	6	77.70				14.2	7.6	0.2	0.006
18 07 78	1130			.3		36408	6	127.00	20.	2. L	4.	23.5	5.4	0.2	0.006
29 08 78	1445			.3		36466	6	128.00	84.	10.	2. L	19.0	9.0	0.2	0.013
28 09 78	1106			.3		36580	6	203.00	412.	4.	20.	12.8	10.1	0.2	0.006
25 10 78	1355			.3		36602	6	96.50	36.	4. L	72.	6.5	11.4	0.4	0.004
16 11 78	1140			.3		36674	6	99.10				5.8	12.9	0.2	0.009
12 12 78	1425			.3		36722	6	175.00	44.	4.	2.	0.0	11.5	0.8	0.005
MAXIMUM								849.00	412.	10.	72.	23.5	12.9	0.8	0.013
AVG OR GEOM MN (*)								222.83	63.*	4.* D	6.* D	8.9	10.1	0.3	0.006
MINIMUM								77.70	20.	2.	2.	0.0	5.4	0.2	0.002
NO OF SAMPLES								10	8	8	8	10	10	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 02 78	1055			.3		0.002	0.020	0.270	0.003	0.140	0.163	0.250	0.413	45.0	0.8
20 04 78	1005			.3		0.001L	0.010	0.260	0.003	0.125	0.138	0.250	0.388	48.0	1.0
28 06 78	1105			.3		0.001	0.016	0.290	0.003	0.080	0.099	0.274	0.373	37.0	1.2
18 07 78	1130			.3		0.001	0.014	0.300	0.002	0.058	0.074	0.286	0.360	38.0	1.7
29 08 78	1445			.3		0.001	0.012	0.290	0.002	0.050	0.064	0.278	0.342	36.0	1.0
28 09 78	1106			.3		0.001	0.016	0.280	0.002	0.105	0.123	0.264	0.387	40.0	1.1
25 10 78	1355			.3		0.001	0.006	0.280	0.002	0.105	0.113	0.274	0.387	114.0	0.4
16 11 78	1140			.3		0.001L	0.008	0.360	0.003	0.132	0.143	0.352	0.495	43.0	0.7
12 12 78	1425			.3		0.001	0.028	0.260	0.001	0.194	0.223	0.232	0.455	42.0	0.1
MAXIMUM						0.002	0.028	0.360	0.003	0.194	0.223	0.352	0.495	114.0	1.7
AVG OR GEOM MN (*)						0.001D	0.014	0.288	0.002	0.110	0.127	0.273	0.400	49.2	0.9
MINIMUM						0.001	0.006	0.260	0.001	0.050	0.064	0.232	0.342	36.0	0.1
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	9

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78	1055			.3		44	67	0.85	0.9
20 04 78	1005			.3		47	73	0.55	0.8
28 06 78	1105			.3		36	57	0.80	0.8
18 07 78	1130			.3		36	55	0.50	0.8
29 08 78	1445			.3		35	54	0.70	0.9
28 09 78	1106			.3		39	53	1.40	0.9
25 10 78	1355			.3		114	175	0.90	0.9
16 11 78	1140			.3		42	65	1.00	1.2
12 12 78	1425			.3		42	64	0.60	1.0
MAXIMUM						114	175	1.40	1.2
AVG OR GEOM MN (*)						48	74	0.81	0.9
MINIMUM						35	53	0.50	0.8
NO OF SAMPLES						9	9	9	9

B.O.W./ SITE: BALSAM LAKE OUTLET
SAMPLE POINT: AT ROSEDALE DAM
STATION TYPE: RIVER

STATION ID: 17-0021-054-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 54 LAT: LONG: U T M: 17 0675800.0 4937775.0 4 REGION: 03 MILEAGE: 159.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78	1300			.3		36132	6	8.	2. L	2.	0.0	10.0	0.2	0.004	0.004
20 04 78	1300			.3		36250	6	16.	2. L	2.	0.0	11.2	0.8	0.006	0.001L
18 05 78	1320			.3		36317	6	4. L	2. L	14.	9.8	10.4			
28 06 78	1400			.3		36382	6	180.	2.	22.	14.5	8.5	0.4	0.011	0.001
18 07 78	1445			.3		36414	6	20.	2. L	2. L	24.2	6.4	0.2	0.057	0.021
29 08 78	1145			.3		36460	6	84.	2. L	2.	21.0	6.8	0.8	0.014	0.002
28 09 78	1430			.3		36575	6	560.	4. L	4.	14.0	10.2	0.2	0.003	0.001
24 10 78	1320			.3		36587	6	10.	2. L	2. L	6.5	11.7	0.2	0.012	0.001
16 11 78	1500			.3		36680	6				5.8	12.6	0.4	0.021	0.001L
12 12 78	1205			.3		36717	6	4. L	2. L	2. L	1.0	11.1	0.5	0.005	0.001
MAXIMUM								560.	4.	22.	24.2	12.6	0.8	0.057	0.021
AVG OR GEOM MN (*)								25.* D	2.* D	4.* D	9.7	9.9	0.4	0.015	0.004D
MINIMUM								4.	2.	2.	0.0	6.4	0.2	0.003	0.001
NO OF SAMPLES								9	9	9	10	10	9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 02 78	1300			.3		0.034	0.240	0.003	0.335	0.372	0.206	0.578	71.0	0.4	71
20 04 78	1300			.3		0.040	0.400	0.003	0.215	0.258	0.360	0.618	71.0	1.2	70
28 06 78	1400			.3		0.010	0.300	0.002	0.005	0.017	0.290	0.307	92.0	1.4	91
18 07 78	1445			.3		0.002L	0.370	0.001	0.005L	0.008	0.368	0.376	89.0	3.2	86
29 08 78	1145			.3		0.020	0.300	0.001	0.005	0.026	0.280	0.306			
28 09 78	1430			.3		0.008	0.210	0.001	0.010	0.019	0.202	0.221	44.0	0.4	44
24 10 78	1320			.3		0.006	0.260	0.001	0.005	0.012	0.254	0.266	77.0	1.6	75
16 11 78	1500			.3		0.010	0.290	0.002	0.058	0.070	0.280	0.350	62.0	14.0	48
12 12 78	1205			.3		0.022	0.250	0.001	0.039	0.062	0.228	0.290	73.0	0.2	73
MAXIMUM						0.040	0.400	0.003	0.335	0.372	0.368	0.618	92.0	14.0	91
AVG OR GEOM MN (*)						0.017D	0.291	0.002	0.075D	0.094	0.274	0.368	72.4	2.8	70
MINIMUM						0.002	0.210	0.001	0.005	0.008	0.202	0.221	44.0	0.2	44
NO OF SAMPLES						9	9	9	9	9	9	9	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 02 78	1300			.3		109	1.00	2.9				
20 04 78	1300			.3		108	0.95	2.7				
28 06 78	1400			.3		140	1.30	2.8				
18 07 78	1445			.3		132	1.60	3.0				
29 08 78	1145			.3		128	0.50	2.8		0.7	51	0.72
28 09 78	1430			.3		67	0.90	2.0			18	7.74
24 10 78	1320			.3		115	1.40	2.7	13.0		42	7.62
16 11 78	1500			.3		74	1.70	2.3	11.0		21	7.40
12 12 78	1205			.3		112	0.70	2.5				
MAXIMUM						140	1.70	3.0	13.0	0.7	51	7.74
AVG OR GEOM MN (*)						109	1.12	2.6	12.0	0.7	33	5.87
MINIMUM						67	0.50	2.0	11.0	0.7	18	0.72
NO OF SAMPLES						9	9	9	2	1	4	4

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT HEALEY FALLS DAM
STATION TYPE: RIVER FLOW GAUGE FED 02HK002

STATION ID: 17-0021-057-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 57 LAT: LONG: U T M: 18 0277995.0 4917250.0 4 REGION: 03 MILEAGE: 39.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 01 78 1000			.3		36024	4	5170.00	130.	24.	8.	0.0	13.6	0.8	0.018
19 01 78 0920			.3		36226	6	10100.00	32.	2.	10.	0.5	11.5	0.4	0.026
17 05 78 1000			.3		36293	6	10700.00	72.	4.	2.	10.5	10.7	1.0	0.036
27 06 78 0910			.3		36355	6	763.00	12.	2. L	2. L	14.8	8.5	0.8	0.025
20 07 78 0900			.3		36428	6	448.00	4. L	2. L	2. L	24.0	7.4	1.5	0.034
30 08 78 1000			.3		36471	6	1470.00	4. L	2. L	2. L	22.0	8.7	2.4	0.045
27 09 78 0930			.3		36551	6	1490.00	4. L	2. L	2. L	15.8	9.0	2.0	0.040
26 10 78 1220			.3		36613	6	2280.00	60.	2. L	2.	7.2	10.8	1.4	0.034
15 11 78 0930			.3		36653	6	2600.00	16.	2. L	2.	6.9	11.0	0.6	0.020
13 12 78 1345			.3		36743	6	2970.00	4. L	2. L	2. L	0.0	9.4	0.8	0.012
MAXIMUM							10700.00	130.	24.	10.	24.0	13.6	2.4	0.045
AVG OR GEOM MN (*)							3799.10	16.* D	3.* D	3.* D	10.2	10.1	1.2	0.029
MINIMUM							448.00	4.	2.	2.	0.0	7.4	0.4	0.012
NO OF SAMPLES							10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 01 78 1000			.3		0.002	0.066	0.450	0.002	0.153	0.221	0.384	0.605	176.0	2.2
19 04 78 0920			.3		0.001	0.042	0.470	0.007	0.470	0.519	0.428	0.947	180.0	7.5
17 05 78 1000			.3		0.002	0.014	0.630	0.005	0.125	0.144	0.616	0.760	168.0	12.0
27 06 78 0910			.3		0.001L	0.023	0.500	0.002	0.005	0.030	0.477	0.507	157.0	3.8
20 07 78 0900			.3		0.006	0.056	0.610	0.002	0.005L	0.063	0.554	0.617	156.0	3.3
30 08 78 1000			.3		0.001	0.154	0.920	0.003	0.005L	0.162	0.766	0.928	158.0	7.2
27 09 78 0930			.3		0.001	0.112	0.990	0.003	0.020	0.135	0.878	1.013	144.0	8.3
26 10 78 1220			.3			0.025	0.590	0.003	0.025	0.053	0.565	0.618	155.0	6.2
15 11 78 0930			.3		0.001	0.019	0.520	0.002	0.028	0.049	0.501	0.550	169.0	3.0
13 12 78 1345			.3		0.001	0.024	0.430	0.003	0.067	0.094	0.406	0.500	155.0	2.0
MAXIMUM					0.006	0.154	0.990	0.007	0.470	0.519	0.878	1.013	180.0	12.0
AVG OR GEOM MN (*)					0.002D	0.054	0.611	0.003	0.090D	0.147	0.558	0.705	161.8	5.6
MINIMUM					0.001	0.014	0.430	0.002	0.005	0.030	0.384	0.500	144.0	2.0
NO OF SAMPLES					9	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1000			.3		174	268	1.40	7.6
19 04 78 0920			.3		172	265	2.50	6.8
17 05 78 1000			.3		156	240	2.50	6.2
27 06 78 0910			.3		153	235	1.70	6.1
20 07 78 0900			.3		153	235	1.90	6.3
30 08 78 1000			.3		151	233	3.60	7.1
27 09 78 0930			.3		136	210	5.00	6.9
26 10 78 1220			.3		149	230	2.80	6.7
15 11 78 0930			.3		166	255	2.70	6.1
13 12 78 1345			.3		153	235	1.20	6.2
MAXIMUM					174	268	5.00	7.6
AVG OR GEOM MN (*)					156	241	2.53	6.6
MINIMUM					136	210	1.20	6.1
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: FARREL CREEK
SAMPLE POINT: AT DYNO ROAD DOWNSTREAM FROM DYNO MINE TAILINGS 78 1
STATION TYPE: RIVER

STATION ID: 17-0021-058-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 58 LAT: LONG: U T M: 17 0728955.0 4980150.0 4 REGION: 03 MILEAGE: 155.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	5 TOTAL SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
28 03 78 1230			.3		36805		264		8.3			18	6.26	0.50
31 07 78 1000			.3		36806	212.	325	1.4		137.0	6.4		6.70	0.47
28 09 78 1000			.3		36812	212.	325	1.4		137.0	6.4		6.70	0.47
MAXIMUM						212.	325	1.4	8.3	137.0	6.4	18	6.70	0.50
AVG OR GEOM MN (*)						212.	305	1.4	8.3	137.0	6.4	18	6.55	0.48
MINIMUM						212.	264	1.4	8.3	137.0	6.4	18	6.26	0.47
NO OF SAMPLES						2	3	2	1	2	2	1	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
28 03 78 1230			.3		108.	35.	4.9		11.	20.	1.	15.	1.	10. L
31 07 78 1000			.3					0.850	16.	38.	3.	31.	2.	10. L
28 09 78 1000			.3						1. L	21.	3.	14.	2.	10. L
MAXIMUM					108.	35.	4.9	0.850	16.	38.	3.	31.	2.	10.
AVG OR GEOM MN (*)					108.	35.	4.9	0.850	9. D	26.	2.	20.	1.	10. D
MINIMUM					108.	35.	4.9	0.850	1.	20.	1.	14.	1.	10.
NO OF SAMPLES					1	1	1	1	3	3	3	3	3	3

```
 B.O.W./ SITE: PAUDASH LAKE                                                                         STATION ID:  17-0021-059-01
 SAMPLE POINT: INLET BAY NEAR MOUTH OF DEER CREEK 75 1
 STATION TYPE: LAKE                                     MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                            004
                                                        TERM STREAM: TRENT RIVER                                             1220

STN NO:    59   LAT:             LONG:                  U T M: 17 0734400.0 4985175.0 4    REGION: 03           MILEAGE: 113.30

                                               934         1        33        34        19        20        21        22        17        18
SAMP DTE HOUR  STN  STN SAMP  PJ            SAMPLE     5-DAY     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL
DY MO YR LMT   DIST BRG DEPTH                   NO       BOD         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N
               FEET      MTRS                             MG/L      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

31 07 78 1030              .3              36807       1.4     0.028    0.001L     0.008     0.680     0.012     0.020     0.120     0.592
28 09 78 1030              .3              36813       1.0     0.072     0.002     0.216     1.140     0.005     0.060     0.281     0.924

                     MAXIMUM                           1.4     0.072     0.002     0.216     1.140     0.012     0.060     0.281     0.924
         AVG OR GEOM MN (*)                            1.2     0.050    0.002D     0.152     0.910     0.009     0.040     0.201     0.758
                     MINIMUM                           1.0     0.028     0.001     0.088     0.680     0.005     0.020     0.120     0.592

              NO OF SAMPLES                              2         2         2         2         2         2         2         2         2

                                                23         5         6        14        16        56       451       452       453       454
SAMP DTE HOUR  STN  STN SAMP  PJ           TOTAL N     TOTAL     SUSP.     COND.     TURB.  CHLORIDE    RADIUM  GROSS"A"  GROSS"A"  GROSS"B"
DY MO YR LMT   DIST BRG DEPTH                         SOLIDS    SOLIDS       25C  FORMAZIN      MG/L  226 DISS      DISS    UNDISS      DISS
               FEET      MTRS                 MG/L      MG/L      MG/L     UMHOS     UNITS               PCI/L     PCI/L     PCI/L     PCI/L

28 03 78 1000              .3                                                                           1. L      1. L      1. L      2.
31 07 78 1030              .3                0.712     102.0      12.0       139       2.5       5.4        3.        3.      1. L      4.
28 09 78 1030              .3                1.205     133.0      16.0       180       3.2       9.7        2.        5.        1.        7.

                     MAXIMUM                 1.205     133.0      16.0       180       3.2       9.7        3.        5.        1.        7.
         AVG OR GEOM MN (*)                  0.959     117.5      14.0       160       2.9       7.6      2. D      3. D      1. D      4.
                     MINIMUM                 0.712     102.0      12.0       139       2.5       5.4        1.        1.        1.        2.

              NO OF SAMPLES                      2         2         2         2         2         2         3         3         3         3

                                               455       456
SAMP DTE HOUR  STN  STN SAMP  PJ          GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH               UNDISS       238
               FEET      MTRS                PCI/L      UG/L

28 03 78 1000              .3                 1. L     10. L
31 07 78 1030              .3                 1. L     10. L
28 09 78 1030              .3                 2.       10. L

                     MAXIMUM                  2.       10.
         AVG OR GEOM MN (*)                   1. D     10. D
                     MINIMUM                  1.       10.

              NO OF SAMPLES                      3         3



 B.O.W./ SITE: DEER CREEK                                                                           STATION ID:  17-0021-060-02
 SAMPLE POINT: DOWNSTREAM FROM BICROFT MINE TAILINGS 74 1
 STATION TYPE: RIVER    FLOW GAUGE MOE 02HK104          MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                            004
                                                        TERM STREAM: TRENT RIVER                                             1220

STN NO:    60   LAT:             LONG:                  U T M: 17 0733825.0 4985800.0 4    REGION: 03           MILEAGE: 113.80

                                               934         5        14        16        56        59        95        52        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ            SAMPLE     TOTAL     COND.     TURB.  CHLORIDE  SULPHATE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH                   NO    SOLIDS       25C  FORMAZIN      MG/L              PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS                             MG/L     UMHOS     UNITS                MG/L      MG/L      MG/L                MG/L

28 03 78 1100              .3              36802                  94                 3.8                             7      6.39      0.38
31 07 78 1100              .3              36808      111.       170       1.0                63.0       3.0                6.56      0.25
28 09 78 1100              .3              36814      111.       170       1.0                63.0       3.0                6.56      0.25

                     MAXIMUM                          111.       170       1.0       3.8      63.0       3.0         7      6.56      0.38
         AVG OR GEOM MN (*)                           111.       145       1.0       3.8      63.0       3.0         7      6.50      0.29
                     MINIMUM                          111.        94       1.0       3.8      63.0       3.0         7      6.39      0.25

              NO OF SAMPLES                              2         3         2         1         2         2         1         3         3

                                                76        72        74       201       451       452       453       454       455       456
SAMP DTE HOUR  STN  STN SAMP  PJ            CALCUL     TOTAL  TOT. MAG     TOTAL    RADIUM  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH             HARDNESS   CALCIUM    NESIUM        MN  226 DISS      DISS    UNDISS      DISS    UNDISS       238
               FEET      MTRS                 MG/L      MG/L      MG/L      MG/L     PCI/L     PCI/L     PCI/L     PCI/L     PCI/L      UG/L

28 03 78 1100              .3                  34.       9.6       2.5                  3.        5.      1. L      5.        1. L     10. L
31 07 78 1100              .3                                            0.230        9.       10.        3.       11.        2.       10. L
28 09 78 1100              .3                                                        12.       17.        2.       15.        1.       10. L

                     MAXIMUM                   34.       9.6       2.5     0.230       12.       17.        3.       15.        2.       10.
         AVG OR GEOM MN (*)                    34.       9.6       2.5     0.230        8.       10.      2. D       10.      1. D     10. D
                     MINIMUM                   34.       9.6       2.5     0.230        3.        5.        1.        5.        1.       10.

              NO OF SAMPLES                      1         1         1         1         3         3         3         3         3         3

 B.O.W./ SITE: CENTRE LAKE OUTLET                                                                   STATION ID:  17-0021-061-02
 SAMPLE POINT: AT HIGHWAY 121 4 MILES WEST OF CARDIFF 73 1
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                            004
                                                        TERM STREAM: TRENT RIVER                                             1220

STN NO:    61   LAT:             LONG:                  U T M: 17 0732100.0 4987550.0 4    REGION: 03           MILEAGE: 115.40

                                               934         5        14        16        56        59        95        52        55       208
SAMP DTE HOUR  STN  STN SAMP  PJ            SAMPLE     TOTAL     COND.     TURB.  CHLORIDE  SULPHATE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT   DIST BRG DEPTH                   NO    SOLIDS       25C  FORMAZIN      MG/L              PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS                             MG/L     UMHOS     UNITS                MG/L      MG/L      MG/L                MG/L

28 03 78 1130              .3              36803                  53                 3.4                             7      5.76      0.34
31 07 78 1130              .3              36809       29.        43       0.5                 8.5       2.0                6.76      0.14
28 09 78 1130              .3              36815       29.        43       0.5                 8.5       2.0                6.76      0.14

                     MAXIMUM                           29.        53       0.5       3.4       8.5       2.0         7      6.76      0.34
         AVG OR GEOM MN (*)                            29.        46       0.5       3.4       8.5       2.0         7      6.43      0.21
                     MINIMUM                           29.        43       0.5       3.4       8.5       2.0         7      5.76      0.14

              NO OF SAMPLES                              2         3         2         1         2         2         1         3         3
```

(CONTD)

B.O.W./ SITE: CENTRE LAKE OUTLET
SAMPLE POINT: AT HIGHWAY 121 4 MILES WEST OF CARDIFF 73 1
STATION TYPE: RIVER
STATION ID: 17-0021-061-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 61 LAT: LONG: U T M: 17 0732100.0 4987550.0 4 REGION: 03 MILEAGE: 115.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
28 03 78 1130			.3		17.	5.2	1.05		1. L	2.	1. L	3.	1. L	10. L
31 07 78 1130			.3					0.026	1.	1. L	1. L	3.	1. L	10. L
28 09 78 1130			.3						8.	10.	2.	4.	2.	10. L
MAXIMUM					17.	5.2	1.05	0.026	8.	10.	2.	4.	2.	10.
AVG OR GEOM MN (*)					17.	5.2	1.05	0.026	3. D	4. D	1. D	3.	1. D	10. D
MINIMUM					17.	5.2	1.05	0.026	1.	1.	1.	3.	1.	10.
NO OF SAMPLES					1	1	1	1	3	3	3	3	3	3

B.O.W./ SITE: BOW LAKE OUTLET
SAMPLE POINT: AT HIGHWAY 28 8 MILES SOUTH WEST OF BANCROFT 71 3
STATION TYPE: RIVER FLOW GAUGE MOE 02HK102
STATION ID: 17-0021-062-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 62 LAT: LONG: U T M: 18 0268600.0 4987350.0 4 REGION: 04 MILEAGE: 115.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	5 TOTAL SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L
14 02 78 1210			.3		25311		2.0	10.2	316.0	455	1.30		149.0	5.4
13 03 78 1225			.3		25328		3.3	10.2	357.0	493	1.20		164.0	8.0
06 04 78 1200			.3		25363		3.0	8.2	368.0	520	0.90		170.0	6.0
25 05 78 1210			.3		25395		20.4	9.4	202.0	510	0.50		185.0	2.6
06 07 78 1200			.3		26200	6								
29 09 78 1050			.3		25530	6			618.0	710	0.70		277.0	2.2
20 10 78 1220			.3		25534				577.0	760	1.00	40.5	292.0	3.4
MAXIMUM							20.4	10.2	618.0	760	1.30	40.5	292.0	8.0
AVG OR GEOM MN (*)							7.2	9.5	406.3	575	0.93	40.5	206.2	4.6
MINIMUM							2.0	8.2	202.0	455	0.50	40.5	149.0	2.2
NO OF SAMPLES							4	4	6	6	6	1	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	55 PH AT LAB	208 TOTAL IRON MG/L	265 TOTAL ARSENIC MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
14 02 78 1210			.3		7.30	0.240		0.118	2.	30.	2.	15.	3.	13.
13 03 78 1225			.3		7.24	0.180		0.124	1.	45.	1.	25.	2.	25.
06 04 78 1200			.3		7.39	0.190		0.127	3.	65.	2.	35.	5.	40.
25 05 78 1210			.3		6.94	0.090	0.001L	0.058	2.	50.	1.	15.	3.	20.
06 07 78 1200			.3						3.00	35.0	1.0	13.0	3.0	20.0
29 09 78 1050			.3		7.61	0.030		0.019	4.00	64.0	1.0	12.0	5.0	30.0
20 10 78 1220			.3		7.55	0.110		0.090	2.	65.	1. L	11.	5.	33.
MAXIMUM					7.61	0.240	0.001	0.127	4.00	65.	2.	35.	5.	40.
AVG OR GEOM MN (*)					7.34	0.140	0.001D	0.089	2.43	50.6	1.3D	18.0	3.7	25.9
MINIMUM					6.94	0.030	0.001	0.019	1.	30.	1.	11.	2.	13.
NO OF SAMPLES					6	6	1	6	7	7	7	7	7	7

B.O.W./ SITE: CREEK TRIBUTARY TO BOW LAKE
SAMPLE POINT: DOWNSTREAM FROM FARADAY MINE TAILINGS 70 1
STATION TYPE: RIVER
STATION ID: 17-0021-063-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 63 LAT: LONG: U T M: 18 0269600.0 4989600.0 4 REGION: 04 MILEAGE: 117.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	5 TOTAL SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L
14 02 78 1220			.3		25310		1.3	11.0	240.0	366	1.80		110.0	5.6
13 03 78 1205			.3		25327		4.0	11.2	369.0	525	1.80		169.0	6.3
06 04 78 1145			.3		25362		5.0	9.5	237.0	360	0.90		103.0	5.7
25 05 78 1150			.3		25394		23.0	8.3	237.0	363	0.70		128.0	4.5
06 07 78 1145			.3		26201	6								
29 09 78 1145			.3		25529	6			772.0	890	1.30		344.0	3.6
20 10 78 1210			.3		25533				730.0	930	1.50	54.0	354.0	4.8
MAXIMUM							23.0	11.2	772.0	930	1.80	54.0	354.0	6.3
AVG OR GEOM MN (*)							8.3	10.0	430.8	572	1.33	54.0	201.3	5.1
MINIMUM							1.3	8.3	237.0	360	0.70	54.0	103.0	3.6
NO OF SAMPLES							4	4	6	6	6	1	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	55 PH AT LAB	208 TOTAL IRON MG/L	265 TOTAL ARSENIC MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
14 02 78 1220			.3		7.36	0.530		0.146	1.	50.	2.	20.	2.	30.
13 03 78 1205			.3		7.43	0.400		0.210	2.	90.	1.	35.	1.	55.
06 04 78 1145			.3		7.26	0.360		0.114	2.	60.	3.	25.	4.	25.
25 05 78 1150			.3		6.93	0.230	0.001L	0.080	1.	55.	2.	20.	3.	25.
06 07 78 1145			.3						3.00	95.0	2.0	20.0	3.0	50.0
29 09 78 1145			.3		7.62	0.140		0.080	4.00	48.0	1.0	23.0	5.0	11.0
20 10 78 1210			.3		7.44	0.160		0.154	5.	130.	1.	15.	4.	75.
MAXIMUM					7.62	0.530	0.001	0.210	5.	130.	3.	35.	5.0	75.
AVG OR GEOM MN (*)					7.34	0.303	0.001D	0.131	2.57	75.4	1.7	22.6	3.1	38.7
MINIMUM					6.93	0.140	0.001	0.080	1.	48.0	1.	15.	1.	11.0
NO OF SAMPLES					6	6	1	6	7	7	7	7	7	7

B.O.W./ SITE: CREEK OUTLET OF BENTLEY LAKE
SAMPLE POINT: UPSTREAM FROM FARADAY MINE TAILINGS AREA 70 2
STATION TYPE: RIVER

STATION ID: 17-0021-064-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02 004 1220

STN NO: 64 LAT: LONG: U T M: 18 0270350.0 4989350.0 4 REGION: 04 MILEAGE: 117.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	5 TOTAL SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L
14 02 78 1145			.3		25309	4	1.5	9.6	185.0	282	2.30		67.0	8.0
13 03 78 1135			.3		25326	4	2.5	9.3	251.0	384	2.00		108.0	9.9
06 04 78 1115			.3		25361	4	2.9	8.1	184.0	280	1.10		62.0	4.2
25 05 78 1130			.3		25393		22.0	8.4	170.0	260	0.90		69.0	2.8
06 07 78 1050			.3		26202	6								
29 09 78 1200			.3		25528	6			780.0	890	1.30		338.0	4.1
20 10 78 1125			.3		25532				751.0	970	1.20	64.0	364.0	7.2
MAXIMUM							22.0	9.6	780.0	970	2.30	64.0	364.0	9.9
AVG OR GEOM MN (*)							7.2	8.9	386.8	511	1.47	64.0	168.0	6.0
MINIMUM							1.5	8.1	170.0	260	0.90	64.0	62.0	2.8
NO OF SAMPLES							4	4	6	6	6	1	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	55 PH AT LAB	208 TOTAL IRON MG/L	265 TOTAL ARSENIC MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
14 02 78 1145			.3		7.23	0.360		0.159	1. L	2.	1. L	5.	1. L	10. L
13 03 78 1135			.3		7.17	0.310		0.250	1. L	1.	1.	5.	1.	10. L
06 04 78 1115			.3		7.14	0.330		0.118	1. L	10.	2.	10.	3.	10. L
25 05 78 1130			.3		6.84	0.210	0.001L	0.068	1. L	1.	1. L	5.	2.	10. L
06 07 78 1050			.3						1.00L	1.0L	1.0L	1.0L	1.0L	10.0L
29 09 78 1200			.3		7.48	0.090		0.180	1.00L	1.0	1.0L	4.0	1.0L	10.0L
20 10 78 1125			.3		7.22	0.110		0.470	1. L	2.	1. L	6.	1. L	10. L
MAXIMUM					7.48	0.360	0.001	0.470	1.	10.	2.	10.	3.	10.
AVG OR GEOM MN (*)					7.18	0.235	0.001D	0.208	1.000	2.6D	1.1D	5.1D	1.4D	10.00
MINIMUM					6.84	0.090	0.001	0.068	1.	1.	1.	1.0	1.	10.
NO OF SAMPLES					6	6	1	6	7	7	7	7	7	7

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: LOCK 25 LAKEFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HJ002

STATION ID: 17-0021-065-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02 004 1220

STN NO: 65 LAT: LONG: U T M: 17 0717900.0 4919875.0 4 REGION: 03 MILEAGE: 98.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 02 78 1000			.3		36124	6	2630.00	4.	2. L	2. L	0.0	9.0	0.2	0.015
19 04 78 1500			.3		36241	6	8190.00	212.	2.	2. L	0.5	10.8	0.2	0.014
18 05 78 0920			.3		36308	6	9120.00	124.	4.	2.	9.5	11.4		
27 06 78 1630			.3		36370	6	826.00	20.	2. L	2.	15.5	8.4	0.2	0.019
20 07 78 1700			.3		36445	6	622.00	36.	4.	10.	25.0	7.3	1.0	0.024
29 08 78 1540			.3		36469	6	1340.00	64.	2.	2.	19.2	9.2	1.4	0.028
28 09 78 0930			.3		36568	6	1430.00	64.	4. L	4.	12.5	9.5	1.0	0.020
25 10 78 1240			.3		36599	6	1720.00	4. L	2. L	2. L	8.5	10.4	0.4	0.016
16 11 78 1000			.3		36671	6	2980.00				7.5	11.2	0.2	0.017
12 12 78 1520			.3		36725	6	3070.00	4. L	2. L	2. L	0.5	10.4	0.8	0.020
MAXIMUM							9120.00	212.	4.	10.	25.0	11.4	1.4	0.028
AVG OR GEOM MN (*)							3192.80	26.* D	3.* D	3.* D	9.9	9.8	0.6	0.019
MINIMUM							622.00	4.	2.	2.	0.0	7.3	0.2	0.014
NO OF SAMPLES							10	9	9	9	10	10	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 02 78 1000			.3		0.006	0.098	0.430	0.005	0.170	0.273	0.332	0.605	151.0	1.2
19 04 78 1500			.3		0.005	0.064	0.410	0.005	0.300	0.369	0.346	0.715	164.0	1.7
27 06 78 1630			.3		0.001L	0.013	0.420	0.003	0.010	0.026	0.407	0.433	136.0	2.6
20 07 78 1700			.3		0.001	0.010	0.470	0.002	0.008	0.020	0.460	0.480	136.0	3.4
29 08 78 1540			.3		0.001	0.078	0.560	0.001	0.005	0.084	0.482	0.566		
28 09 78 0930			.3		0.001	0.010	0.490	0.001	0.010	0.021	0.480	0.501	135.0	2.4
25 10 78 1240			.3		0.002	0.014	0.440	0.002	0.020	0.036	0.426	0.462	132.0	1.9
16 11 78 1000			.3		0.004	0.004	0.330	0.003	0.247	0.254	0.326	0.580	295.0	4.0
12 12 78 1520			.3		0.001	0.030	0.470	0.002	0.068	0.100	0.440	0.540	129.0	0.3
MAXIMUM					0.006	0.098	0.560	0.005	0.300	0.369	0.482	0.715	295.0	4.0
AVG OR GEOM MN (*)					0.002D	0.036	0.447	0.003	0.093	0.131	0.411	0.542	159.8	2.2
MINIMUM					0.001	0.004	0.330	0.001	0.005	0.020	0.326	0.433	129.0	0.3
NO OF SAMPLES					9	9	9	9	9	9	9	9	8	8

(CONTD)

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: LOCK 25 LAKEFIELD
STATION TYPE: RIVER   FLOW GAUGE FED 02HJ002

STATION ID: 17-0021-065-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 65   LAT: LONG: U T M: 17 0717900.0 4919875.0 4   REGION: 03   MILEAGE: 98.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78 1000			.3			150	230	1.70	5.7
19 04 78 1500			.3			162	250	0.90	5.1
27 06 78 1630			.3			133	205	1.20	4.8
20 07 78 1700			.3			133	205	1.50	5.0
29 08 78 1540			.3				202	0.70	4.8
28 09 78 0930			.3			133	205	2.60	5.8
25 10 78 1240			.3			130	200	2.00	4.9
16 11 78 1000			.3		291		455	2.90	12.0
12 12 78 1520			.3			129	200	0.80	4.7
MAXIMUM					291	162	455	2.90	12.0
AVG OR GEOM MN (*)					291	139	239	1.59	5.9
MINIMUM					291	129	200	0.70	4.7
NO OF SAMPLES					1	7	9	9	9

B.O.W./ SITE: OUSE RIVER
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM FROM NORWOOD
STATION TYPE: RIVER

STATION ID: 17-0021-066-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 66   LAT: LONG: U T M: 18 0261800.0 4916875.0 4   REGION: 03   MILEAGE: 63.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78 1130			.3		36028	4	180.	8.	20.	0.0	11.4	1.2	0.007	0.007
21 02 78 1255			.3		36116	4	116.	2. L	4.	0.0	11.4	0.2	0.034	0.015
19 04 78 1200			.3		36234	6	192.	6.	14.	1.0	11.7	0.2	0.013	0.004
17 05 78 1220			.3		36301	6 8 3	240.	36.	300. G	11.5	11.2	1.4	0.020	0.002
27 06 78 1210			.3		36363	5 8	12100.	10.	72.	14.0	7.4	0.5	0.041	0.010
20 07 78 1215			.3		36436	5 8 9	152.	176.	48.	23.0	5.8	1.2	0.066	0.033
30 08 78 0895			.3		36479	8 6	60.	380.	72.	16.0	7.6	0.5	0.068	0.018
27 09 78 1235			.3		36559	6 9	660.	280.	28.	14.9	11.6	0.5	0.064	0.028
26 10 78 0905			.3		36605	6	1780.	90.	212.	8.0	9.3	1.0	0.100	0.019
15 11 78 1245			.3		36661	6	32000.	900.	300. G	5.5	12.2	0.2	0.030	0.006
13 12 78 1145			.3		36735	6	500.	60.	200.	1.0	10.0	0.4	0.022	0.008
MAXIMUM							32000.	900.	300.	23.0	12.2	1.4	0.100	0.033
AVG OR GEOM MN (*)							568.*	48.* D	59.* U	8.6	10.0	0.7	0.042	0.014
MINIMUM							60.	2.	4.	0.0	5.8	0.2	0.007	0.002
NO OF SAMPLES							11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78 1130			.3		0.072	0.410	0.004	0.446	0.522	0.338	0.860	286.0	4.0	282
21 02 78 1255			.3		0.084	0.400	0.006	0.550	0.640	0.316	0.956	282.0	1.8	280
19 04 78 1200			.3		0.016	0.350	0.005	0.310	0.331	0.334	0.665	205.0	1.4	
17 05 78 1220			.3		0.002	0.460	0.003	0.150	0.155	0.458	0.613	364.0	136.0	
27 06 78 1210			.3		0.039	0.520	0.010	0.750	0.799	0.481	1.280	270.0	6.8	
20 07 78 1215			.3		0.086	0.590	0.022	1.210	1.318	0.504	1.822	278.0	7.6	
30 08 78 0895			.3		0.066	0.680	0.012	0.945	1.023	0.614	1.637	268.0	13.0	
27 09 78 1235			.3		0.022	0.570	0.009	1.490	1.521	0.548	2.069	269.0	7.5	261
26 10 78 0905			.3		0.029	0.760	0.079	1.150	1.258	0.731	1.989	304.0	25.0	279
15 11 78 1245			.3		0.008	0.420	0.014	0.476	0.498	0.412	0.910	287.0	8.0	279
13 12 78 1145			.3		0.024	0.450	0.006	0.609	0.639	0.426	1.065	287.0	2.0	285
MAXIMUM					0.086	0.760	0.079	1.490	1.521	0.731	2.069	364.0	136.0	285
AVG OR GEOM MN (*)					0.041	0.510	0.015	0.735	0.791	0.469	1.261	281.8	19.4	278
MINIMUM					0.002	0.350	0.003	0.150	0.155	0.316	0.613	205.0	1.4	261
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1130			.3			434	2.30	8.8
21 02 78 1255			.3			453	1.40	8.6
19 04 78 1200			.3		204	315	1.20	4.5
17 05 78 1220			.3		228	350	5.60	5.7
27 06 78 1210			.3		263	405	2.80	11.0
20 07 78 1215			.3		270	415	3.80	16.0
30 08 78 0895			.3		255	400	4.50	17.0
27 09 78 1235			.3			430	5.50	19.5
26 10 78 0905			.3			465	4.70	18.5
15 11 78 1245			.3			440	3.50	14.5
13 12 78 1145			.3			455	1.50	10.5
MAXIMUM					270	465	5.60	19.5
AVG OR GEOM MN (*)					244	415	3.35	12.2
MINIMUM					204	315	1.20	4.5
NO OF SAMPLES					5	11	11	11

B.O.W. / SITE: TRENT RIVER
SAMPLE POINT: BRIDGE STREET BRIDGE HASTINGS
STATION TYPE: RIVER

STATION ID: 17-0021-067-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 67 LAT: LONG: U T M: 18 0264175.0 4910125.0 4 REGION: 03 MILEAGE: 50.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DLG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78	1100			.3		36026	6	96.	6.	6.	0.0	12.0	1.2	0.012	0.003
21 02 78	1100			.3		36114	6	48.	4.	4.	0.0	12.0	0.2	0.014	0.009
19 04 78	1110			.3		36231	6	44.	2.	4.	0.0	11.2	0.2	0.015	0.001
17 05 78	1130			.3		36298	6	24.	2. L	2. L	10.5	10.8	1.4	0.031	0.001
27 06 78	1055			.3		36360	6	276.	2. L	2. L	15.6	8.3	0.8	0.025	0.001
20 07 78	1115			.3		36433	6	90.	2. L	2.	24.4	7.3	1.5	0.036	0.001
30 08 78	1130			.3		36476	6	10. L	2. L	2. L	22.2	9.8	4.0	0.065	0.001
27 09 78	1140			.3		36556		8.	2. L	2. L			2.0	0.057	0.001
26 10 78	1030			.3		36608	6	72.	2. L	20.	7.5	11.8	1.5	0.033	
15 11 78	1145			.3		36658	6	36.	6.	18.	6.5	12.2	1.4	0.026	0.001L
13 12 78	1220			.3		36738	6				1.0	10.3	0.6	0.013	0.001L
MAXIMUM								276.	6.	20.	24.4	12.2	4.0	0.065	0.009
AVG OR GEOM MN (*)								44.* D	3.* D	4.* D	8.8	10.6	1.3	0.030	0.002D
MINIMUM								8.	2.	2.	0.0	7.3	0.2	0.012	0.001
NO OF SAMPLES								10	10	10	10	10	11	11	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78	1100			.3		0.072	0.450	0.003	1.320	1.395	0.378	1.773	167.0	1.0	
21 02 78	1100			.3		0.106	0.430	0.006	0.160	0.272	0.324	0.596	169.0	0.8	
19 04 78	1110			.3		0.046	0.390	0.007	0.445	0.498	0.344	0.842	170.0	2.3	
17 05 78	1130			.3		0.012	0.620	0.005	0.105	0.122	0.608	0.730	160.0	10.0	
27 06 78	1055			.3		0.025	0.520	0.002	0.005L	0.032	0.495	0.527	158.0	4.8	
20 07 78	1115			.3		0.014	0.620	0.002	0.005L	0.021	0.606	0.627	162.0	5.8	
30 08 78	1130			.3		0.098	1.000	0.001	0.005L	0.104	0.902	1.006	158.0	12.0	
27 09 78	1140			.3		0.068	1.090	0.002	0.010	0.080	1.022	1.102	143.0	10.0	
26 10 78	1030			.3		0.013	0.600	0.001	0.005	0.019	0.587	0.606	155.0	5.1	150
15 11 78	1145			.3		0.014	0.580	0.001	0.019	0.034	0.566	0.600	159.0	6.0	
13 12 78	1220			.3		0.030	0.460	0.003	0.072	0.105	0.430	0.535	147.0	1.0	
MAXIMUM						0.106	1.090	0.007	1.320	1.395	1.022	1.773	170.0	12.0	150
AVG OR GEOM MN (*)						0.045	0.615	0.003	0.196D	0.244	0.569	0.813	158.9	5.3	150
MINIMUM						0.012	0.390	0.001	0.005	0.019	0.324	0.527	143.0	0.8	150
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78	1100			.3		166	256	1.60	7.4
21 02 78	1100			.3		168	259	0.90	7.1
19 04 78	1110			.3		168	260	1.30	6.3
17 05 78	1130			.3		150	230	2.00	6.1
27 06 78	1055			.3		153	235	2.00	5.7
20 07 78	1115			.3		156	240	2.30	6.1
30 08 78	1130			.3		146	225	4.60	6.8
27 09 78	1140			.3		133	205	5.20	6.7
26 10 78	1030			.3			230	2.90	6.5
15 11 78	1145			.3		153	235	2.60	6.0
13 12 78	1220			.3		146	225	1.20	5.9
MAXIMUM						168	260	5.20	7.4
AVG OR GEOM MN (*)						154	236	2.42	6.4
MINIMUM						133	205	0.90	5.7
NO OF SAMPLES						10	11	11	11

B.O.W. / SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 68 LAT: LONG: U T M: 18 0293600.0 4886625.0 4 REGION: 04 MILEAGE: 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
12 04 78	1410			.3		25372	3	16100.00	296.	20.	24.	4.9	12.4	0.5	0.027
16 05 78	1120			.3		25374		13200.00				13.5	10.4	1.0	0.055
	1200			.3		26313	6	13200.00	36.	44.	10.			1.0	0.036
20 06 78	0955			.3		26318	6	1360.00	2000.	600. G	4. L	19.0	8.0	1.0	0.040
27 06 78	1010			.3		25453		997.00	600. G	4. L	4. L	24.0	8.1		0.122
13 07 78	1055			.3		25478		447.00	500.	112.	12.	24.2	7.6		
29 08 78	0930			.3		26328	8	1360.00				21.0	8.5	2.3	0.054
	1045			.3		25496		1360.00	1800.	4.	4. L			1.2	0.058
27 09 78	1045			.3		25522	6	2450.00	410.	4. L	8.			0.2	0.060
18 10 78	0910			.3		26333	6	3220.00	2800.	12.	8.	8.0	12.0	0.8	0.034
31 10 78	1155			.3		25550		3630.00	9600.	8.	56.	10.0	11.8	0.8	0.029
MAXIMUM								16100.00	9600.	600.	56.	24.2	12.4	2.3	0.122
AVG OR GEOM MN (*)								5211.27	795.* U	19.* E	10.* D	15.6	9.9	1.0	0.052
MINIMUM								447.00	36.	4.	4.	4.9	7.6	0.2	0.027
NO OF SAMPLES								11	9	9	9	8	8	9	10

(C O N T D)

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 68   LAT: LONG: U T M: 18 0293600.0 4886625.0 4   REGION: 04   MILEAGE: 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
12 04 78	1410			.3		0.005	0.062	0.520	0.008	0.670	0.740	0.458	1.198	197.0	9.4
16 05 78	1120			.3		0.002	0.024	0.550	0.005	0.150	0.179	0.526	0.705	175.0	13.0
	1200			.3		0.004	0.060	0.540	0.006	0.090	0.156	0.480	0.636	140.0	5.0L
20 06 78	0955			.3		0.006	0.030	0.670	0.006	0.020L	0.056	0.640	0.696		4.0
27 06 78	1010			.3		0.018	0.070	0.490	0.043	0.045	0.158	0.420	0.578	162.0	9.2
29 08 78	0930			.3		0.002	0.180	0.840				0.660	0.08		7.0
	1045			.3		0.003	0.150	0.840	0.006	0.005	0.161	0.690	0.851	162.0	8.8
27 09 78	1045			.3		0.004	0.080	0.820	0.005	0.060	0.145	0.740	0.885	159.0	8.9
18 10 78	0910			.3		0.004	0.030	0.550	0.004	0.020	0.054	0.520	0.574	159.0	5.7
31 10 78	1155			.3		0.004	0.004	0.520	0.004	0.070	0.078	0.516	0.594	157.0	4.0
MAXIMUM						0.018	0.180	0.840	0.043	0.670	0.740	0.740	1.198	197.0	13.0
AVG OR GEOM MN (*)						0.005	0.069	0.634	0.010	0.126D	0.192	0.565	0.680	163.9	7.5D
MINIMUM						0.002	0.004	0.490	0.004	0.005	0.054	0.420	0.08	140.0	4.0
NO OF SAMPLES						10	10	10	9	9	9	10	10	8	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L
12 04 78	1410			.3		188	290	3.20	7.5	16.5	2.85	8.02	0.300	1.0L	5.0
16 05 78	1120			.3		162	250	2.60	5.7	14.5	1.10	8.02	0.280	1.0	5.4
	1200			.3		163	250	4.30	6.0						5.4
20 06 78	0955			.3		169	260	2.40	6.5						5.4
27 06 78	1010			.3		153	235	2.10	5.4	12.5	2.40	7.66	0.090		6.0
13 07 78	1055			.3											6.0
29 08 78	0930			.3		156	240	3.50	7.5						6.0
	1045			.3		153	235	2.50	6.5						6.0
27 09 78	1045			.3		150	230	3.00	6.8	9.0	1.90	7.98	0.120	1.0L	6.2
18 10 78	0910			.3		153	235	2.40	7.8			7.74		1.0	6.4
31 10 78	1155			.3		153	235	2.60	6.5	14.5	0.60	8.06	0.080	1.0	5.8
MAXIMUM						188	290	4.30	7.8	16.5	2.85	8.06	0.300	1.0	6.4
AVG OR GEOM MN (*)						160	246	2.86	6.6	13.4	1.77	7.91	0.174	1.0D	5.8
MINIMUM						150	230	2.10	5.4	9.0	0.60	7.66	0.080	1.0	5.0
NO OF SAMPLES						10	10	10	10	5	5	6	5	5	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
12 04 78	1410			.3		12	0	0.001		0.020	0.010	0.030L	0.005L	0.020	0.020L
16 05 78	1120			.3		16	3	0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
	1200			.3		16	3	0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
20 06 78	0955			.3		16	3	0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
27 06 78	1010			.3		28									
13 07 78	1055			.3		28									
29 08 78	0930			.3		28									
	1045			.3		28									
27 09 78	1045			.3		27									
18 10 78	0910			.3		31									
31 10 78	1155			.3		31	2	0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.010	0.020L
MAXIMUM						31	3	0.001	0.030	0.020	0.010	0.030	0.005	0.020	0.020
AVG OR GEOM MN (*)						24	2	0.001D	0.028D	0.020D	0.010D	0.030D	0.005D	0.012D	0.020D
MINIMUM						12	0	0.001	0.020	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES						11	5	5	4	5	5	5	5	5	5

B.O.W./ SITE: BAXTER CREEK
SAMPLE POINT: 1.5 MILES DOWNSTREAM FROM MILLBROOK
STATION TYPE: RIVER   FLOW GAUGE MOE 02HJ104

STATION ID: 17-0021-069-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 69   LAT: LONG: U T M: 17 0707010.0 4893900.0 4   REGION: 03   MILEAGE: 83.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
21 02 78	1450			.3		36119	4		1120.	198.	44.	0.0	10.6	0.2	0.015
21 04 78	0900			.3		36255	6	44.0	1500.	16.	112.	1.0	12.4	0.2	0.046
19 05 78	0910			.3		36322	6	20.9	180.	8.	32.	8.0	10.6	0.2	0.036
27 06 78	1350			.3		36371	6 9 8	14.2	200.	4. L	52.	12.8	8.4	0.4	0.034
20 07 78	1430			.3		36440	6 9	13.1	470.	104.	48.	22.0	9.8	0.8	0.046
30 08 78	1320			.3		36483	6	14.5	110.	4. L	4. L	17.0	11.4	0.2	0.054
27 09 78	1450			.3		36563	6 8 9	13.3	230.	12.	22.	14.5	13.5	0.4	0.040
25 10 78	0930			.3		36594	6	17.0	448.	8.	28.	3.5	11.9	0.4	0.022
15 11 78	1430			.3		36665	6	17.7	1660.	84.	108.	4.0	12.8	0.2	0.052
13 12 78	1000			.3		36731	4		500.	16.	76.	0.9	10.1	0.4	0.022
MAXIMUM								44.0	1660.	198.	112.	22.0	13.5	0.8	0.054
AVG OR GEOM MN (*)								19.3	439.*	19.* D	39.* D	8.4	11.2	0.3	0.037
MINIMUM								13.1	110.	4.	4.	0.0	8.4	0.2	0.015
NO OF SAMPLES								8	10	10	10	10	10	10	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
21 02 78	1450			.3		0.014	0.016	0.220	0.003	0.600	0.619	0.204	0.823	272.0	5.8
21 04 78	0900			.3		0.012	0.034	0.440	0.007	0.795	0.836	0.406	1.242	245.0	17.0
19 05 78	0910			.3		0.006	0.014	0.340	0.004	0.470	0.488	0.326	0.814	243.0	15.0
27 06 78	1350			.3		0.010	0.047	0.270	0.011	0.475	0.533	0.223	0.756	248.0	7.6
20 07 78	1430			.3		0.037	0.046	0.310	0.012	0.498	0.556	0.264	0.820	238.0	6.7
30 08 78	1320			.3		0.008	0.028	0.550	0.007	0.370	0.405	0.522	0.927	239.0	5.5
27 09 78	1450			.3		0.006	0.006	0.220	0.003	0.515	0.524	0.214	0.738	250.0	16.0
25 10 78	0930			.3		0.005	0.074	0.300	0.009	0.505	0.588	0.226	0.814	268.0	4.6
15 11 78	1430			.3		0.005	0.014	0.440	0.007	0.643	0.664	0.426	1.090	299.0	29.0
13 12 78	1000			.3		0.006	0.022	0.230	0.004	0.721	0.747	0.208	0.955	267.0	7.0
MAXIMUM						0.037	0.074	0.550	0.012	0.795	0.836	0.522	1.242	299.0	29.0
AVG OR GEOM MN (*)						0.011	0.030	0.332	0.007	0.559	0.596	0.302	0.898	256.9	11.4
MINIMUM						0.005	0.006	0.220	0.003	0.370	0.405	0.204	0.738	238.0	4.6
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
21 02 78	1450			.3		266	409	3.30	4.7
21 04 78	0900			.3		228	350	5.70	8.6
19 05 78	0910			.3		228	350	2.60	2.1
27 06 78	1350			.3		240	370	4.20	3.3
20 07 78	1430			.3		231	355	3.60	3.5
30 08 78	1320			.3		233	360	3.40	3.3
27 09 78	1450			.3		234	360	2.80	1.9
25 10 78	0930			.3		263	405	3.50	5.0
15 11 78	1430			.3		270	415	6.10	5.2
13 12 78	1000			.3		260	400	3.60	5.7
MAXIMUM						270	415	6.10	8.6
AVG OR GEOM MN (*)						245	377	3.88	4.3
MINIMUM						228	350	2.60	1.9
NO OF SAMPLES						10	10	10	10

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: AT LOCK NO 19 DAM PETERBOROUGH
STATION TYPE: RIVER

STATION ID: 17-0021-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 70 LAT: LONG: U T M: 17 0713800.0 4907250.0 4 REGION: 03 MILEAGE: 89.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78	1300			.3		36032	6	780.	104.	140.	0.0	14.4	0.4	0.003	0.002
21 02 78	1545			.3		36121	6	44.	2. L	14.	1.0	10.2	0.2	0.012	0.005
19 04 78	1328			.3		36238	6	260.	64.	20.	0.0	12.6	0.2	0.024	0.005
17 05 78	1510			.3		36305	6	416.	52.	38.	11.0	11.2	0.8	0.020	0.001
27 06 78	1420			.3		36367	6	11400.	278.	164.	15.0	8.4	0.6	0.087	0.043
20 07 78	1605			.3		36442	6	300.	4. L	4. L	24.0	7.3	0.8	0.023	0.001
29 08 78	1448			.3		36485	6	390.	8.	6.	23.0	9.6	1.0	0.025	0.001L
27 09 78	1545			.3		36565	6	90.	4. L	4.	16.0	10.4	1.0	0.053	0.001
25 10 78	0825			.3		36592	6	112.	2.	14.	6.9	11.6	0.2	0.020	0.002
15 11 78	1630			.3		36667	6	480.	36.	56.	6.0	12.2	1.0	0.014	0.001
13 12 78	0930			.3		36729	6	40.	24.	2. L	0.5	10.3	0.4	0.014	0.002
MAXIMUM								11400.	278.	164.	24.0	14.4	1.0	0.087	0.043
AVG OR GEOM MN (*)								284.*	17.* D	17.* D	9.4	10.7	0.6	0.027	0.006D
MINIMUM								40.	2.	2.	0.0	7.3	0.2	0.003	0.001
NO OF SAMPLES								11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78	1300			.3		0.058	0.400	0.002	0.103	0.163	0.342	0.505	148.0	2.7	
21 02 78	1545			.3		0.090	0.500	0.006	0.160	0.256	0.410	0.666	152.0	0.6	
19 04 78	1328			.3		0.078	0.460	0.004	0.295	0.377	0.382	0.759	152.0	4.1	
17 05 78	1510			.3		0.008	0.430	0.003	0.195	0.206	0.422	0.628	145.0	9.3	
27 06 78	1420			.3		0.025	0.710	0.008	0.330	0.363	0.685	1.048	295.0	2.5	293
20 07 78	1605			.3		0.004	0.450	0.002	0.005L	0.011	0.446	0.457	140.0	3.8	
29 08 78	1448			.3		0.052	0.580	0.002	0.005L	0.059	0.528	0.587	135.0	5.3	
27 09 78	1545			.3		0.016	0.490	0.002	0.010	0.028	0.474	0.502	144.0	8.1	
25 10 78	0825			.3		0.019	0.440	0.002	0.030	0.051	0.421	0.472	134.0	1.2	
15 11 78	1630			.3		0.023	0.400	0.002	0.043	0.068	0.377	0.445	136.0	3.0	
13 12 78	0930			.3		0.024	0.430	0.002	0.068	0.094	0.406	0.500	131.0	1.0	
MAXIMUM						0.090	0.710	0.008	0.330	0.377	0.685	1.048	295.0	9.3	293
AVG OR GEOM MN (*)						0.036	0.481	0.003	0.1130	0.152	0.445	0.597	155.6	3.8	293
MINIMUM						0.004	0.400	0.002	0.005	0.011	0.342	0.445	131.0	0.6	293
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	1

(C O N T D)

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: AT LOCK NO 19 DAM PETERBOROUGH
STATION TYPE: RIVER

STATION ID: 17-0021-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 70 LAT: LONG: U T M: 17 0713800.0 4907250.0 4 REGION: 03 MILEAGE: 89.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78	1300			.3		145	223	1.70	6.2
21 02 78	1545			.3		151	233	0.95	5.9
19 04 78	1328			.3		148	230	1.10	5.7
17 05 78	1510			.3		136	210	1.50	5.0
27 06 78	1420			.3			430	1.30	26.5
20 07 78	1605			.3		136	210	1.60	5.5
29 08 78	1448			.3		130	200	2.00	5.0
27 09 78	1545			.3		136	210	2.90	5.2
25 10 78	0825			.3		133	205	1.60	5.6
15 11 78	1630			.3		133	205	1.50	5.1
13 12 78	0930			.3		130	200	1.40	5.4
MAXIMUM						151	430	2.90	26.5
AVG OR GEOM MN (*)						138	232	1.60	7.4
MINIMUM						130	200	0.95	5.0
NO OF SAMPLES						10	11	11	11

B.O.W./ SITE: SALT CREEK
SAMPLE POINT: CONCESSION EAST HIGHWAY 30 4 MILES FROM MEYERSBURG
STATION TYPE: RIVER

STATION ID: 17-0021-071-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 71 LAT: LONG: U T M: 18 0274690.0 4897725.0 4 REGION: 03 MILEAGE: 26.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78	0915			.3		36022	4	300.	20.	620.	0.0	10.4	1.0	0.036	0.019
21 02 78	1030			.3		36108	4	160.	20.	608.	0.0	10.4	1.0	0.053	0.024
19 04 78	0830			.3		36224	6	1060.	16.	24.	4.2	10.1	0.4	0.051	0.007
17 05 78	0900			.3		36291	6	1500.	132.	144.	12.0	11.0	0.4	0.031	0.010
27 06 78	0800			.3		36353	6	400.	52.	128.	14.0	7.6	0.8	0.067	0.013
20 07 78	1000			.3		36426	6	410.	124.	136.	21.8	7.5	1.2	0.060	0.014
31 08 78	1200			.3		36489		300.	212.	188.			1.0	0.048	0.009
26 09 78	1250			.3		36549	6	340.	96.	204.	10.5	13.4	0.4	0.022	0.006
26 10 78	1300			.3		36615	6	1180.	72.	276.	6.9	11.3	1.0	0.030	0.004
15 11 78	0830			.3		36651	6	1100.	120.	600.	5.2	11.6	1.0	0.038	0.008
13 12 78	1420			.3		36745	6	100.	8.	60.	0.2	9.8	0.8	0.036	0.010
MAXIMUM								1500.	212.	620.	21.8	13.4	1.2	0.067	0.024
AVG OR GEOM MN (*)								453.*	52.*	185.*	7.5	10.3	0.8	0.043	0.011
MINIMUM								100.	8.	24.	0.0	7.5	0.4	0.022	0.004
NO OF SAMPLES								11	11	11	10	10	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
12 01 78	0915			.3		0.062	0.360	0.005	1.920	1.987	0.298	2.285	307.0	12.0	295
21 02 78	1030			.3		0.014	0.340	0.010	1.450	1.474	0.326	1.800	319.0	32.0	287
19 04 78	0830			.3		0.022	0.420	0.008	1.120	1.150	0.398	1.548	301.0	29.0	
17 05 78	0900			.3		0.010	0.390	0.013	1.240	1.263	0.380	1.643	312.0	11.0	301
27 06 78	0800			.3		0.045	0.430	0.013	0.480	0.538	0.385	0.923	297.0	37.0	
20 07 78	1000			.3		0.046	0.460	0.008	0.402	0.456	0.414	0.870	294.0	34.0	
31 08 78	1200			.3		0.024	0.500	0.008	0.420	0.452	0.476	0.928	277.0	20.0	
26 09 78	1250			.3		0.006	0.260	0.005	0.505	0.516	0.254	0.770	272.0	6.2	
26 10 78	1300			.3		0.002	0.240	0.006	0.700	0.708	0.238	0.946	287.0	11.0	
15 11 78	0830			.3		0.002	0.740	0.008	0.842	0.852	0.738	1.590	281.0	19.0	262
13 12 78	1420			.3		0.090	0.340	0.009	1.140	1.239	0.250	1.489	285.0	13.0	272
MAXIMUM						0.090	0.740	0.013	1.920	1.987	0.738	2.285	319.0	37.0	301
AVG OR GEOM MN (*)						0.029	0.407	0.008	0.929	0.967	0.378	1.345	293.8	20.4	283
MINIMUM						0.002	0.240	0.005	0.402	0.452	0.238	0.770	272.0	6.2	262
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78	0915			.3			493	5.30	8.3
21 02 78	1030			.3			470	24.00	9.5
19 04 78	0830			.3		272	420	9.10	6.5
17 05 78	0900			.3			445	3.90	6.9
27 06 78	0800			.3		260	400	15.00	4.0
20 07 78	1000			.3		260	400	12.00	3.5
31 08 78	1200			.3		257	400	7.80	4.2
26 09 78	1250			.3		266	410	4.00	4.8
26 10 78	1300			.3		276	425	11.00	5.9
15 11 78	0830			.3			470	6.60	6.6
13 12 78	1420			.3			435	6.00	6.1
MAXIMUM						276	493	24.00	9.5
AVG OR GEOM MN (*)						265	433	9.52	6.0
MINIMUM						257	400	3.90	3.5
NO OF SAMPLES						6	11	11	11

B.O.W./ SITE: PLATO CREEK
SAMPLE POINT: HIGHWAY 7 1 MILE EAST OF HAVELOCK
STATION TYPE: RIVER

STATION ID: 17-0021-072-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 72 LAT: LONG: U T M: 18 0272975.0 4923700.0 4 REGION: 03 MILEAGE: 61.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
21 02 78	1130			.3		36110	4	776.	218.	34.	0.0	7.6	0.2	0.041	0.041
19 04 78	0940			.3		36227	6	140.	2. L	2.	3.0	8.7	0.4	0.014	0.003
17 05 78	1020			.3		36294	6	150.	30.	44.	12.0	8.0	0.6	0.013	0.001
27 06 78	0930			.3		36356	5 8 9	450.	40.	74.	12.0	3.9	0.8	0.053	0.024
20 07 78	0920			.3		36429	5 8 9	1000.	260.	268.	21.5	4.4	1.8	0.090	0.046
30 08 78	1025			.3		36472	5 8 9	20.	68.	12.	19.0	4.1	0.8	0.046	0.022
27 09 78	0955			.3		36552	5 8 9	160.	72.	152.	11.9	5.3	1.2	0.095	0.018
26 10 78	1200			.3		36612	5 9	1240.	160.	276.	6.2	7.7	1.5	0.037	
15 11 78	0950			.3		36654	5 9	440.	40.	244.	4.0	8.0	0.4	0.077	0.016
13 12 78	1330			.3		36742	4	140.	4. L	16.	0.0	7.7	0.8	0.027	0.014
MAXIMUM								1240.	260.	276.	21.5	8.7	1.8	0.095	0.046
AVG OR GEOM MN (*)								266.*	42.* D	51.*	9.0	6.5	0.9	0.049	0.021
MINIMUM								20.	2.	2.	0.0	3.9	0.2	0.013	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
21 02 78	1130			.3		0.216	0.530	0.012	0.375	0.603	0.314	0.917	315.0	5.9	309
19 04 78	0940			.3		0.008	0.390	0.003	0.070	0.081	0.382	0.463	232.0	1.3	
17 05 78	1020			.3		0.008	0.460	0.004	0.005	0.017	0.452	0.469	246.0	1.6	
27 06 78	0930			.3		0.054	0.550	0.005	0.045	0.104	0.496	0.600	314.0	4.3	310
20 07 78	0920			.3		0.068	0.600	0.009	0.036	0.133	0.512	0.645	333.0	4.3	329
30 08 78	1025			.3		0.094	0.530	0.007	0.030	0.131	0.436	0.567	353.0	3.2	350
27 09 78	0955			.3		0.106	0.670	0.004	0.015	0.125	0.564	0.689	330.0	5.6	324
26 10 78	1200			.3		0.002	0.410	0.003	0.015	0.020	0.408	0.428	318.0	1.9	316
15 11 78	0950			.3		0.004	0.600	0.002	0.048	0.054	0.596	0.650	327.0	15.0	312
13 12 78	1330			.3		0.024	0.420	0.004	0.221	0.249	0.396	0.645	358.0	1.0	357
MAXIMUM						0.216	0.670	0.012	0.375	0.603	0.596	0.917	358.0	15.0	357
AVG OR GEOM MN (*)						0.060	0.516	0.005	0.086	0.152	0.456	0.607	312.6	4.4	326
MINIMUM						0.002	0.390	0.002	0.005	0.017	0.314	0.428	232.0	1.0	309
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
21 02 78	1130			.3			510	1.30	19.0
19 04 78	0940			.3		231	355	1.00	10.0
17 05 78	1020			.3		244	375	1.00	10.5
27 06 78	0930			.3			475	1.40	18.0
20 07 78	0920			.3			510	1.90	23.0
30 08 78	1025			.3			510	1.60	25.0
27 09 78	0955			.3			540	4.10	27.5
26 10 78	1200			.3			530	1.00	29.5
15 11 78	0950			.3			560	2.20	33.0
13 12 78	1330			.3			560	1.50	29.5
MAXIMUM						244	560	4.10	33.0
AVG OR GEOM MN (*)						238	493	1.70	22.5
MINIMUM						231	355	1.00	10.0
NO OF SAMPLES						2	10	10	10

B.O.W./ SITE: PIGEON RIVER
SAMPLE POINT: FEE LANDING 3 MILES NORTH OF OMEMEE
STATION TYPE: RIVER

STATION ID: 17-0021-074-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 74 LAT: LONG: U T M: 17 0695950.0 4912550.0 4 REGION: 03 MILEAGE: 141.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
20 04 78	1500			.3		36253	6	4. L	2. L	2.	0.9	10.4			
18 05 78	1525			.3		36320	6	204.	4.	6.	13.5	8.0			
28 06 78	0630			.3		36373	6	280.	8.	10.	14.0	8.6	1.8	0.026	0.001L
20 07 78	1745			.3		36446	6	10.	2.	14.	25.0	8.1	0.8	0.017	0.003
30 08 78	1630			.3		36487	6 9	10. L	2. L	2. L	23.0	11.0	0.4	0.019	0.001
28 09 78	1600			.3		36579	6 8	12.	2. L	4. L	15.0	10.4	0.4	0.012	0.001
24 10 78	1410			.3		36590	6	44.	2.	2.	5.5	12.8	0.5	0.014	0.001
16 11 78	0815			.3		36669	6				6.0	11.9	0.2	0.013	0.002
12 12 78	1415			.3		36727	4	4.	2.	2. L	0.2	10.5	0.8	0.005	0.001
MAXIMUM								280.	8.	14.	25.0	12.8	1.8	0.026	0.003
AVG OR GEOM MN (*)								22.* D	3.* D	4.* D	11.5	10.2	0.7	0.015	0.0010
MINIMUM								4.	2.	2.	0.2	8.0	0.2	0.005	0.001
NO OF SAMPLES								8	8	8	9	9	7	7	7

(C O N T D)

STATION ID: 17-0021-074-02

B.O.W./ SITE: PIGEON RIVER
SAMPLE POINT: FEE LANDING 3 MILES NORTH OF OMEMEE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 74 LAT: LONG: U T M: 17 0695950.0 4912550.0 4 REGION: 03 MILEAGE: 141.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
28 06 78 0630			.3		0.020	0.740	0.002	0.005	0.027	0.720	0.747	167.0	4.4	
20 07 78 1745			.3		0.020	0.690	0.003	0.007	0.030	0.670	0.700	121.0	1.3	
30 08 78 1630			.3		0.024	0.550	0.002	0.015	0.041	0.526	0.567	137.0	0.8	
28 09 78 1600			.3		0.012	0.510	0.002	0.005	0.019	0.498	0.517	206.0	0.9	
24 10 78 1410			.3		0.008	0.450	0.002	0.050	0.060	0.442	0.502	217.0	2.9	
16 11 78 0815			.3		0.006	0.150	0.002	0.553	0.561	0.144	0.705	248.0	4.0	
12 12 78 1415			.3		0.006	0.290	0.005	0.140	0.151	0.284	0.435	289.0	0.2	289
MAXIMUM					0.024	0.740	0.005	0.553	0.561	0.720	0.747	289.0	4.4	289
AVG OR GEOM MN (*)					0.014	0.483	0.003	0.111	0.127	0.469	0.596	197.9	2.1	289
MINIMUM					0.006	0.150	0.002	0.005	0.019	0.144	0.435	121.0	0.2	289
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
28 06 78 0630			.3		163	250	1.30	4.3
20 07 78 1745			.3		120	185	1.00	3.9
30 03 78 1630			.3		136	210	0.85	3.3
28 09 78 1600			.3		205	315	1.00	4.5
24 10 78 1410			.3		214	330	1.00	6.1
16 11 78 0815			.3		244	375	1.90	2.1
12 12 78 1415			.3			450	0.90	6.6
MAXIMUM					244	450	1.90	6.6
AVG OR GEOM MN (*)					180	302	1.14	4.4
MINIMUM					120	185	0.85	2.1
NO OF SAMPLES					6	7	7	7

STATION ID: 17-0021-075-02

B.O.W./ SITE: BURNT RIVER
SAMPLE POINT: FIRST BRIDGE 4 MILES SOUTH OF KINMOUNT
STATION TYPE: RIVER FLOW GAUGE FED 02HF003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 75 LAT: LONG: U T M: 17 0685250.0 4956500.0 4 REGION: 03 MILEAGE: 174.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
20 04 78 1115			.3		36247	6 9	2980.00	56.	2. L	4.	0.0	10.5	0.8	0.035
18 05 78 1115			.3		36314	6	2950.00	364.	6.	18.	10.8	10.6		
28 06 78 1240			.3		36379	6 8 9	233.00	340.	8.	38.	14.0	8.2	0.2	
18 07 78 1330			.3		36411	6 8 9	266.00	140.	14.	6.	23.5	6.3	0.2	0.012
29 08 78 1325			.3		36463	6 8 9	343.00	100.	48.	8.	1.9	9.1	0.2	0.013
28 09 78 1315			.3		36573	6 8 9	293.00	136.	8.	8.	12.2	10.0	0.2	0.006
24 10 78 1155			.3		36584	6	430.00	160.	16.	4.	7.0	11.8	0.2	0.016
16 11 78 1350			.3		36677	6	671.00				6.0	12.2	0.2	0.012
12 12 78 1100			.3		36714	4	688.00	60.	22.	22.	1.0	11.6	0.8	0.009
MAXIMUM							2980.00	364.	48.	38.	23.5	12.2	0.8	0.035
AVG OR GEOM MN (*)							983.78	137.*	11.* D	10.*	8.5	10.0	0.4	0.015
MINIMUM							233.00	56.	2.	4.	0.0	6.3	0.2	0.006
NO OF SAMPLES							9	8	8	8	9	9	8	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
20 04 78 1115			.3		0.001	0.040	0.460	0.004	0.175	0.219	0.420	0.639	71.0	20.0
28 06 78 1240			.3		0.001	0.022		0.003	0.040	0.065			73.0	0.8
18 07 78 1330			.3		0.001	0.014	0.300	0.002	0.028	0.044	0.286	0.330	69.0	1.4
29 08 78 1325			.3		0.001	0.030	0.350	0.003	0.050	0.083	0.320	0.403	72.0	0.5
28 09 78 1315			.3		0.001	0.010	0.300	0.002	0.035	0.047	0.290	0.337	64.0	0.3
24 10 78 1155			.3		0.001	0.004	0.300	0.003	0.035	0.042	0.296	0.338	71.0	3.5
16 11 78 1350			.3		0.001L	0.026	0.410	0.003	0.122	0.151	0.384	0.535	73.0	1.0
12 12 78 1100			.3		0.001	0.030	0.370	0.003	0.102	0.135	0.340	0.475	65.0	0.3
MAXIMUM					0.001	0.040	0.460	0.004	0.175	0.219	0.420	0.639	73.0	20.0
AVG OR GEOM MN (*)					0.001D	0.022	0.356	0.003	0.073	0.098	0.334	0.437	69.8	3.5
MINIMUM					0.001	0.004	0.300	0.002	0.028	0.042	0.286	0.330	64.0	0.3
NO OF SAMPLES					8	8	7	8	8	8	7	7	8	8

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
20 04 78	1115			.3		51	78	2.50	2.7				
28 06 78	1240			.3		72	110	1.20	3.9				
18 07 78	1330			.3		68	105	1.70	3.5				
29 08 78	1325			.3		72	110	0.75	3.3		2.2	39	7.80
28 09 78	1315			.3		64	99	1.60	3.0				
24 10 78	1155			.3		67	103	1.90	3.2	12.5		34	7.52
16 11 78	1350			.3		72	110	2.00	3.9				
12 12 78	1100			.3		65	101	1.10	3.2				
MAXIMUM						72	110	2.50	3.9	12.5	2.2	39	7.80
AVG OR GEOM MN (*)						66	102	1.59	3.3	12.5	2.2	37	7.66
MINIMUM						51	78	0.75	2.7	12.5	2.2	34	7.52
NO OF SAMPLES						8	8	8	8	1	1	2	2

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 503 BRIDGE NORLAND
STATION TYPE: RIVER FLOW GAUGE FED 02HF002

STATION ID: 17-0021-076-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 76 LAT: LONG: U T M: 17 0673310.0 4954950.0 4 REGION: 03 MILEAGE: 173.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 02 78	1230			.3		36130	6	456.00	80.	2. L	2. L	0.0	11.6	0.2	0.001L
20 04 78	1150			.3		36248	6	901.00	8.	2. L	2. L	0.0	11.1	0.6	0.011
18 05 78	1230			.3		36315	6	1150.00	440.	2. L	2.	8.5	10.7		
28 06 78	1305			.3		36380	6	533.00	640.	16.	14.	13.2	8.5	0.2	0.005
18 07 78	1400			.3		36412	6	795.00	10.	2. L	12.	23.5	6.2	0.2	0.005
29 08 78	1300			.3		36452	6	685.00	28.	10.	6.	19.0	9.3	0.6	0.051
28 09 78	1345			.3		36574	6 8	530.00	4.	4. L	20.	13.0	10.3	0.2	0.005
24 10 78	1230			.3		36585	6	516.00	168.	2.	2.	7.5	11.5	0.2	0.010
16 11 78	1420			.3		36678	6	565.00				6.0	12.6	0.2	0.007
12 12 78	1130			.3		36715	6	722.00	4.	2. L	2. L	1.8	11.7	0.2	0.005
MAXIMUM								1150.00	640.	16.	20.	23.5	12.6	0.6	0.051
AVG OR GEOM MN (*)								685.30	37.*	3.* D	4.* D	9.3	10.4	0.3	0.011D
MINIMUM								456.00	4.	2.	2.	0.0	6.2	0.2	0.001
NO OF SAMPLES								10	9	9	9	10	10	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 02 78	1230			.3		0.001L	0.014	0.350	0.002	0.120	0.136	0.336	0.472	42.0	0.5
20 04 78	1150			.3		0.001L	0.012	0.280	0.003	0.155	0.170	0.268	0.438	46.0	1.8
28 06 78	1305			.3		0.001L	0.012	0.240	0.002	0.060	0.074	0.228	0.302	50.0	1.3
18 07 78	1400			.3		0.001	0.008	0.240	0.002	0.023	0.033	0.232	0.265	48.0	1.6
29 08 78	1300			.3		0.030	0.018	0.290	0.002	0.010	0.030	0.272	0.302		
28 09 78	1345			.3		0.001	0.008	0.230	0.001	0.015	0.024	0.222	0.246	42.0	0.5
24 10 78	1230			.3		0.001	0.008	0.210	0.002	0.050	0.060	0.202	0.262	43.0	0.6
16 11 78	1420			.3		0.001L	0.010	0.230	0.002	0.103	0.115	0.220	0.335	46.0	0.5
12 12 78	1130			.3		0.001	0.022	0.220	0.001	0.154	0.177	0.198	0.375	44.0	0.1
MAXIMUM						0.030	0.022	0.350	0.003	0.155	0.177	0.336	0.472	50.0	1.8
AVG OR GEOM MN (*)						0.0040	0.012	0.254	0.002	0.077	0.091	0.242	0.333	45.1	0.9
MINIMUM						0.001	0.008	0.210	0.001	0.010	0.024	0.198	0.246	42.0	0.1
NO OF SAMPLES						9	9	9	9	9	9	9	9	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 02 78	1230			.3		42	65	1.00	1.8				
20 04 78	1150			.3		44	67	1.10	2.0				
28 06 78	1305			.3		49	76	0.80	2.1				
18 07 78	1400			.3		46	70	0.40	2.0				
29 08 78	1300			.3			65	0.60	1.9		0.7	17	0.72
28 09 78	1345			.3		42	64	1.10	2.0			16	7.45
24 10 78	1230			.3		42	64	1.20	2.1	12.0		18	7.84
16 11 78	1420			.3		45	69	0.90	2.0	10.5		18	7.24
12 12 78	1130			.3		44	68	0.80	2.0				
MAXIMUM						49	76	1.20	2.1	12.0	0.7	18	7.84
AVG OR GEOM MN (*)						44	68	0.88	2.0	11.3	0.7	17	5.81
MINIMUM						42	64	0.40	1.8	10.5	0.7	16	0.72
NO OF SAMPLES						8	9	9	9	2	1	4	4

B.O.W./ SITE: BAXTER CREEK STATION ID: 17-0021-077-02
SAMPLE POINT: AT CONCESSION NO 5 TWP OF CAVAN
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

STN NO: 77 LAT: LONG: U T M: 17 0703375.0 4889850.0 4 REGION: 03 MILEAGE: 87.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
21 02 78	1415			.3		36118	6	12.	2.	2. L	2.0	10.8	0.2	0.015	0.013
21 04 78	0930			.3		36254	6	230.	12.	40.	0.0	12.0	0.4	0.040	0.008
19 05 78	0840			.3		36321	6	1220.	116.	56.	8.8	11.2	0.2	0.018	0.006
27 06 78	1330			.3		36372	6	60.	4. L	16.	12.0	9.1	0.2	0.027	0.005
20 07 78	1420			.3		36439	6	110.	20.	104.	18.5	8.9	0.8	0.026	0.009
30 08 78	1300			.3		36482	6	40.	16.	4. L	16.4	10.4	0.4	0.018	0.009
27 09 78	1420			.3		36562	6	100.	16.	48.	14.8	10.4	0.2	0.021	0.005
25 10 78	1010			.3		36595	6	16.	4. L	4.	4.5	12.5	0.4	0.025	0.004
15 11 78	1415			.3		36664	6	88.	4.	14.	5.5	12.6	0.4	0.009	0.004
13 12 78	1020			.3		36732	6	50.	2. L	8.	1.9	9.6	0.4	0.011	0.006
MAXIMUM								1220.	116.	104.	18.5	12.6	0.8	0.040	0.013
AVG OR GEOM MN (*)								76.*	8.* D	15.* D	8.4	10.8	0.4	0.021	0.007
MINIMUM								12.	2.	2.	0.0	8.9	0.2	0.009	0.004
NO OF SAMPLES								10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
21 02 78	1415			.3		0.090	0.120	0.005	0.315	0.410	0.030	0.440	240.0	2.5	237
21 04 78	0930			.3		0.020	0.370	0.004	0.535	0.559	0.350	0.909	212.0	17.0	195
19 05 78	0840			.3		0.018	0.320	0.007	0.415	0.440	0.302	0.742	266.0	2.8	263
27 06 78	1330			.3		0.006	0.250	0.004	0.515	0.525	0.244	0.769	233.0	5.8	227
20 07 78	1420			.3		0.004	0.290	0.004	0.516	0.524	0.286	0.810	229.0	4.8	224
30 08 78	1300			.3		0.020	0.200	0.004	0.425	0.449	0.180	0.629	231.0	10.0	221
27 09 78	1420			.3		0.010	0.250	0.006	0.750	0.766	0.240	1.006	252.0	5.4	247
25 10 78	1010			.3		0.006	0.110	0.002	0.530	0.538	0.104	0.642	244.0	3.7	240
15 11 78	1415			.3		0.010	0.160	0.002	0.538	0.550	0.150	0.700	247.0	3.0	244
13 12 78	1020			.3		0.016	0.150	0.002	0.633	0.651	0.134	0.785	240.0	3.0	237
MAXIMUM						0.090	0.370	0.007	0.750	0.766	0.350	1.006	266.0	17.0	263
AVG OR GEOM MN (*)						0.020	0.222	0.004	0.517	0.541	0.202	0.743	239.4	5.8	234
MINIMUM						0.004	0.110	0.002	0.315	0.410	0.030	0.440	212.0	2.5	195
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
21 02 78	1415			.3		364	1.70	1.9
21 04 78	0930			.3		300	4.00	2.0
19 05 78	0840			.3		405	2.00	6.3
27 06 78	1330			.3		350	1.30	1.6
20 07 78	1420			.3		345	2.00	2.0
30 08 78	1300			.3		340	1.50	1.8
27 09 78	1420			.3		380	2.50	4.2
25 10 78	1010			.3		370	2.60	2.0
15 11 78	1415			.3		375	1.60	2.2
13 12 78	1020			.3		365	1.60	2.1
MAXIMUM						405	4.00	6.3
AVG OR GEOM MN (*)						359	2.08	2.6
MINIMUM						300	1.30	1.6
NO OF SAMPLES						10	10	10

B.O.W./ SITE: PLATO CREEK STATION ID: 17-0021-078-02
SAMPLE POINT: AT OLD ROUND LAKE ROAD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

STN NO: 78 LAT: LONG: U T M: 18 0267325.0 4924650.0 0 REGION: 03 MILEAGE: 65.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
21 02 78	1135			.3		36111	4	60.	4.	8.	0.0	5.2	1.0	0.011	0.010
19 04 78	1015			.3		36228	6	36.	2. L	6.	2.5	10.5	0.2	0.008	0.001
17 05 78	1035			.3		36295	6	212.	14.	24.	12.0	7.7	0.4	0.008	0.001
27 06 78	0945			.3		36357	9 8 5	690.	2. L	224.	14.5	5.4	1.6	0.072	0.010
20 07 78	1000			.3		36430	5 8 9	500.	50.	152.	22.5	3.4	2.0	0.026	0.009
30 08 78	0930			.3		36473	5 7 9	50.	72.	44.	17.0	5.5	5.0	0.280	0.005
27 09 78	1020			.3		36553	5 7 9	180.	12.	234.	15.8	4.8	1.8	0.114	0.019
26 10 78	1135			.3		36611	8 5	2300.	570.	148.	6.5	7.2	1.0	0.022	
15 11 78	1030			.3		36655	5 8	140.	10.	100.	4.9	9.1	1.8	0.050	0.005
13 12 78	1300			.3		36741	6	110.	4.	12.	1.2	7.7	1.2	0.020	0.007
MAXIMUM								2300.	570.	234.	22.5	10.5	5.0	0.280	0.019
AVG OR GEOM MN (*)								186.*	14.* D	48.*	9.7	6.7	1.6	0.061	0.007
MINIMUM								36.	2.	6.	0.0	3.4	0.2	0.008	0.001
NO OF SAMPLES								10	10	10	10	10	10	10	9

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	23 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
21 02 78 1135			.3		0.104	0.510	0.007	0.025	0.136	0.406	0.542	274.0	4.2	
19 04 78 1015			.3		0.010	0.300	0.003	0.065	0.078	0.290	0.368	199.0	1.3	
17 05 78 1035			.3		0.002	0.430	0.003	0.005	0.010	0.428	0.438	238.0	1.3	
27 06 78 0945			.3		0.060	1.220	0.004	0.030	0.094	1.160	1.254	161.0	2.1	
20 07 78 1000			.3		0.040	1.110	0.004	0.006	0.050	1.070	1.120	188.0	2.9	
30 08 78 0930			.3		0.620	3.390	0.007	0.025	0.652	2.770	3.422	329.0	21.0	308
27 09 78 1020			.3		0.560	1.570	0.004	0.025	0.589	1.110	1.699	320.0	7.7	312
26 10 78 1135			.3		0.002	0.520	0.003	0.040	0.045	0.518	0.563	315.0	1.2	314
15 11 78 1030			.3		0.047	1.050	0.003	0.052	0.102	1.003	1.105	256.0	7.0	249
13 12 78 1300			.3		0.174	0.850	0.005	0.090	0.269	0.676	0.945	358.0	0.7	357
MAXIMUM					0.520	3.390	0.007	0.090	0.652	2.770	3.422	358.0	21.0	357
AVG OR GEOM MN (*)					0.162	1.105	0.004	0.036	0.203	0.943	1.146	263.8	4.9	306
MINIMUM					0.002	0.300	0.003	0.005	0.010	0.290	0.368	161.0	0.7	249
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
21 02 78 1135			.3		270	416	1.80	3.1
19 04 78 1015			.3		198	305	0.80	1.8
17 05 78 1035			.3		237	365	0.70	8.4
27 06 78 0945			.3		159	245	0.90	1.3
20 07 78 1000			.3		185	285	0.90	2.0
30 08 78 0930			.3			440	4.20	3.3
27 09 78 1020			.3			475	1.50	4.8
26 10 78 1135			.3			510	2.50	21.0
15 11 78 1030			.3			450	1.70	4.9
13 12 78 1300			.3			475	0.90	3.9
MAXIMUM					270	510	4.20	21.0
AVG OR GEOM MN (*)					210	397	1.59	5.4
MINIMUM					159	245	0.70	1.3
NO OF SAMPLES					5	10	10	10

B.O.W./ SITE: PLATO CREEK
SAMPLE POINT: AT FREEMAN CORNERS BRIDGE
STATION TYPE: RIVER

STATION ID: 17-0021-081-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 81 LAT: LONG: U T M: 18 0278100.0 4928750.0 4 REGION: 03 MILEAGE: 54.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
27 06 78 1125			.3		29014	6	200.	4. L	36.	25.6	10.0	0.5L	0.028	0.014
18 07 78 1205			.3		29030		1100.	800.	472.	24.0	13.0	0.5L	0.036	0.012
20 08 78 1115			.3		29298	6						1.5	0.012	0.002
20 09 78 1135			.3		29067	6				16.0	13.0	0.4	0.028	0.006
21 11 78 1145			.3		29107	6				0.5	13.0	1.1	0.024	0.002
MAXIMUM							1100.	800.	472.	25.6	13.0	1.5	0.036	0.014
AVG OR GEOM MN (*)							469.*	57.* D	130.*	16.5	12.3	0.80	0.026	0.007
MINIMUM							200.	4.	36.	0.5	10.0	0.4	0.012	0.002
NO OF SAMPLES							2	2	2	4	4	5	5	5

SAMP DTE HOLR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
27 06 78 1125			.3		0.020	0.750	0.004	0.020L	0.044	0.730	0.774	5.0L	315	485
18 07 78 1205			.3		0.040	0.670	0.004	0.020L	0.064	0.630	0.694	5.0	322	495
20 08 78 1115			.3		0.040	0.330				0.290	0.02 L	5.0L	99	152
20 09 78 1135			.3		0.030	0.490	0.004	0.020L	0.054	0.460	0.514	5.0L	299	460
21 11 78 1145			.3		0.030	0.600	0.006	0.020L	0.056	0.570	0.626	5.0L	312	480
MAXIMUM					0.040	0.750	0.006	0.020	0.064	0.730	0.774	5.0	322	495
AVG OR GEOM MN (*)					0.032	0.568	0.005	0.020D	0.055	0.536	0.526D	5.00	269	414
MINIMUM					0.020	0.330	0.004	0.020	0.044	0.290	0.02	5.0	99	152
NO OF SAMPLES					5	5	4	4	4	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
27 06 78 1125			.3		1.80	24.0
18 07 78 1205			.3		2.40	19.0
20 08 78 1115			.3		1.80	3.0
20 09 78 1135			.3		1.90	21.0
21 11 78 1145			.3		1.00	28.0
MAXIMUM					2.40	28.0
AVG OR GEOM MN (*)					1.78	19.0
MINIMUM					1.00	3.0
NO OF SAMPLES					5	5

```
 B.O.W./ SITE: CROWE RIVER                                                                STATION ID:  17-0021-082-02
 SAMPLE POINT: AT BRIDGE ON CORDOVA ROAD NEAR ROCKDALE
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                        004
                                                    TERM STREAM: TRENT RIVER                                         1220

STN NO:     82    LAT:             LONG:              U T M: 18 0277450.0 4931600.0 4    REGION: 03           MILEAGE:    56.30

                                        934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO              COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                            MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

27 06 78 1117              .3         29013          6       200.      4.  L      4.  L       27.8       10.0       0.5L      0.016      0.002
18 07 78 1220              .3         29031                  200.        24.       120.       24.0       12.0       0.5L      0.010      0.004
20 08 78 1135              .3         29299          6        10.     10.  L     10.  L                              1.5      0.040      0.012
20 09 78 1150              .3         29068          6                                        19.5       13.0        0.2      0.012      0.004
21 11 78 1135              .3         29108          6                                         0.0       14.0        0.7      0.010      0.002

                      MAXIMUM                                200.        24.       120.       27.8       14.0        1.5      0.040      0.012
           AVG OR GEOM MN (*)                                74.*     10.* D     17.* D       17.8       12.3       0.7D      0.018      0.005
                      MINIMUM                                 10.         4.         4.        0.0       10.0        0.2      0.010      0.002

                NO OF SAMPLES                                   3          3          3          4          4          5          5          5

                                         19         20         21         22         17         18         23          6        107         14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      SUSP.     CALCUL      COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS   D-SOLIDS        25C
               FEET      MTRS          MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L   MG/L           UMHOS

27 06 78 1117              .3         0.030      0.500      0.004     0.020L      0.054      0.470      0.524       5.0L         98        150
18 07 78 1220              .3         0.040      0.320      0.002     0.020L      0.062      0.280      0.342        5.0                   156
20 08 78 1135              .3         0.040      0.560                                       0.520       0.10       5.0L        101        156
20 09 78 1150              .3         0.030      0.250      0.002     0.020L      0.052      0.220      0.272       5.0L         99        152
21 11 78 1135              .3         0.040      0.340      0.006      0.030      0.076      0.300      0.376       5.0L        104        160

                      MAXIMUM         0.040      0.560      0.006      0.030      0.076      0.520      0.524        5.0        104        160
           AVG OR GEOM MN (*)         0.036      0.394      0.004     0.023D      0.061      0.358      0.323       5.00        101        155
                      MINIMUM         0.030      0.250      0.002      0.020      0.052      0.220       0.10        5.0         98        150

                NO OF SAMPLES             5          5          4          4          4          5          5          5          4          5

                                         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L
               FEET      MTRS         UNITS

27 06 78 1117              .3          1.10        6.5
18 07 78 1220              .3          1.10        3.0
20 08 78 1135              .3          2.50       23.0
20 09 78 1150              .3          1.00        3.3
21 11 78 1135              .3          1.00        4.8

                      MAXIMUM          2.50       23.0
           AVG OR GEOM MN (*)          1.34        8.1
                      MINIMUM          1.00        3.0

                NO OF SAMPLES             5          5




 B.O.W./ SITE: CROWE RIVER                                                                STATION ID:  17-0021-083-02
 SAMPLE POINT: AT BRIDGE ON FIRST ROAD ABOVE BELMONT LAKE
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                        004
                                                    TERM STREAM: TRENT RIVER                                         1220

STN NO:     83    LAT:             LONG:              U T M: 18 0275875.0 4934950.0 4    REGION: 03           MILEAGE:    59.30

                                        934        901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO              COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
               FEET      MTRS                            MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

27 06 78 1105              .3         29012          6      3000.      4.  L      4.  L       25.6       10.0       0.5L      0.016      0.002
18 07 78 1000              .3         29025                  100.      4.  L        16.       24.0        9.0       0.5L      0.006      0.004
20 08 78 0930              .3         29293          6                                                               0.6      0.010      0.004
20 09 78 0930              .3         29061          6                                        18.0       14.0       0.2L      0.012      0.004
21 11 78 0930              .3         29101          6                                         0.5       16.0        1.2      0.014      0.002

                      MAXIMUM                               3000.         4.        16.       25.6       16.0        1.2      0.016      0.004
           AVG OR GEOM MN (*)                               548.*      4.* D      8.* D       17.0       12.3       0.6D      0.012      0.003
                      MINIMUM                                100.         4.         4.        0.5        9.0        0.2      0.006      0.002

                NO OF SAMPLES                                   2          2          2          4          4          5          5          5

                                         19         20         21         22         17         18         23          6        107         14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      SUSP.     CALCUL      COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS   D-SOLIDS        25C
               FEET      MTRS          MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L   MG/L           UMHOS

27 06 78 1105              .3         0.040      0.570      0.004     0.020L      0.064      0.530      0.594       5.0L        101        156
18 07 78 1000              .3         0.030      0.320      0.004     0.020L      0.054      0.290      0.344        1.0        101        155
20 08 78 0930              .3         0.030      0.340                                       0.310       0.02       5.0L        103        158
20 09 78 0930              .3         0.040      0.210      0.002     0.020L      0.062      0.170      0.232       5.0L        100        154
21 11 78 0930              .3         0.050      0.380      0.008      0.050      0.108      0.330      0.438       5.0L         98        150

                      MAXIMUM         0.050      0.570      0.008      0.050      0.108      0.530      0.594        5.0        103        158
           AVG OR GEOM MN (*)         0.038      0.364      0.005     0.028D      0.072      0.326      0.326       4.2D        101        155
                      MINIMUM         0.030      0.210      0.002      0.020      0.054      0.170       0.02        1.0         98        150

                NO OF SAMPLES             5          5          4          4          4          5          5          5          5          5

                                         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN       MG/L
               FEET      MTRS         UNITS

27 06 78 1105              .3          0.67        7.8
18 07 78 1000              .3          1.00        3.5
20 08 78 0930              .3          1.60        3.5
20 09 78 0930              .3          1.00        3.5
21 11 78 0930              .3          1.30        4.0

                      MAXIMUM          1.60        7.8
           AVG OR GEOM MN (*)          1.11        4.5
                      MINIMUM          0.67        3.5

                NO OF SAMPLES             5          5
```

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: AT CORDOVA LAKE OUTLET DAM NEAR FISH HATCHERY
STATION TYPE: RIVER
STATION ID: 17-0021-084-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 84 LAT: LONG: U T M: 18 0275650.0 4937400.0 4 REGION: 03 MILEAGE: 61.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
27 06 78 1049			.3		29011	6	20.	4. L	4. L	23.3	10.0	0.5L	0.014	0.002
18 07 78 1015			.3		29026		10.	4. L	4. L	25.0	11.0	0.5L	0.024	0.012
20 08 78 0945			.3		29294	6						2.0	0.012	0.004
20 09 78 0945			.3		29062	6				18.0	13.0	0.2L	0.014	0.002
21 11 78 0945			.3		29102	6				0.5	15.0	0.5	0.012	0.002
MAXIMUM							20.	4.	4.	25.0	15.0	2.0	0.024	0.012
AVG OR GEOM MN (*)							14.*	4.* D	4.* D	16.7	12.3	0.70	0.015	0.004
MINIMUM							10.	4.	4.	0.5	10.0	0.2	0.012	0.002
NO OF SAMPLES							2	2	2	4	4	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
27 06 78 1049			.3		0.030	0.600	0.004	0.020L	0.054	0.570	0.624	5.0L	101	156
18 07 78 1015			.3		0.060	0.560	0.002	0.020L	0.102	0.480	0.582	1.0L	101	155
20 08 78 0945			.3		0.040	0.340				0.300	0.02 L	5.0L	100	154
20 09 78 0945			.3		0.040	0.250	0.002	0.020L	0.062	0.210	0.272	5.0L	101	156
21 11 78 0945			.3		0.040	0.390	0.008	0.050	0.098	0.350	0.448	5.0L	94	145
MAXIMUM					0.080	0.600	0.008	0.050	0.102	0.570	0.624	5.0	101	156
AVG OR GEOM MN (*)					0.046	0.428	0.004	0.028D	0.079	0.382	0.389D	4.2D	99	153
MINIMUM					0.030	0.250	0.002	0.020	0.054	0.210	0.02	1.0	94	145
NO OF SAMPLES					5	5	4	4	4	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
27 06 78 1049			.3		1.00	7.2
18 07 78 1015			.3		0.81	3.5
20 08 78 0945			.3		1.50	3.5
20 09 78 0945			.3		1.00	3.5
21 11 78 0945			.3		1.10	15.0
MAXIMUM					1.50	15.0
AVG OR GEOM MN (*)					1.08	6.5
MINIMUM					0.81	3.5
NO OF SAMPLES					5	5

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: AT BRIDGE ON CORDOVA MINES-VANSICKE ROAD
STATION TYPE: RIVER
STATION ID: 17-0021-085-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STORET CODE: 02
004
1220

STN NO: 85 LAT: LONG: U T M: 18 0277100.0 4941000.0 4 REGION: 04 MILEAGE: 63.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
27 06 78 1022			.3		29010	9	20.	4. L	4.	25.6	10.0	0.5L	0.014	0.002
18 07 78 1045			.3		29027		100.	4. L	8.	25.0	11.0	0.5L	0.014	0.004
20 08 78 1010			.3		29295	6						1.2	0.010	0.004
20 09 78 1010			.3		29063	6				18.5	14.0	0.2L	0.014	0.004
21 11 78 1010			.3		29103	6				0.0	16.0	2.0	0.014	0.002
MAXIMUM							100.	4.	8.	25.6	16.0	2.0	0.014	0.004
AVG OR GEOM MN (*)							45.*	4.* D	6.*	17.3	12.8	0.9D	0.013	0.003
MINIMUM							20.	4.	4.	0.0	10.0	0.2	0.010	0.002
NO OF SAMPLES							2	2	2	4	4	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
27 06 78 1022			.3		0.030	0.500	0.004	0.020L	0.054	0.470	0.524	5.0L	101	155
18 07 78 1045			.3		0.040	0.420	0.002	0.020L	0.062	0.380	0.442	3.0	101	155
20 08 78 1010			.3		0.020	0.300				0.280	0.02 L	5.0L	101	156
20 09 78 1010			.3		0.020	0.290	0.002	0.020L	0.042	0.270	0.312	5.0L	103	158
21 11 78 1010			.3		0.030	0.370	0.008	0.030	0.068	0.340	0.408	5.0L	94	145
MAXIMUM					0.040	0.500	0.008	0.030	0.068	0.470	0.524	5.0	103	158
AVG OR GEOM MN (*)					0.028	0.376	0.004	0.0230	0.057	0.348	0.341D	4.6D	100	154
MINIMUM					0.020	0.290	0.002	0.020	0.042	0.270	0.02	3.0	94	145
NO OF SAMPLES					5	5	4	4	4	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
27 06 78 1022			.3		1.20	7.0
18 07 78 1045			.3		1.20	3.8
20 08 78 1010			.3		2.00	3.5
20 09 78 1010			.3		1.00	3.5
21 11 78 1010			.3		1.40	4.3
MAXIMUM					2.00	7.0
AVG OR GEOM MN (*)					1.36	4.4
MINIMUM					1.00	3.5
NO OF SAMPLES					5	5

```
B.O.W./ SITE: CROWE RIVER                                                                          STATION ID:  17-0021-086-02
SAMPLE POINT: NEAR THE COMMUNITY OF LAKE
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                        004
                                                      TERM STREAM: TRENT RIVER                                         1220

STN NO:     86    LAT:              LONG:             U T M: 18 0271950.0 4961275.0 4    REGION: 04          MILEAGE:   81.90

                                     934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

27 06 78 0920              .3       29006    6       10.  L     4.        4.  L      20.0       6.0       0.5L     0.020     0.004
18 07 78 1450              .3       29021    6      100.       28.        4.         22.5       8.0       0.5L     0.016     0.006
22 08 78 1400              .3       29046    6       10.       10.  L    10.  L      20.0       9.0       1.4      0.016     0.002
11 11 78 1432              .3       29096    6                                        0.0       4.0       0.2      0.016     0.004

                      MAXIMUM                       100.       28.       10.         22.5       9.0       1.4      0.020     0.006
          AVG OR GEOM MN (*)                         22.* D    10.* D     5.* D      15.6       6.8       0.7D     0.017     0.004
                      MINIMUM                        10.        4.        4.          0.0       4.0       0.2      0.016     0.002

                NO OF SAMPLES                          3         3         3           4         4         4         4         4

                                      19        20        21        22        17        18        23         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.  CALCUL        COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N             SOLIDS  D-SOLIDS       25C
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

27 06 78 0920              .3        0.020     0.600     0.004     0.020     0.044     0.580     0.624      5.0L       107       165
18 07 78 1450              .3        0.040     0.380     0.008     0.020     0.068     0.340     0.408      2.0        110       170
22 08 78 1400              .3        0.030     0.420                                  0.390     0.04       5.0L       104       160
11 11 78 1432              .3        0.050     0.450     0.008     0.030     0.088     0.400     0.488      5.0L       101       155

                      MAXIMUM        0.050     0.600     0.008     0.030     0.088     0.580     0.624      5.0        110       170
          AVG OR GEOM MN (*)         0.035     0.463     0.007     0.023     0.067     0.428     0.390      4.3D       106       163
                      MINIMUM        0.020     0.380     0.004     0.020     0.044     0.340     0.04       2.0        101       155

                NO OF SAMPLES            4         4         3         3         3         4         4         4         4         4

                                      16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L
               FEET      MTRS       UNITS

27 06 78 0920              .3         1.50       7.3
18 07 78 1450              .3         1.90       3.8
22 08 78 1400              .3         3.20       3.3
11 11 78 1432              .3         1.50       3.8

                      MAXIMUM         3.20       7.3
          AVG OR GEOM MN (*)          2.03       4.6
                      MINIMUM         1.50       3.3

                NO OF SAMPLES            4         4
```

```
B.O.W./ SITE: DEER CREEK                                                                           STATION ID:  17-0021-087-02
SAMPLE POINT: AT WOLLASTON LAKE OUTLET DAM NEAR THE RIDGE
STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                        004
                                                      TERM STREAM: TRENT RIVER                                         1221

STN NO:     87    LAT:              LONG:             U T M: 18 0275425.0 4965575.0 4    REGION: 04          MILEAGE:   84.80

                                     934       901       80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

27 06 78 1245              .3       29002    6       20.       20.        4.  L      25.0      10.0       0.5      0.014     0.004
18 07 78 1031              .3       29018    6      400.        4.  L     4.  L      25.0       7.0       0.5L     0.014     0.004
22 08 78 1030              .3       29042    6                                       22.0      11.0       1.1      0.016     0.004
21 11 78 1058              .3       29092    6                                        1.0      10.0       0.4      0.016     0.004

                      MAXIMUM                       400.       20.        4.         25.0      11.0       1.1      0.016     0.004
          AVG OR GEOM MN (*)                         89.*       9.* D     4.* D      18.3       9.5       0.60     0.015     0.004
                      MINIMUM                        20.        4.        4.          1.0       7.0       0.4      0.014     0.004

                NO OF SAMPLES                          2         2         2           4         4         4         4         4

                                      19        20        21        22        17        18        23         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.  CALCUL        COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N             SOLIDS  D-SOLIDS       25C
               FEET      MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

27 06 78 1245              .3        0.040     0.500     0.004     0.020L    0.064     0.460     0.524      5.0L       110       170
18 07 78 1031              .3        0.060     0.520     0.004     0.020L    0.084     0.460     0.544      1.0        107       165
22 08 78 1030              .3        0.040     0.430                                  0.390     0.02 L     5.0L        97       149
21 11 78 1058              .3        0.070     0.500     0.010     0.050     0.130     0.430     0.560      5.0L       107       165

                      MAXIMUM        0.070     0.520     0.010     0.050     0.130     0.460     0.560      5.0        110       170
          AVG OR GEOM MN (*)         0.053     0.488     0.006     0.030D    0.093     0.435     0.412D     4.0D       105       162
                      MINIMUM        0.040     0.430     0.004     0.020     0.064     0.390     0.02       1.0         97       149

                NO OF SAMPLES            4         4         3         3         3         4         4         4         4         4

                                      16        56
SAMP DTE HOUR  STN  STN SAMP  PJ    TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L
               FEET      MTRS       UNITS

27 06 78 1245              .3         1.00       7.0
18 07 78 1031              .3         1.10       4.3
22 08 78 1030              .3         2.40       3.3
21 11 78 1058              .3         1.00       4.8

                      MAXIMUM         2.40       7.0
          AVG OR GEOM MN (*)          1.38       4.9
                      MINIMUM         1.00       3.3

                NO OF SAMPLES            4         4
```

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  25 OCT 79  PAGE   599

 B.O.W./ SITE: CHANDOS LAKE OUTLET                                                          STATION ID:  17-0021-088-02
 SAMPLE POINT: AT HIGHWAY NO 620 77 1
 STATION TYPE: RIVER   FLOW GAUGE FED 02HK005            MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                   004
                                                         TERM STREAM: TRENT RIVER                                    1220

STN NO:     88    LAT:              LONG:                U T M: 18 0264200.0 4969550.0 4    REGION: 03            MILEAGE:   95.30

                                         934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
               FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

27 06 78 1000              .3          29005   6         135.00     10.  L     4.  L     4.  L     21.0      13.0       0.5L    0.018
18 07 78 1225              .3          29020   8          63.20    100.  L     4.  L     4.  L     26.0      10.0       0.5L    0.014
22 08 78 1220              .3          29045   6          57.60                                    24.0      11.0        1.4     0.010
11 11 78 1352              .3          29095   6         102.00                                     0.0        7.0       0.4     0.012

                      MAXIMUM                            135.00    100.        4.        4.        26.0      13.0       1.4     0.018
           AVG OR GEOM MN (*)                             89.45     32.* D     4.* D     4.* D     17.8      10.3       0.7D    0.014
                      MINIMUM                             57.60     10.        4.        4.         0.0       7.0       0.4     0.010

                NO OF SAMPLES                                 4         2         2         2         4         4         4         4

                                          34        19        20        21        22        17        18        23         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH       REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS  D-SOLIDS
               FEET      MTRS         P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L  MG/L

27 06 78 1000              .3         0.002L    0.020     0.640     0.002     0.020L    0.042     0.620     0.662       5.0L       85
18 07 78 1225              .3         0.004     0.030     0.280     0.002     0.020L    0.052     0.250     0.302       2.0        83
22 08 78 1220              .3         0.002L    0.040     0.340                                   0.300     0.02 L      5.0L       83
11 11 78 1352              .3         0.002     0.030     0.490     0.004     0.020L    0.054     0.460     0.514       5.0L      101

                      MAXIMUM         0.004     0.040     0.640     0.004     0.020     0.054     0.620     0.662       5.0       101
           AVG OR GEOM MN (*)         0.003D    0.030     0.438     0.003     0.020D    0.049     0.408     0.375D      4.3D       88
                      MINIMUM         0.002     0.020     0.280     0.002     0.020     0.042     0.250     0.02        2.0        83

                NO OF SAMPLES             4         4         4         3         3         3         4         4         4         4

                                          14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH            25C  FORMAZIN      MG/L
               FEET      MTRS          UMHOS     UNITS

27 06 78 1000              .3            130      1.10       5.8
18 07 78 1225              .3            128      1.00       2.8
22 08 78 1220              .3            128      2.10       2.8
11 11 78 1352              .3            155      1.20       4.3

                      MAXIMUM            155      2.10       5.8
           AVG OR GEOM MN (*)            135      1.35       3.9
                      MINIMUM            128      1.00       2.8

                NO OF SAMPLES             4         4         4
```

```
 B.O.W./ SITE: CROWE RIVER                                                                  STATION ID:  17-0021-089-02
 SAMPLE POINT: AT HIGHWAY NO 28 PAUDASH LAKE OUTLET 76 1
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                   004
                                                         TERM STREAM: TRENT RIVER                                    1220

STN NO:     89    LAT:              LONG:                U T M: 18 0265350.0 4985000.0 4    REGION: 04            MILEAGE:  106.90

                                         934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

14 02 78 1410              .3          25313                                              1.5       9.8
13 03 78 1335              .3          25330                                              3.0      10.4
06 04 78 1255              .3          25365                                              3.2       9.0
25 05 78 1300              .3          25396                                             22.4      10.2
27 06 78 1100              .3          29003   6          10.  L     4.  L     4.  L     24.0      12.0       0.5L    0.024     0.002
06 07 78 1300              .3          26203   6
18 07 78 1133              .3          29019   6         100.        4.  L     4.  L     25.0       8.0       0.5L    0.016     0.006
22 08 78 1120              .3          29043   8                                         22.0      11.0       1.5     0.018     0.004
29 09 78 1300              .3          25531   6
11 11 78 1256              .3          29093   6                                          0.0       9.0       1.1     0.012     0.004

                      MAXIMUM                            100.        4.        4.        25.0      12.0       1.5     0.024     0.006
           AVG OR GEOM MN (*)                             32.* D     4.* D     4.* D     12.6       9.9      0.90     0.018     0.004
                      MINIMUM                             10.        4.        4.         0.0       8.0       0.5     0.012     0.002

                NO OF SAMPLES                                 2         2         2         8         8         4         4         4

                                          19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

14 02 78 1410              .3                                                                                 70.0
13 03 78 1335              .3                                                                                 67.0
06 04 78 1255              .3                                                                                 69.0
25 05 78 1300              .3                                                                                 67.0
27 06 78 1100              .3         0.020     0.610     0.002     0.020L    0.042     0.590     0.632                 5.0L       73
18 07 78 1133              .3         0.070     0.450     0.004     0.020L    0.094     0.380     0.474                 2.0        79
22 08 78 1120              .3         0.090     0.600                                   0.510     0.02 L                5.0L       78
29 09 78 1300              .3                                                                                 66.0
20 10 78 1245              .3                                                                                 64.0
11 11 78 1256              .3         0.020     0.320     0.004     0.020     0.044     0.300     0.344                 5.0L       72

                      MAXIMUM         0.090     0.610     0.004     0.020     0.094     0.590     0.632      70.0       5.0        79
           AVG OR GEOM MN (*)         0.050     0.495     0.003     0.020D    0.060     0.445     0.368D     67.2       4.3D       76
                      MINIMUM         0.020     0.320     0.002     0.020     0.042     0.300     0.02       64.0       2.0        72

                NO OF SAMPLES             4         4         3         3         3         4         4         6         4         4
```

(CONTD)

```
SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  25 OCT 79  PAGE    600

 B.O.W./ SITE: CROWE RIVER                                                                   STATION ID:  17-0021-089-02
 SAMPLE POINT: AT HIGHWAY NO 28 PAUDASH LAKE OUTLET 76 1
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                       004
                                                            TERM STREAM: TRENT RIVER                                        1220

STN NO:     89    LAT:                LONG:                 U T M: 18 0265350.0 4985000.0 4     REGION: 04           MILEAGE:  106.90

                                            14       16        56        59        95        55       208       265       201       451
SAMP DTE HOUR   STN  STN SAMP  PJ       COND.     TURB.  CHLORIDE  SULPHATE  ACIDITY        PH     TOTAL     TOTAL     TOTAL    RADIUM
DY MO YR LMT    DIST BRG DEPTH            25C  FORMAZIN      MG/L            PH 8.3    AT LAB      IRON   ARSENIC        MN  226 DISS
                FEET         MTRS        UMHOS     UNITS               MG/L      MG/L                MG/L      MG/L      MG/L     PCI/L

14 02 78 1410                .3          104      1.60               20.0       5.2      7.07     0.330               0.042    1.   L
13 03 78 1335                .3          103      1.30               19.0       6.7      6.96     0.150               0.029    1.
06 04 78 1255                .3          104      0.50               17.0       3.6      7.50     0.140               0.024    1.   L
25 05 78 1300                .3          101      0.40               13.0       1.6      7.34     0.090    0.001L     0.025    1.   L
27 06 78 1100                .3          112      0.90      8.5                                             0.001L     0.025    1.   L
06 07 78 1300                .3                                                                                                 1.00L
18 07 78 1133                .3          121      1.10      6.0                                                                 1.00L
22 08 78 1120                .3          120      1.20      6.3                                                                 1.00L
29 09 78 1300                .3          100      0.70               13.5       2.1      7.38     0.030               0.008    1.00
20 10 78 1245                .3           98      0.90      4.6      14.5       2.2      7.55     0.020               0.023    1.   L
11 11 78 1256                .3          110      1.10      5.0                                                       0.023    1.   L

                      MAXIMUM            121      1.60      8.5      20.0       6.7      7.55     0.330    0.001      0.042    1.
          AVG OR GEOM MN (*)             107      0.97      6.1      16.2       3.6      7.30     0.127    0.001D     0.025    1.00D
                      MINIMUM             98      0.40      4.6      13.0       1.6      6.96     0.020    0.001      0.008    1.

                NO OF SAMPLES             10        10        5         6         6         6         6        2          8       11

                                       452       453       454       455       456
SAMP DTE HOUR   STN  STN SAMP  PJ  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT    DIST BRG DEPTH         DISS    UNDISS      DISS    UNDISS       238
                FEET         MTRS     PCI/L     PCI/L     PCI/L     PCI/L      UG/L

14 02 78 1410                .3         5.       1.  L     5.        1.  L     10.
13 03 78 1335                .3         2.       1.  L     3.        1.  L     10.  L
06 04 78 1255                .3         5.       1.       10.        2.        10.  L
25 05 78 1300                .3        10.       1.  L    10.        1.  L     10.  L
27 06 78 1100                .3        10.       1.  L    10.        1.  L     10.  L
06 07 78 1300                .3        10.0      3.0       1.0L      1.0L      10.0L
18 07 78 1133                .3        10.0      3.0       1.0L      1.0L      10.0L
22 08 78 1120                .3        10.0      3.0       1.0L      1.0L      10.0L
29 09 78 1300                .3         1.0      1.0L      3.0       1.0L      10.0L
20 10 78 1245                .3         3.       1.  L     5.        1.  L     10.  L
11 11 78 1256                .3         3.       1.  L     5.        1.  L     10.  L

                      MAXIMUM          10.       3.0      10.        2.        10.
          AVG OR GEOM MN (*)            6.3      1.5D      4.9D      1.1D      10.0D
                      MINIMUM           1.0      1.        1.0       1.        10.

                NO OF SAMPLES           11        11        11        11        11
```

```
 B.O.W./ SITE: PAUDASH LAKE NARROWS                                                          STATION ID:  17-0021-090-01
 SAMPLE POINT: AT PAUDASH LAKE ROAD 75 3
 STATION TYPE: LAKE                                         MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                       004
                                                            TERM STREAM: TRENT RIVER                                        1220

STN NO:     90    LAT:                LONG:                 U T M: 17 0733450.0 4982550.0 4     REGION: 03           MILEAGE:  110.70

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
                FEET         MTRS                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

28 03 78 1030                .3      36801                                                                0.2      0.002     0.001L
27 06 78 1045                .3      29004       6     10.  L     4.  L     4.  L      22.0      12.0       0.5L     0.018     0.002L
31 07 78 1200                .3      36810                                                                0.6      0.012     0.001L
22 08 78 1140                .3      29044       6                                     22.0       8.0       1.2      0.010     0.002L
28 09 78 1200                .3      36816                                                                0.2      0.003     0.001
11 11 78 1313                .3      29094       6                                      0.0      12.0       0.6      0.010     0.004

                      MAXIMUM                              10.       4.        4.      22.0      12.0       1.2      0.018     0.004
          AVG OR GEOM MN (*)                               10.* D    4.* D     4.* D   14.7      10.7       0.6D     0.009     0.002D
                      MINIMUM                              10.       4.        4.       0.0       8.0       0.2      0.002     0.001

                NO OF SAMPLES                               1         1         1         3         3         6         6         6

                                        19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT    DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
                FEET         MTRS      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

28 03 78 1030                .3      0.072     0.340   0.002     0.183      0.257     0.268     0.525      81.0       0.2
27 06 78 1045                .3      0.010     0.570   0.002     0.020L     0.032     0.560     0.592                 5.0L       62
31 07 78 1200                .3      0.010     0.300   0.001     0.005L     0.016     0.290     0.306      64.        0.5
22 08 78 1140                .3      0.090     0.290                                  0.200     0.02                  5.0L       64
28 09 78 1200                .3      0.010     0.290   0.002     0.065      0.077     0.280     0.357      46.0       0.3
11 11 78 1313                .3      0.030     0.340   0.004     0.080      0.114     0.310     0.424                 5.0L       68

                      MAXIMUM        0.090     0.570   0.004     0.183      0.257     0.560     0.592      81.0       5.0        68
          AVG OR GEOM MN (*)         0.037     0.355   0.002     0.071D     0.099     0.318     0.371      63.7       2.7D       65
                      MINIMUM        0.010     0.290   0.001     0.005      0.016     0.200     0.02       46.0       0.2        62

                NO OF SAMPLES           6         6        5         5          5         6         6         3         6         3

                                        14        16        56       451       452       453       454       455       456
SAMP DTE HOUR   STN  STN SAMP  PJ    COND.     TURB.  CHLORIDE    RADIUM  GROSS"A"  GROSS"A"  GROSS"B"  GROSS"B"   URANIUM
DY MO YR LMT    DIST BRG DEPTH         25C  FORMAZIN      MG/L  226 DISS      DISS    UNDISS      DISS    UNDISS       238
                FEET         MTRS    UMHOS     UNITS               PCI/L     PCI/L     PCI/L     PCI/L     PCI/L      UG/L

28 03 78 1030                .3        124       4.6       4.5   1.          2.        1.  L     4.        1.  L     10.  L
27 06 78 1045                .3         96       0.83      7.5   1.          2.        1.  L     4.        1.  L     10.  L
31 07 78 1200                .3         76       0.7       4.5   1.   L      1.  L     1.  L     3.        1.        10.  L
22 08 78 1140                .3         98       2.00      4.3   1.   L      1.  L     1.  L     3.        1.        10.  L
28 09 78 1200                .3         70       0.5       0.8   1.   L      6.        1.  L     5.        1.  L     10.  L
11 11 78 1313                .3        105       0.68      5.0   1.   L      6.        1.  L     5.        1.  L     10.  L

                      MAXIMUM          124       4.6       7.5   1.          6.        1.        5.        1.        10.
          AVG OR GEOM MN (*)            95       1.55      4.4   1.   D      3.  D     1.  D     4.        1.  D     10.  D
                      MINIMUM           70       0.5       0.8   1.          1.        1.        3.        1.        10.

                NO OF SAMPLES            6         6         6     6           6         6         6         6         6
```

```
B.O.W./ SITE: NORTH RIVER                                                                     STATION ID:  17-0021-091-02
SAMPLE POINT: AT BRIDGE NEAR NORTH RIVER BAY BELMONT LAKE
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                  004
                                                           TERM STREAM: TRENT RIVER                                   1220

STN NO:    91    LAT:              LONG:              U T M: 18 0274350.0 4931650.0 4    REGION: 03           MILEAGE:   58.30

                                        934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

27 06 78 1145              .3         29015    6           100.      16.      4.  L      28.0       9.0      0.5L     0.026     0.004
18 07 78 0945              .3         29024                100.       4.  L   8.         24.0      10.0      0.5L     0.016     0.004
20 08 78 0910              .3         29292    6            60.      10.  L  10.  L                          1.0      0.014     0.004
20 09 78 0910              .3         29060    6                                         15.5      13.0      0.2L     0.018     0.010
21 11 78 0915              .3         29100    6                                          0.5      17.0      0.4      0.012     0.002

                     MAXIMUM                                100.      16.      10.        28.0      17.0      1.0      0.026     0.010
          AVG OR GEOM MN (*)                                 84.*      9.* D    7.* D     17.0      12.3      0.5D     0.017     0.005
                     MINIMUM                                 60.       4.       4.         0.5       9.0      0.2      0.012     0.002

               NO OF SAMPLES                                   3         3        3          4         4        5          5         5

                                         19        20        21        22        17        18        23         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.    CALCUL     COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS  D-SOLIDS      25C
               FEET       MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

27 06 78 1145              .3         0.040     0.670     0.004     0.040     0.084     0.630     0.714     5.0L       127       195
18 07 78 0945              .3         0.040     0.510     0.002     0.020L    0.062     0.470     0.532     2.0        127       195
20 08 78 0910              .3         0.010     0.510                                   0.500     0.02      5.0L       124       190
20 09 78 0910              .3         0.030     0.290     0.002     0.020L    0.052     0.260     0.312     5.0L       127       195
21 11 78 0915              .3         0.050     0.440     0.006     0.020L    0.076     0.390     0.466     5.0L       111       170

                     MAXIMUM          0.050     0.670     0.006     0.040     0.084     0.630     0.714     5.0        127       195
          AVG OR GEOM MN (*)          0.034     0.484     0.004     0.025D    0.069     0.450     0.409     4.4D       123       189
                     MINIMUM          0.010     0.290     0.002     0.020     0.052     0.260     0.02      2.0        111       170

               NO OF SAMPLES              5         5         4         4         4         5         5         5         5         5

                                         16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN      MG/L
               FEET       MTRS        UNITS

27 06 78 1145              .3          1.40       5.5
18 07 78 0945              .3          1.70       2.3
20 08 78 0910              .3          2.90       2.3
20 09 78 0910              .3          1.00       2.5
21 11 78 0915              .3          1.20       2.8

                     MAXIMUM           2.90       5.5
          AVG OR GEOM MN (*)           1.64       3.1
                     MINIMUM           1.00       2.3

               NO OF SAMPLES              5         5




B.O.W./ SITE: NORTH RIVER
SAMPLE POINT: AT BRIDGE ON BLUE MOUNTAIN ROAD                                                STATION ID:  17-0021-092-02
STATION TYPE: RIVER
                                                           MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                  004
                                                           TERM STREAM: TRENT RIVER                                   1220

STN NO:    92    LAT:              LONG:              U T M: 18 0269650.0 4934200.0 4    REGION: 03           MILEAGE:   63.50

                                        934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

27 06 78 0840              .3         29007    6           100.       8.      4.  L      23.0      11.0      0.5L     0.034     0.004
18 07 78 1528              .3         29022    9           100.       4.      8.         27.0      10.0      0.5L     0.030     0.004
22 08 78 1440              .3         29047    9           110.      20.     10.  L      23.0      10.0      2.0      0.026     0.002
11 11 78 1512              .3         29097    6                                          0.0       7.0      0.5      0.014     0.002

                     MAXIMUM                                110.      20.      10.        27.0      11.0      2.0      0.034     0.004
          AVG OR GEOM MN (*)                                103.*      9.*      7.* D     18.3       9.5      0.9D     0.026     0.003
                     MINIMUM                                100.       4.       4.         0.0       7.0      0.5      0.014     0.002

               NO OF SAMPLES                                   3         3        3          4         4        4          4         4

                                         19        20        21        22        17        18        23         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.    CALCUL     COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS  D-SOLIDS      25C
               FEET       MTRS         MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

27 06 78 0840              .3         0.040     0.850     0.004     0.020     0.064     0.810     0.874     5.0L        86       134
18 07 78 1528              .3         0.090     0.680     0.004     0.020L    0.114     0.590     0.704     3.0         86       132
22 08 78 1440              .3         0.170     0.730               0.020               0.560               5.0L        79       122
11 11 78 1512              .3         0.040     0.390     0.006     0.030     0.076     0.350     0.426     5.0L        52        80

                     MAXIMUM          0.170     0.850     0.006     0.030     0.114     0.810     0.874     5.0         86       134
          AVG OR GEOM MN (*)          0.085     0.663     0.005     0.023D    0.085     0.578     0.668     4.5D        76       117
                     MINIMUM          0.040     0.390     0.004     0.020     0.064     0.350     0.426     3.0         52        80

               NO OF SAMPLES              4         4         3         4         3         4         3         4         4         4

                                         16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN      MG/L
               FEET       MTRS        UNITS

27 06 78 0840              .3          1.30       6.5
18 07 78 1528              .3          1.70       2.8
22 08 78 1440              .3          3.20       2.8
11 11 78 1512              .3          1.00       2.3

                     MAXIMUM           3.20       6.5
          AVG OR GEOM MN (*)           1.80       3.6
                     MINIMUM           1.00       2.3

               NO OF SAMPLES              4         4
```

```
 B.O.W./ SITE: BEAVER CREEK                                                                     STATION ID:  17-0021-095-02
 SAMPLE POINT: AT BRIDGE ON ROAD TO CORDOVA MINES
 STATION TYPE: RIVER    FLOW GAUGE FED 02HK006          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                      004
                                                        TERM STREAM: TRENT RIVER                                       1220

STN NO:    95    LAT:               LONG:              U T M: 18 0285650.0 4934475.0 4    REGION: 04            MILEAGE:   48.60

                                      934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT  DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
              FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

27 06 78 0940             .3        29009         6     57.60      200.     4.  L        4.      24.4       9.0      0.5L     0.018
18 07 78 1105             .3        29028               13.60      100.       20.     4.  L      24.0       8.0      0.5L     0.014
20 08 78 1030             .3        29296         6     13.60                                                          1.0     0.012
20 09 78 1050             .3        29065         6     53.30                                     18.0      14.0      0.2L     0.012
21 11 78 1055             .3        29105         6    381.00                                      0.0      15.0       0.5     0.018

                     MAXIMUM                           381.00      200.       20.        4.      24.4      15.0       1.0     0.018
          AVG OR GEOM MN (*)                           103.82     141.*     9.* D     4.* D      16.6      11.5      0.5D     0.015
                     MINIMUM                            13.60      100.        4.        4.       0.0       8.0       0.2     0.012

               NO OF SAMPLES                                5         2         2         2         4         4         5         5

                                       34        19        20        21        22        17        18        23         6       107
SAMP DTE HOUR STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.    CALCUL
DY MO YR LMT  DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N              SOLIDS  D-SOLIDS
              FEET      MTRS       P MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

27 06 78 0940             .3        0.004     0.020     0.490     0.004    0.020L     0.044     0.470     0.514      5.0L       140
18 07 78 1105             .3        0.002     0.030     0.360     0.002    0.020L     0.052     0.330     0.382      1.0L       136
20 08 78 1030             .3        0.006     0.020     0.330                                   0.310    0.02 L      5.0L       127
20 09 78 1050             .3       0.002L     0.020     0.300     0.002    0.020L     0.042     0.280     0.322      5.0L       124
21 11 78 1055             .3        0.002     0.040     0.370     0.006    0.020L     0.066     0.330     0.396      5.0L       127

                     MAXIMUM        0.006     0.040     0.490     0.006     0.020     0.066     0.470     0.514       5.0       140
          AVG OR GEOM MN (*)       0.003D     0.026     0.370     0.004    0.020D     0.051     0.344    0.327D      4.20       131
                     MINIMUM        0.002     0.020     0.300     0.002     0.020     0.042     0.280      0.02       1.0       124

               NO OF SAMPLES            5         5         5         4         4         4         5         5         5         5

                                       14        16        56
SAMP DTE HOUR STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE
DY MO YR LMT  DIST BRG DEPTH          25C  FORMAZIN      MG/L
              FEET      MTRS        UMHOS     UNITS

27 06 78 0940             .3          215      1.10       6.5
18 07 78 1105             .3          210      1.40       1.8
20 08 78 1030             .3          195      2.00       3.8
20 09 78 1050             .3          190      0.85       1.8
21 11 78 1055             .3          195      1.00       3.3

                     MAXIMUM          215      2.00       6.5
          AVG OR GEOM MN (*)          201      1.27       3.4
                     MINIMUM          190      0.85       1.8

               NO OF SAMPLES            5         5         5
```

```
 B.O.W./ SITE: BEAVER CREEK                                                                     STATION ID:  17-0021-096-02
 SAMPLE POINT: AT ST OLA
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                      004
                                                        TERM STREAM: TRENT RIVER                                       1220

STN NO:    96    LAT:               LONG:              U T M: 18 0294400.0 4969675.0 4    REGION: 04            MILEAGE:   82.40

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT  DIST BRG DEPTH           NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
              FEET      MTRS                         MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

27 06 78 1335             .3        29000         6      600.       48.       28.      23.0      13.0       1.0     0.016     0.002
18 07 78 0935             .3        29016         6       60.     4.  L     4.  L      24.0       9.0       0.5     0.018     0.004
22 08 78 0930             .3        29040         6                                    21.0       8.0       1.0     0.010     0.004
21 11 78 0955             .3        29090         6                                     3.0      12.0

                     MAXIMUM                             600.       48.       28.      24.0      13.0       1.0     0.018     0.004
          AVG OR GEOM MN (*)                            190.*    14.* D    11.* D      17.8      10.5       0.8     0.015     0.003
                     MINIMUM                              60.        4.        4.       3.0       8.0       0.5     0.010     0.002

               NO OF SAMPLES                                2         2         2         4         4         3         3         3

                                       19        20        21        22        17        18        23         6       107        14
SAMP DTE HOUR STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     SUSP.    CALCUL     COND.
DY MO YR LMT  DIST BRG DEPTH      AMMONIA  KJELDAHL     NO2-N     NO3-N         N  ORGNC  N              SOLIDS  D-SOLIDS       25C
              FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

27 06 78 1335             .3        0.030     0.410     0.004     0.040     0.074     0.380     0.454      5.0L       136       210
18 07 78 0935             .3        0.050     0.270     0.004     0.020     0.074     0.220     0.294       2.0       130       200
22 08 78 0930             .3        0.040     0.430                                   0.390    0.02 L      5.0L       117       180

                     MAXIMUM        0.050     0.430     0.004     0.040     0.074     0.390     0.454       5.0       136       210
          AVG OR GEOM MN (*)        0.040     0.370     0.004     0.030     0.074     0.330    0.256D      4.00       128       197
                     MINIMUM        0.030     0.270     0.004     0.020     0.074     0.220      0.02       2.0       117       180

               NO OF SAMPLES            3         3         2         2         2         3         3         3         3         3

                                       16        56
SAMP DTE HOUR STN  STN SAMP  PJ     TURB.  CHLORIDE
DY MO YR LMT  DIST BRG DEPTH     FORMAZIN      MG/L
              FEET      MTRS        UNITS

27 06 78 1335             .3         0.83       5.5
18 07 78 0935             .3         1.50       1.8
22 08 78 0930             .3         1.70       1.5

                     MAXIMUM         1.70       5.5
          AVG OR GEOM MN (*)         1.34       2.9
                     MINIMUM         0.83       1.5

               NO OF SAMPLES            3         3
 B.O.W./ SITE: STEENBURG CREEK                                                                STATION ID:  17-0021-097-02
 SAMPLE POINT: AT HIGHWAY NO.62
 STATION TYPE: RIVER
                                                      MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                          004
                                                      TERM STREAM: TRENT RIVER                                           1220

STN NO:     97    LAT:                  LONG:         U T M: 18 0289450.0 4969450.0 4    REGION: 04         MILEAGE:   87.80

                                         934       901        80         81         84        805         3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD      TOTAL      FECAL       M.F.      WATER       DISS.     5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH             NO              COLIFORM   COLIFORM     ENTER.     TEMP.         02       BOD          P   REACTIVE
               FEET       MTRS                             MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L      MG/L       MG/L     P MG/L

27 06 78 1325               .3          29001     6        80.         4.  L      4.  L     23.0       10.0       0.5L      0.016      0.002
18 07 78 0952               .3          29017     8       300.         4.  L      4.        22.0        7.0       2.0L      0.016      0.004
22 08 78 0950               .3          29041     9                                         18.0       12.0       2.2
21 11 78 1015               .3          29091     6                                          1.0        9.0

                      MAXIMUM                             300.         4.         4.        23.0       12.0       2.2       0.016      0.004
          AVG OR GEOM MN (*)                              155.*        4.* D      4.* D     16.0        9.5       1.60      0.016      0.003
                      MINIMUM                              80.         4.         4.         1.0        7.0       0.5       0.016      0.002

                 NO OF SAMPLES                               2          2          2          4          4          3          2          2

                                          19        20        21         22         17         18         23         6        107         14
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED     TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N     SUSP.    CALCUL       COND.
DY MO YR LMT   DIST BRG DEPTH         AMMONIA  KJELDAHL   NO2-N      NO3-N            N    ORGNC  N             SOLIDS    D-SOLIDS       25C
               FEET       MTRS           MG/L      MG/L   MG/L       MG/L          MG/L       MG/L       MG/L     MG/L     MG/L          UMHOS

27 06 78 1325               .3          0.020     0.500     0.002      0.020L     0.042      0.480      0.522     5.0L         95        146
18 07 78 0952               .3          0.040     0.410     0.002      0.020L     0.062      0.370      0.432     1.0          95        146
22 08 78 0950               .3                                                                                  5.0L        101        156

                      MAXIMUM           0.040     0.500     0.002      0.020      0.062      0.480      0.522     5.0         101        156
          AVG OR GEOM MN (*)            0.030     0.455     0.002      0.020D     0.052      0.425      0.477     3.7D         97        149
                      MINIMUM           0.020     0.410     0.002      0.020      0.042      0.370      0.432     1.0          95        146

                 NO OF SAMPLES              2         2         2          2          2          2          2        3          3          3

                                          16        56
SAMP DTE HOUR  STN  STN SAMP  PJ        TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH        FORMAZIN       MG/L
               FEET       MTRS          UNITS

27 06 78 1325               .3           1.10       5.8
18 07 78 0952               .3           0.74       2.5
22 08 78 0950               .3                      3.0

                      MAXIMUM            1.10       5.8
          AVG OR GEOM MN (*)             0.92       3.8
                      MINIMUM            0.74       2.5

                 NO OF SAMPLES              2         3




B.O.W./ SITE: CROWE RIVER                                                                    STATION ID:  17-0021-100-02
SAMPLE POINT: 8.10TH OF A MILE BELOW CONFLUENCE WITH CREEK FROM BOW LAKE 76 2
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                          004
                                                     TERM STREAM: TRENT RIVER                                           1220

STN NO:    100    LAT:                  LONG:        U T M: 18 0266325.0 4981525.0 4    REGION: 04          MILEAGE:  103.70

                                         934       901       805          3          5         14         16         59         95         55
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD     WATER       DISS.      TOTAL      COND.      TURB.   SULPHATE    ACIDITY        PH
DY MO YR LMT   DIST BRG DEPTH             NO              TEMP.          02      SOLIDS        25C   FORMAZIN               PH 8.3     AT LAB
               FEET       MTRS                              DEG C        MG/L       MG/L      UMHOS      UNITS       MG/L      MG/L

14 02 78 1330               .3          25312     4         1.5        12.8       92.0        141       1.60       27.0        5.8       7.23
13 03 78 1250               .3          25329     4         2.5        12.6       96.0        146       1.80       25.5        4.3       7.05
06 04 78 1225               .3          25364               2.5        11.2      103.0        155       0.50       26.5        4.2       7.56

                      MAXIMUM                               2.5        12.8      103.0        155       1.80       27.0        5.8       7.56
          AVG OR GEOM MN (*)                                2.2        12.2       97.0        147       1.30       26.3        4.8       7.28
                      MINIMUM                               1.5        11.2       92.0        141       0.50       25.5        4.2       7.05

                 NO OF SAMPLES                                3           3          3          3          3          3          3          3

                                          208       201       451        452        453        454        455        456
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL     TOTAL    RADIUM   GROSS"A"   GROSS"A"   GROSS"B"   GROSS"B"   URANIUM
DY MO YR LMT   DIST BRG DEPTH            IRON        MN  226 DISS       DISS     UNDISS       DISS     UNDISS       238
               FEET       MTRS           MG/L      MG/L     PCI/L      PCI/L      PCI/L      PCI/L      PCI/L      UG/L

14 02 78 1330               .3          0.330     0.044     1.  L      5.         1.  L      5.         1.  L     10.  L
13 03 78 1250               .3          0.220     0.052     1.         5.         1.         5.         2.        10.  L
06 04 78 1225               .3          0.180     0.035     1.        10.         1.        10.         2.        10.  L

                      MAXIMUM           0.330     0.052     1.        10.         1.        10.         2.        10.
          AVG OR GEOM MN (*)            0.243     0.044     1.  D      6.         1.  D      6.         1.  D     10.  D
                      MINIMUM           0.180     0.035     1.         5.         1.         5.         1.        10.

                 NO OF SAMPLES              3         3         3          3          3          3          3          3
```

STATION ID: 17-0021-110-B3

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT TRENT RIVER BRIDGE
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 110 LAT: LONG: U T M: 18 0271000.0 4919450.0 4 REGION: 03 MILEAGE: 44.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
12 01 78 1035			.3		36025	4	190.	4.	16.	0.0	13.8	1.2	0.018	0.003
21 02 78 1155			.3		36112	6	56.	2. L	2.	1.0	10.0	0.2	0.025	0.010
19 04 78 1030			.3		36229	6	28.	2. L	2.	1.0	10.2	0.2	0.016	0.001
17 05 78 1055			.3		36296	6	52.	4.	2.	11.0	10.1	1.2	0.035	0.001
27 06 78 1015			.3		36358	6	8.	32.		15.0	8.4	1.0	0.028	0.001L
20 07 78 1020			.3		36431	6 8	4. L	4. L	4. L	24.0	7.7	1.6	0.037	0.002
30 08 78 1050			.3		36474	6	4. L	2. L	2. L	22.0	8.7	4.0	0.050	0.003
27 09 78 1040			.3		36554	6 8	16.	2.	2. L	16.0	9.3	3.0	0.061	0.001
26 10 78 1115			.3		36610	6	24.	2. L	2. L	7.5	10.9	1.0	0.036	
15 11 78 1100			.3		36656	6	8.	2. L	2. L	5.8	11.2	1.6	0.018	0.001
13 12 78 1245			.3		36740	6	12.	2. L	2. L	0.5	9.7	0.6	0.015	0.001L
MAXIMUM							190.	32.	16.	24.0	13.8	4.0	0.061	0.010
AVG OR GEOM MN (*)							18.* D	3.* D	3.* D	9.4	10.0	1.4	0.031	0.002D
MINIMUM							4.	2.	2.	0.0	7.7	0.2	0.015	0.001
NO OF SAMPLES							11	11	10	11	11	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
12 01 78 1035			.3		0.076	0.470	0.003	0.157	0.236	0.394	0.630	176.0	1.6	174
21 02 78 1155			.3		0.104	0.490	0.007	0.190	0.301	0.386	0.687	175.0	2.0	173
19 04 78 1030			.3		0.046	0.380	0.007	0.465	0.518	0.334	0.852	174.0	2.9	171
17 05 78 1055			.3		0.016	0.590	0.005	0.125	0.146	0.574	0.720	168.0	12.0	156
27 06 78 1015			.3		0.017	0.500	0.002	0.005L	0.024	0.483	0.507	160.0	4.5	156
20 07 78 1020			.3		0.026	0.610	0.003	0.007	0.036	0.584	0.620	163.0	6.7	156
30 08 78 1050			.3		0.116	0.940	0.004	0.005	0.125	0.824	0.949	158.0	10.0	148
27 09 78 1040			.3		0.074	1.270	0.002	0.015	0.091	1.196	1.287	145.0	12.0	133
26 10 78 1115			.3		0.011	0.610	0.001	0.005	0.017	0.599	0.616	157.0	7.6	149
15 11 78 1100			.3		0.019	0.560	0.001	0.029	0.049	0.541	0.590	160.0	7.0	153
13 12 78 1245			.3		0.030	0.470	0.003	0.072	0.105	0.440	0.545	151.0	1.0	150
MAXIMUM					0.116	1.270	0.007	0.465	0.518	1.196	1.287	176.0	12.0	174
AVG OR GEOM MN (*)					0.049	0.626	0.003	0.098D	0.150	0.578	0.728	162.5	6.1	156
MINIMUM					0.011	0.380	0.001	0.005	0.017	0.334	0.507	145.0	1.0	133
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
12 01 78 1035			.3		267	1.40	7.7
21 02 78 1155			.3		266	1.30	7.2
19 04 78 1030			.3		265	1.50	6.7
17 05 78 1055			.3		240	2.60	6.2
27 06 78 1015			.3		240	2.20	6.2
20 07 78 1020			.3		240	2.80	6.5
30 08 78 1050			.3		230	5.20	7.1
27 09 78 1040			.3		205	6.80	6.9
26 10 78 1115			.3		230	3.40	6.6
15 11 78 1100			.3		235	3.50	6.1
13 12 78 1245			.3		230	1.40	6.0
MAXIMUM					267	6.80	7.7
AVG OR GEOM MN (*)					241	2.92	6.6
MINIMUM					205	1.30	6.0
NO OF SAMPLES					11	11	11

STATION ID: 17-0021-112-01

B.O.W./ SITE: AUGER LAKE
SAMPLE POINT: UPSTREAM OF BICROFT TAILINGS DAM SOUTH OF HWY 121
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 112 LAT: LONG: U T M: 17 0732550.0 4987050.0 4 REGION: 03 MILEAGE: 116.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	5 TOTAL SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
28 03 78 1200			.3		36804		376		24.5			48	6.59	2.80
31 07 78 1200			.3		36811	164.	245	4.0		77.	8.2		6.81	1.35
28 09 78 1230			.3		36817	164.	245	4.0		77.	8.2		6.81	1.35
MAXIMUM						164.	376	4.0	24.5	77.	8.2	48	6.81	2.80
AVG OR GEOM MN (*)						164.	289	4.0	24.5	77.	8.2	48	6.74	1.83
MINIMUM						164.	245	4.0	24.5	77.	8.2	48	6.59	1.35
NO OF SAMPLES						2	3	2	1	2	2	1	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	201 TOTAL MN MG/L	451 RADIUM 226 DISS PCI/L	452 GROSS"A" DISS PCI/L	453 GROSS"A" UNDISS PCI/L	454 GROSS"B" DISS PCI/L	455 GROSS"B" UNDISS PCI/L	456 URANIUM 238 UG/L
28 03 78 1200			.3		139.	44.	7.		97.	140.	45.	95.	25.	10. L
31 07 78 1200			.3					0.270	32.	91.	5.	65.	4.	10. L
28 09 78 1230			.3						34.	52.	5.	36.	5.	10. L
MAXIMUM					139.	44.	7.	0.270	97.	140.	45.	95.	25.	10.
AVG OR GEOM MN (*)					139.	44.	7.	0.270	54.	94.	18.	65.	11.	10. D
MINIMUM					139.	44.	7.	0.270	32.	52.	5.	36.	4.	10.
NO OF SAMPLES					1	1	1	1	3	3	3	3	3	3

B.O.W./ SITE: SCUGOG RIVER
SAMPLE POINT: AT HIGHWAYS NO 7 AND NO 35 LINDSAY

STATION ID: 17-0021-116-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO: 116 LAT: LONG: U T M: 17 0680925.0 4910525.0 4 REGION: 03 MILEAGE: 157.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 02 78 1345			.3		36134	4	56.	6.	2. L	0.0	7.6	1.0	0.014	0.012
20 04 78 1435			.3		36252	6	4. L	2. L	2.	2.0	8.9			
18 05 78 1450			.3		36319	6	232.	4.	2. L	13.5	9.2			
28 06 78 1630			.3		36384	5 9	240.	94.	26.	16.0	8.3	2.0	0.108	0.001L
18 07 78 1605			.3		36416	5 9	60.	20.	10.	26.5	7.4	1.8	0.052	0.001
29 08 78 1020			.3		36458	5 8 9	320.	104.	52.	19.2	6.7	1.8	0.068	0.001
28 09 78 1530			.3		36578	5 8 9				14.5	9.8	2.0	0.054	0.001
24 10 78 1450			.3		36589	6	140.	4.	4. L	6.0	12.0	1.0	0.048	0.001
12 12 78 1308			.3		36719	4	40.	2.	4.	0.5	10.8	1.0	0.019	0.001
MAXIMUM							320.	104.	52.	26.5	12.0	2.0	0.108	0.012
AVG OR GEOM MN (*)							78.* D	10.* D	6.* D	10.9	9.0	1.5	0.052	0.003D
MINIMUM							4.	2.	2.	0.0	6.7	1.0	0.014	0.001
NO OF SAMPLES							8	8	8	9	9	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
22 02 78 1345			.3		0.204	0.810	0.010	0.575	0.789	0.606	1.395	328.0	5.4	323
28 06 78 1630			.3		0.004	1.720	0.002	0.005L	0.011	1.716	1.727	328.0	68.0	
18 07 78 1605			.3		0.002	1.090	0.002	0.005L	0.009	1.088	1.097	253.0	13.0	
29 08 78 1020			.3		0.056	1.300	0.002	0.005L	0.063	1.244	1.307			
28 09 78 1530			.3		0.004	1.280	0.001	0.005	0.010	1.276	1.286	180.0	21.0	
24 10 78 1450			.3		0.006	0.880	0.004	0.110	0.120	0.874	0.994	253.0	39.0	
12 12 78 1308			.3		0.060	0.880	0.004	0.446	0.510	0.820	1.330	252.0	8.0	
MAXIMUM					0.204	1.720	0.010	0.575	0.789	1.716	1.727	328.0	68.0	323
AVG OR GEOM MN (*)					0.048	1.137	0.004	0.164D	0.216	1.089	1.305	265.7	25.7	323
MINIMUM					0.002	0.810	0.001	0.005	0.009	0.606	0.994	180.0	5.4	323
NO OF SAMPLES					7	7	7	7	7	7	7	6	6	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
22 02 78 1345			.3			502	3.60	16.5
28 06 78 1630			.3		260	400	5.20	10.5
18 07 78 1605			.3		240	370	5.20	10.0
29 08 78 1020			.3			311	5.10	9.6
28 09 78 1530			.3		159	245	8.50	11.5
24 10 78 1450			.3		214	330	11.00	13.0
12 12 78 1308			.3		244	375	3.20	15.0
MAXIMUM					260	502	11.00	16.5
AVG OR GEOM MN (*)					223	362	5.97	12.3
MINIMUM					159	245	3.20	9.6
NO OF SAMPLES					5	7	7	7

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
STATION TYPE: RIVER

STATION ID: 17-0026-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 1 LAT: LONG: U T M: 18 0309150.0 4892875.0 4 REGION: 04 MILEAGE: 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1430			.3		25325	6								
03 04 78 1200			.3		25342	6								
05 04 78 1300			.3		25355	6								
12 04 78 1330			.3		25371	3	72.	4.	128.	4.8	11.3	0.6	0.034	0.022
09 05 78 1200			.3		27169	6	1200.	4.	16.			0.4	0.021	0.005
16 05 78 1030			.3		25373					14.0	9.9	0.5	0.092	0.067
18 05 78 1320			.3		25392	6								
12 06 78 1200			.3		25412	6								
27 06 78 1050			.3		25454		600.	160.	64.	23.5	12.3	0.8	0.068	0.018
04 07 78 1340			.3		25472		600.	160.	64.	23.5	12.3	0.8	0.068	0.018
05 07 78 1450			.3		27198	6	130.	26.	62.	26.0	11.0	1.0	0.027	0.008
13 07 78 1020			.3		25477		300.	8.	68.	23.8	8.9			
02 08 78 1545			.3		27211	5	60.	36.	8.	29.0	11.0	0.8	0.024	0.014
29 08 78 1015			.3		25495		1800.	160.	368.			0.8	0.082	0.015
06 09 78 1420			.3		27225	5						0.2	0.031	0.014
25 09 78 1235			.3		25520	5						0.2	0.031	0.014
27 09 78 1015			.3		25521	6	1200.	144.	108.			0.8	0.098	0.033
03 10 78 1440			.3		27239		50.	2. L	8.	14.0	11.0			
24 10 78 1250			.3		25548		50.	2. L	8.	14.0	11.0			
31 10 78 1100			.3		25549		40.	8.	12.	10.5	12.0	0.4	0.020	0.010
29 11 78 1225			.3		25567	6								
05 12 78 1500			.3		27267	6	170.	28.	112.	2.0	12.0	1.4	0.023	0.008
14 12 78 1320			.3		25590	6	170.	28.	112.	2.0	12.0	1.4	0.023	0.008
MAXIMUM							1800.	160.	368.	29.0	12.3	1.4	0.098	0.067
AVG OR GEOM MN (*)							215.*	20.* D	44.*	15.6	11.2	0.7	0.046	0.018
MINIMUM							40.	2.	8.	2.0	8.9	0.2	0.020	0.005
NO OF SAMPLES							14	14	14	12	12	14	14	14

(C O N T D)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
STATION TYPE: RIVER

STATION ID: 17-0026-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 1 LAT: LONG: U T M: 18 0309150.0 4892875.0 4 REGION: 04 MILEAGE: 0.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
12 04 78	1330			.3		0.072	0.480	0.007	0.410	0.489	0.408	0.897	151.0	8.4	143
09 05 78	1200			.3		0.006	0.400	0.005	0.125	0.136	0.394	0.530	126.0	2.2	124
16 05 78	1030			.3		0.034	0.450	0.006	0.140	0.180	0.416	0.596	148.0	4.6	143
27 06 78	1050			.3		0.038	0.580	0.027	0.020	0.085	0.542	0.627	168.0	19.0	149
04 07 78	1340			.3		0.038	0.580	0.027	0.020	0.085	0.542	0.627	168.0	19.0	149
05 07 78	1450			.3		0.018	0.53	0.003	0.015	0.036	0.512	0.548	145.	2.2	143
02 08 78	1545			.3		0.012	0.480	0.002	0.005L	0.019	0.468	0.487	145.0	1.7	143
29 08 78	1015			.3		0.082	0.780	0.005	0.025	0.112	0.698	0.810	171.0	15.0	156
06 09 78	1420			.3		0.030	0.520	0.002	0.020	0.052	0.490	0.542	155.0	1.6	153
25 09 78	1235			.3		0.030	0.520	0.002	0.020	0.052	0.490	0.542	155.0	1.6	153
27 09 78	1015			.3		0.026	0.660	0.002	0.005L	0.033	0.634	0.667	178.0	25.0	153
31 10 78	1100			.3		0.002	0.440	0.002	0.005	0.009	0.438	0.447	142.0	2.0	140
05 12 78	1500			.3		0.014	0.550	0.004	0.171	0.189	0.536	0.725	145.0	2.0	143
14 12 78	1320			.3		0.014	0.550	0.004	0.171	0.189	0.536	0.725	145.0	2.0	143
MAXIMUM						0.082	0.780	0.027	0.410	0.489	0.698	0.897	178.0	25.0	156
AVG OR GEOM MN (*)						0.030	0.537	0.007	0.082D	0.119	0.507	0.626	153.0	7.6	145
MINIMUM						0.002	0.400	0.002	0.005	0.009	0.394	0.447	126.0	1.6	124
NO OF SAMPLES						14	14	14	14	14	14	14	14	14	14

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
12 04 78	1330			.3		220	2.10	4.4	15.0	2.50	7.82	0.450	1.0	6.3	28
09 05 78	1200			.3		190	1.10	3.7							
16 05 78	1030			.3		220	1.40	4.3	13.0	1.20	8.08	0.120	2.0	6.7	16
27 06 78	1050			.3		230	4.50	4.5	11.5	1.40	7.82	0.450		7.2	35
04 07 78	1340			.3		230	4.50	4.5	11.5	1.40	7.82	0.450			
05 07 78	1450			.3			1.6	4.8							
02 08 78	1545			.3		215	1.00	5.5							
29 08 78	1015			.3		240	4.40	7.2							
06 09 78	1420			.3		235	1.10	6.3							
25 09 78	1235			.3		235	1.10	6.3							
27 09 78	1015			.3		235	5.40	6.0	10.0	0.70	8.14	0.940	1.0L	7.1	25
31 10 78	1100			.3		215	1.20	5.4	13.5	0.85	8.44	0.060	1.0	7.0	42
05 12 78	1500			.3		220	2.90	6.7							
14 12 78	1320			.3		220	2.90	6.7							
MAXIMUM						240	5.40	7.2	15.0	2.50	8.44	0.940	2.0	7.2	42
AVG OR GEOM MN (*)						223	2.51	5.4	12.4	1.34	8.02	0.412	1.3D	6.9	29
MINIMUM						190	1.00	3.7	10.0	0.70	7.82	0.060	1.0	6.3	16
NO OF SAMPLES						13	14	14	6	6	6	6	4	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
15 02 78	1430			.3			0.022							
03 04 78	1200			.3			0.017							
05 04 78	1300			.3			0.012							
12 04 78	1330			.3		0	0.019		0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
09 05 78	1200			.3			0.019							
16 05 78	1030			.3		0	0.013	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
18 05 78	1320			.3			0.013							
12 06 78	1200			.3			0.020							
04 07 78	1340			.3			0.023							
05 07 78	1450			.3			0.023							
13 07 78	1020			.3			0.023							
02 08 78	1545			.3			0.027							
29 08 78	1015			.3			0.027							
06 09 78	1420			.3			0.039							
25 09 78	1235			.3			0.024							
03 10 78	1440			.3			0.021							
24 10 78	1250			.3			0.021							
31 10 78	1100			.3		1	0.024	0.020	0.020L	0.010L	0.030L	0.005L	0.010L	0.020L
29 11 78	1225			.3			0.019							
05 12 78	1500			.3			0.019							
14 12 78	1320			.3			0.018							
MAXIMUM						1	0.039	0.030	0.020	0.010	0.030	0.005	0.010	0.020
AVG OR GEOM MN (*)						0	0.021	0.025D	0.020D	0.010D	0.030D	0.005D	0.010D	0.020D
MINIMUM						0	0.012	0.020	0.020	0.010	0.030	0.005	0.010	0.020
NO OF SAMPLES						3	21	2	3	3	3	3	3	3

```
 B.O.W./ SITE: MOIRA RIVER                                                       STATION ID:  17-0026-002-02
 SAMPLE POINT: BRIDGE IN CANNIFTON
 STATION TYPE: RIVER    FLOW GAUGE FED 02HL001      MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                 004
                                                    TERM STREAM: MOIRA RIVER                                  1090

STN NO:      2    LAT:               LONG:          U T M: 18 0308750.0 4897325.0 4    REGION: 04          MILEAGE:    3.90

                                      934    901       444         80         81         84        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE    SCD  FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO                    COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
               FEET      MTRS                                MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

17 01 78 1320              .3       25308          2060.00
15 02 78 1400              .3       25324  6       1160.00
03 04 78 1200              .3       25341          4480.00
05 04 78 1245              .3       25354  6       4910.00
09 05 78 1200              .3       27168  6       2130.00    150.         2.  L      6.                                 0.2      0.018
18 05 78 1300              .3       25391          1980.00
12 06 78 1200              .3       25411           200.00
04 07 78 1320              .3       25471            99.90
05 07 78 1430              .3       27197  6         92.90    200.         6.        40.          28.0       11.0        1.2      0.023
02 08 78 1525              .3       27210  6         64.30    120.         4.  L      4.          29.0       12.0        0.8      0.031
21 08 78 1230              .3       25494            47.30
06 09 78 1355              .3       27224  6         48.00                                                              0.4      0.036
25 09 78 1225              .3       25519            74.70
03 10 78 1415              .3       27238            56.20     20.         2.  L      4.          14.0       12.0
24 10 78 1235              .3       25547           221.00
07 11 78 1450              .3       27252  5 8      153.00     10.  L      2.  L      2.  L        7.0        9.0        1.2      0.021
29 11 78 1155              .3       25566  6        687.00
05 12 78 1450              .3       27266  6        749.00     80.         8.        28.           3.0        9.0        1.2      0.021
14 12 78 1300              .3       25589           794.00

                         MAXIMUM                   4910.00    200.         8.        40.          29.0       12.0        1.2      0.036
              AVG OR GEOM MN (*)                   1053.02     62.* D      3.* D      8.* D       16.2       10.6        0.8      0.025
                         MINIMUM                     47.30     10.         2.         2.           3.0        9.0        0.2      0.018

                   NO OF SAMPLES                        19          6          6          6          5          5          6          6

                                        34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N             N  ORGNC  N              SOLIDS    SOLIDS
               FEET      MTRS       P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

09 05 78 1200              .3        0.004     0.006     0.420     0.005     0.120     0.131     0.414     0.545     122.0       2.0
05 07 78 1430              .3        0.008     0.010     0.50      0.002     0.005     0.017     0.490     0.507     139.        2.0
02 08 78 1525              .3        0.013     0.002     0.520     0.002     0.005L    0.009     0.518     0.527     143.0      10.0
06 09 78 1355              .3        0.017     0.032     0.590     0.002     0.010     0.044     0.558     0.602     139.0       3.0
07 11 78 1450              .3        0.012     0.007     0.420     0.001     0.004     0.012     0.413     0.425     138.0       0.8
05 12 78 1450              .3        0.009     0.023     0.570     0.004     0.141     0.168     0.547     0.715     139.0       2.0

                         MAXIMUM     0.017     0.032     0.590     0.005     0.141     0.168     0.558     0.715     143.0      10.0
              AVG OR GEOM MN (*)     0.011     0.013     0.503     0.003     0.048D    0.064     0.490     0.554     136.7       3.3
                         MINIMUM     0.004     0.002     0.420     0.001     0.004     0.009     0.413     0.425     122.0       0.8

                   NO OF SAMPLES         6         6         6         6         6         6         6         6         6         6




                                       107        14        16        56       265
SAMP DTE HOUR  STN  STN SAMP  PJ  CALCUL       COND.     TURB.  CHLORIDE     TOTAL
DY MO YR LMT   DIST BRG DEPTH     D-SOLIDS       25C  FORMAZIN      MG/L   ARSENIC
               FEET      MTRS     MG/L         UMHOS     UNITS                MG/L

17 01 78 1320              .3                                                0.017
15 02 78 1400              .3                                                0.022
03 04 78 1200              .3                                                0.016
05 04 78 1245              .3                                                0.012
09 05 78 1200              .3             120       185      1.00       3.2     0.019
18 05 78 1300              .3                                                0.013
12 06 78 1200              .3                                                0.019
04 07 78 1320              .3                                                0.025
05 07 78 1430              .3             137       210      1.3        4.0     0.022
02 08 78 1525              .3             133       205      1.20       4.6     0.030
21 08 78 1230              .3                                                0.028
06 09 78 1355              .3             136       210      1.40       4.8     0.038
25 09 78 1225              .3                                                0.025
03 10 78 1415              .3                                                0.026
24 10 78 1235              .3                                                0.022
07 11 78 1450              .3             137       210      1.40       4.4     0.026
29 11 78 1155              .3                                                0.019
05 12 78 1450              .3             137       210      2.80       5.2     0.019
14 12 78 1300              .3                                                0.019

                         MAXIMUM          137       210      2.80       5.2     0.038
              AVG OR GEOM MN (*)          133       205      1.52       4.4     0.022
                         MINIMUM          120       185      1.00       3.2     0.012

                   NO OF SAMPLES            6         6         6         6        19


 B.O.W./ SITE: MOIRA RIVER                                                       STATION ID:  17-0026-003-02
 SAMPLE POINT: AT STOCO LAKE OUTLET
 STATION TYPE: RIVER                                MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                    MINOR BASIN: LAKE ONTARIO                                 004
                                                    TERM STREAM: MOIRA RIVER                                  1090

STN NO:      3    LAT:               LONG:          U T M: 18 0317125.0 4925150.0 4    REGION: 04          MILEAGE:   27.20

                                      934    901         80         81         84        805          3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE    SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO          COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P   REACTIVE
               FEET      MTRS                      MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

15 02 78 1330              .3       25323  6
05 04 78 1215              .3       25353  6
09 05 78 1200              .3       27156  6        180.        10.         2.  L                              0.2      0.021      0.006
18 05 78 1230              .3       25390  0 0 0
12 06 78 1200              .3       25410  0 0 0
04 07 78 1255              .3       25470  0 0 0
05 07 78 1005              .3       27184  6         48.        12.         2.          25.0       10.0        1.6      0.035      0.004
02 08 78 0930              .3       27749  5         10.         4.  L      4.  L       24.0       10.0        2.4      0.052      0.014
21 08 78 1200              .3       25493  5         10.         4.  L      4.  L       24.0       10.0        2.4      0.052      0.014
06 09 78 0920              .3       27212  6                                            22.0        8.0        0.5      0.094      0.041
25 09 78 1155              .3       25518  6                                            22.0        8.0        0.5      0.094      0.041
03 10 78 0915              .3       27226            28.         2.  L      2.  L       14.0       10.0
24 10 78 1210              .3       25546            28.         2.  L      2.  L       14.0       10.0
07 11 78 0920              .3       27240  5 9       50.         4.  L      4.  L        7.0       11.0
29 11 78 1150              .3       25565  6
```

(CONTD)

STATION ID: 17-0026-003-02

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: AT STOCO LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 3 LAT: LONG: U T M: 18 0317125.0 4925150.0 4 REGION: 04 MILEAGE: 27.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
05 12 78 1000			.3		27254	4 6	20.	4. L	4.	4.0	12.0	1.2	0.031	0.012
14 12 78 1235			.3		25588	4 6	20.	4. L	4.	4.0	12.0	1.2	0.031	0.012
MAXIMUM							180.	12.	4.	25.0	12.0	2.4	0.094	0.041
AVG OR GEOM MN (*)							29.*	4.* D	3.* D	16.0	10.1	1.3	0.051	0.018
MINIMUM							10.	2.	2.	4.0	8.0	0.2	0.021	0.004
NO OF SAMPLES							9	9	9	10	10	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.014	0.460	0.005	0.140	0.159	0.446	0.605	95.0	1.9	93
05 07 78 1005			.3		0.002L	0.530	0.002	0.005L	0.009	0.528	0.537	117.0	3.3	114
02 08 78 0930			.3		0.022	1.260	0.002	0.005L	0.029	1.238	1.267	119.0	5.0	114
21 08 78 1200			.3		0.022	1.260	0.002	0.005L	0.029	1.238	1.267	119.0	5.0	114
06 09 78 0920			.3		0.102	0.760	0.002	0.005	0.109	0.658	0.767	109.0	2.3	107
25 09 78 1155			.3		0.102	0.760	0.002	0.005	0.109	0.658	0.767	109.0	2.3	107
05 12 78 1000			.3		0.021	0.670	0.005	0.090	0.116	0.649	0.765	110.0	3.0	107
14 12 78 1235			.3		0.021	0.670	0.005	0.090	0.116	0.649	0.765	110.0	3.0	107
MAXIMUM					0.102	1.260	0.005	0.140	0.159	1.238	1.267	119.0	5.0	114
AVG OR GEOM MN (*)					0.038D	0.796	0.003	0.043D	0.085	0.758	0.843	111.0	3.2	108
MINIMUM					0.002	0.460	0.002	0.005	0.009	0.446	0.537	95.0	1.9	93
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
15 02 78 1330			.3					0.037
05 04 78 1215			.3					0.026
09 05 78 1200			.3		143	1.20	2.8	0.029
18 05 78 1230			.3					0.016
12 06 78 1200			.3					0.019
04 07 78 1255			.3					0.019
05 07 78 1005			.3		175	2.90	3.5	0.017
02 C3 78 0930			.3		175	2.90	3.7	0.017
21 08 78 1200			.3		175	2.90	3.7	0.045
06 09 78 0920			.3		165	1.50	3.2	0.055
25 09 78 1155			.3		165	1.50	3.2	0.055
03 10 78 0915			.3					0.049
24 10 78 1210			.3					0.030
07 11 78 0920			.3					0.032
29 11 78 1150			.3					0.023
05 12 78 1000			.3		165	2.40	4.2	0.023
14 12 78 1235			.3		165	2.40	4.2	0.021
MAXIMUM					175	2.90	4.2	0.055
AVG OR GEOM MN (*)					166	2.21	3.6	0.030
MINIMUM					143	1.20	2.8	0.016
NO OF SAMPLES					8	8	8	17

STATION ID: 17-0026-004-02

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: STOCO BRIDGE HUNGERFORD TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 4 LAT: LONG: U T M: 18 0318925.0 4925175.0 4 REGION: 04 MILEAGE: 29.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1320			.3		25322	6								
03 04 78 1200			.3		25340	6								
05 04 78 1210			.3		25352	6								
09 05 78 1200			.3		27157	6	112.	2.	4.			0.4	0.023	0.006
18 05 78 1225			.3		25389									
12 06 78 1200			.3		25409									
04 07 78 1250			.3		25469									
05 07 78 1025			.3		27185	6	24.	4.	2.	25.0	9.0	1.2	0.028	0.010
02 08 78 0940			.3		27199	8	900.	12.	8.	24.0	9.0	1.5	0.031	0.014
21 08 78 1155			.3		25492	8	900.	12.	8.	24.0	9.0	1.5	0.031	0.014
06 09 78 0930			.3		27213	5				24.0	7.0	0.4	0.058	0.029
25 09 78 1150			.3		25517	5				24.0	7.0	0.4	0.058	0.029
03 10 78 0950			.3		27227		220.	2. L	2. L	13.0	9.0			
24 10 78 1205			.3		25545		220.	2. L	2. L	13.0	9.0			
07 11 78 0935			.3		27241	5	20.	4. L	4. L	8.0	12.0			
29 11 78 1140			.3		25564	6								
05 12 78 1025			.3		27255	6	10. L	4. L	2. L	4.0	12.0	0.8	0.028	0.014
14 12 78 1225			.3		25587	6	10. L	4. L	2. L	4.0	12.0	0.8	0.028	0.014
MAXIMUM							900.	12.	8.	25.0	12.0	1.5	0.058	0.029
AVG OR GEOM MN (*)							84.* D	4.* D	3.* D	16.3	9.5	0.9	0.036	0.016
MINIMUM							10.	2.	2.	4.0	7.0	0.4	0.023	0.006
NO OF SAMPLES							9	9	9	10	10	8	8	8

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.010	0.420	0.005	0.130	0.145	0.410	0.555	95.0	1.8	93
05 07 78 1025			.3		0.016	0.520	0.002	0.005	0.023	0.504	0.527	115.0	1.4	114
02 08 78 0940			.3		0.022	0.660	0.002	0.005L	0.029	0.638	0.667	111.0	3.8	107
21 08 78 1155			.3		0.022	0.660	0.002	0.005L	0.029	0.638	0.667	111.0	3.8	107
06 09 78 0930			.3		0.100	0.740	0.002	0.005	0.107	0.640	0.747	106.0	2.2	104
25 09 78 1150			.3		0.100	0.740	0.002	0.005	0.107	0.640	0.747	106.0	2.2	104
05 12 78 1025			.3		0.035	0.630	0.004	0.071	0.110	0.595	0.705	115.0	2.0	113
14 12 78 1225			.3		0.035	0.630	0.004	0.071	0.110	0.595	0.705	115.0	2.0	113
MAXIMUM					0.100	0.740	0.005	0.130	0.145	0.640	0.747	115.0	3.8	114
AVG OR GEOM MN (*)					0.043	0.625	0.003	0.037D	0.083	0.583	0.665	109.3	2.4	107
MINIMUM					0.010	0.420	0.002	0.005	0.023	0.410	0.527	95.0	1.4	93
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN. UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
15 02 78 1320			.3					0.029
03 04 78 1200			.3					0.022
05 04 78 1210			.3					0.210
09 05 78 1200			.3		143	1.00	2.8	0.024
18 05 78 1225			.3					0.015
12 06 78 1200			.3					0.017
04 07 78 1250			.3					0.020
05 07 78 1025			.3		175	1.40	3.2	0.016
02 08 78 0940			.3		165	2.30	3.1	0.016
21 08 78 1155			.3		165	2.30	3.1	0.045
06 09 78 0930			.3		160	1.60	2.9	0.062
25 09 78 1150			.3		160	1.60	2.9	0.059
03 10 78 0950			.3					0.055
24 10 78 1205			.3					0.046
07 11 78 0935			.3					0.036
29 11 78 1140			.3					0.021
05 12 78 1025			.3		175	2.40	4.2	0.021
14 12 78 1225			.3		175	2.40	4.2	0.019
MAXIMUM					175	2.40	4.2	0.210
AVG OR GEOM MN (*)					165	1.88	3.3	0.041
MINIMUM					143	1.00	2.8	0.015
NO OF SAMPLES					8	8	8	18

B.O.W./ SITE: STOCO LAKE
SAMPLE POINT: MUNICIPAL BEACH A TWEED
STATION TYPE: LAKE

STATION ID: 17-0026-005-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 5 LAT: LONG: U T M: 18 0316500.0 4926700.0 4 REGION: 04 MILEAGE: 31.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 05 78 1200			.3		27161	6								
05 07 78 1105			.3		27189	7				25.0	9.0	1.0	0.035	0.009
02 08 78 1030			.3		27203	8	10.	4. L	4. L	24.0	10.0	2.0	0.040	0.014
06 09 78 1010			.3		27217	8				23.0	9.0	0.4	0.040	0.024
03 10 78 1055			.3		27231	6	70.	2. L	2. L					
07 11 78 1055			.3		27245	5 7 9	168.	2. L	2.	7.0	8.0	1.8	0.033	0.007
05 12 78 1115			.3		27259	4	100. L	6. L	4.	2.0	11.0			
MAXIMUM							168.	6.	4.	25.0	11.0	2.0	0.040	0.024
AVG OR GEOM MN (*)							59.* D	3.* D	3.* D	16.2	9.4	1.3	0.037	0.014
MINIMUM							10.	2.	2.	2.0	8.0	0.4	0.033	0.007
NO OF SAMPLES							4	4	4	5	5	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
05 07 78 1105			.3		0.018	0.470	0.002	0.005	0.025	0.452	0.477	110.0	2.7	107
02 08 78 1030			.3		0.010	0.640	0.002	0.005L	0.017	0.630	0.647	108.0	3.7	104
06 09 78 1010			.3		0.086	0.610	0.003	0.005	0.094	0.524	0.618	98.0	1.7	96
07 11 78 1055			.3		0.039	0.690	0.003	0.012	0.054	0.651	0.705	127.0	3.0	124
MAXIMUM					0.086	0.690	0.003	0.012	0.094	0.651	0.705	127.0	3.7	124
AVG OR GEOM MN (*)					0.038	0.603	0.003	0.007D	0.048	0.564	0.612	110.8	2.8	108
MINIMUM					0.010	0.470	0.002	0.005	0.017	0.452	0.477	98.0	1.7	96
NO OF SAMPLES					4	4	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
09 05 78 1200			.3					0.019
05 07 78 1105			.3		165	1.80	3.4	0.018
02 08 78 1030			.3		160	2.70	3.0	0.033
06 09 78 1010			.3		147	1.50	2.7	0.052
03 10 78 1055			.3					0.049
07 11 78 1055			.3		190	3.50	5.7	0.049
05 12 78 1115			.3					0.049
MAXIMUM					190	3.50	5.7	0.052
AVG OR GEOM MN (*)					166	2.38	3.7	0.038
MINIMUM					147	1.50	2.7	0.018
NO OF SAMPLES					4	4	4	7

STATION ID: 17-0026-006-02

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: JAMESON STREET TWEED
STATION TYPE: RIVER   FLOW GAUGE FED 02HL101

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 6   LAT: LONG: U T M: 18 0316010.0 4927600.0 4   REGION: 04   MILEAGE: 31.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
15 02 78 1235			.3		25320	6								
03 04 78 1200			.3		25337	6								
05 04 78 1140			.3		25349	6								
09 05 78 1200			.3		27160	6	320.	2.	4.			0.4	0.025	0.006
18 05 78 1155			.3		25386									
12 06 78 1200			.3		25406									
04 07 78 1225			.3		25466									
05 07 78 1055			.3		27188	6	400.	58.	124.	25.0	9.0	1.0	0.033	0.013
02 08 78 1020			.3		27202	6	100. L	40.	16.	23.0	9.0	0.6	0.066	0.010
21 08 78 1135			.3		25489	6	100. L	40.	16.	23.0	9.0	0.6	0.066	0.010
06 09 78 1000			.3		27216	6				22.0	8.0	0.2	0.024	0.005
25 09 78 1125			.3		25514	6				22.0	8.0	0.2	0.024	0.005
03 10 78 1045			.3		27230		180.	4. L	72.	13.0	8.0			
24 10 78 1140			.3		25542		180.	4. L	72.	13.0	8.0			
07 11 78 1040			.3		27244	6 8	70.	4. L	8.	7.0	10.0	1.0	0.028	0.016
29 11 78 1125			.3		25562	6								
05 12 78 1110			.3		27258	6	120.	4.	16.	4.0	13.0	1.0	0.026	0.010
14 12 78 1200			.3		25585	6	120.	4.	16.	4.0	13.0	1.0	0.026	0.010
MAXIMUM							400.	58.	124.	25.0	13.0	1.0	0.066	0.016
AVG OR GEOM MN (*)							151.* D	8.* D	22.*	15.6	9.5	0.7	0.035	0.009
MINIMUM							70.	2.	4.	4.0	8.0	0.2	0.024	0.005
NO OF SAMPLES							9	9	9	10	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.010	0.430	0.005	0.110	0.125	0.420	0.545	87.0	2.1	85
05 07 78 1055			.3		0.008	0.510	0.003	0.035	0.046	0.502	0.548	89.0	4.1	85
02 08 78 1020			.3		0.018	0.920	0.004	0.036	0.058	0.902	0.960	58.0	1.6	56
21 08 78 1135			.3		0.018	0.920	0.004	0.036	0.058	0.902	0.960	58.0	1.6	56
06 09 78 1000			.3		0.032	0.490	0.004	0.025	0.061	0.458	0.519	65.0	1.0	64
25 09 78 1125			.3		0.032	0.490	0.004	0.025	0.061	0.458	0.519	65.0	1.0	64
07 11 78 1040			.3		0.025	0.590	0.004	0.046	0.075	0.565	0.640	121.0	0.7	120
05 12 78 1110			.3		0.019	0.590	0.004	0.101	0.124	0.571	0.695	100.0	2.0	98
14 12 78 1200			.3		0.019	0.590	0.004	0.101	0.124	0.571	0.695	100.0	2.0	98
MAXIMUM					0.032	0.920	0.005	0.110	0.125	0.902	0.960	121.0	4.1	120
AVG OR GEOM MN (*)					0.020	0.614	0.004	0.057	0.081	0.594	0.676	82.6	1.8	81
MINIMUM					0.008	0.430	0.003	0.025	0.046	0.420	0.519	58.0	0.7	56
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1215			.3					0.038
15 02 78 1235			.3					0.043
03 04 78 1200			.3					0.018
05 04 78 1140			.3					0.031
09 05 78 1200			.3		131	1.10	2.7	0.031
18 05 78 1155			.3					0.017
12 06 78 1200			.3					0.023
04 07 78 1225			.3					0.018
05 07 78 1055			.3		130	1.40	2.7	0.014
02 08 78 1020			.3		84	1.10	1.7	0.010
21 08 78 1135			.3		84	1.10	1.7	0.005
06 09 78 1000			.3		99	0.90	1.7	0.008
25 09 78 1125			.3		99	0.90	1.7	0.004
03 10 78 1045			.3					0.004
24 10 78 1140			.3					0.025
07 11 78 1040			.3		185	1.50	4.6	0.025
29 11 78 1125			.3					0.023
05 12 78 1110			.3		150	2.40	4.0	0.023
14 12 78 1200			.3		150	2.40	4.0	0.021
MAXIMUM					185	2.40	4.6	0.043
AVG OR GEOM MN (*)					124	1.42	2.7	0.020
MINIMUM					84	0.90	1.7	0.004
NO OF SAMPLES					9	9	9	19

STATION ID: 17-0026-007-02

B.O.W./ SITE: CLARE RIVER
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM STOCO LAKE TWEED
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 7   LAT: LONG: U T M: 18 0319350.0 4927650.0 4   REGION: 04   MILEAGE: 32.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1240			.3		25307	4								
15 02 78 1305			.3		25321	6								
03 04 78 1200			.3		25339	6								
05 04 78 1200			.3		25351	6								
09 05 78 1200			.3		27158	6	190.	18.	4.			0.4	0.016	0.002
18 05 78 1210			.3		25388									
12 06 78 1200			.3		25408									
04 07 78 1240			.3		25468									
05 07 78 1025			.3		27186	8	30.	24.	2. L	25.0	10.0	0.8	0.019	0.003
02 08 78 1000			.3		27200	7	70.	32.	4.	22.0	9.0	0.8	0.025	0.003
21 08 78 1150			.3		25491	7	70.	32.	4.	22.0	9.0	0.8	0.025	0.003
06 09 78 0940			.3		27214	7				24.0	8.0	0.2	0.024	0.005
25 09 78 1140			.3		25516	7				24.0	8.0	0.2	0.024	0.005
03 10 78 1010			.3		27228		110.	4. L	64.	13.0	3.0			
24 10 78 1200			.3		25544		110.	4. L	64.	13.0	3.0			

(C O N T D)

07 11 78 0950	.3	27242	5 9	40.	8.	8.	9.0	9.0			
05 12 78 1040	.3	27256	4	850.	500.	172.	2.0	4.0	0.6	0.013	0.002
MAXIMUM				850.	500.	172.	25.0	10.0	0.8	0.025	0.005
AVG OR GEOM MN (*)				102.*	20.* D	13.* D	17.1	7.0	0.5	0.021	0.003
MINIMUM				30.	4.	2.	2.0	3.0	0.2	0.013	0.002
NO OF SAMPLES				8	8	8	9	9	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.012	0.420	0.003	0.005	0.020	0.408	0.428	148.0	1.6	146
05 07 78 1025			.3		0.020	0.510	0.002	0.005L	0.027	0.490	0.517	213.0	1.6	211
02 08 78 1000			.3		0.018	0.530	0.003	0.005L	0.026	0.512	0.538	198.0	6.3	192
21 08 78 1150			.3		0.018	0.530	0.003	0.005L	0.026	0.512	0.538	198.0	6.3	192
06 09 78 0940			.3		0.088	0.560	0.028	0.220	0.336	0.472	0.808	190.0	1.8	188
25 09 78 1140			.3		0.088	0.560	0.028	0.220	0.336	0.472	0.808	190.0	1.8	188
05 12 78 1040			.3		0.010	0.470	0.002	0.053	0.065	0.460	0.525	162.0	3.0	159
MAXIMUM					0.088	0.560	0.028	0.220	0.336	0.512	0.808	213.0	6.3	211
AVG OR GEOM MN (*)					0.036	0.511	0.010	0.0730	0.119	0.475	0.595	165.6	3.2	182
MINIMUM					0.010	0.420	0.002	0.005	0.020	0.408	0.428	148.0	1.6	146
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1240			.3					0.001
15 02 78 1305			.3					0.001L
03 04 78 1200			.3					0.001L
05 04 78 1200			.3					0.001
09 05 78 1200			.3		225	1.10	2.8	0.001L
18 05 78 1210			.3					0.001
12 06 78 1200			.3					0.003
04 07 78 1240			.3					0.020
05 07 78 1025			.3		325	1.90	2.2	0.004
02 08 78 1000			.3		295	1.20	2.8	0.005
21 08 78 1150			.3		295	1.20	2.8	0.006
06 09 78 0940			.3		290	0.90	3.1	0.005
25 09 78 1140			.3		290	0.90	3.1	0.004
03 10 78 1010			.3					0.004
24 10 78 1200			.3					0.004
07 11 78 0950			.3					0.003
05 12 78 1040			.3		245	3.00	5.5	0.003
MAXIMUM					325	3.00	5.5	0.020
AVG OR GEOM MN (*)					281	1.46	3.2	0.004D
MINIMUM					225	0.90	2.2	0.001
NO OF SAMPLES					7	7	7	17

B.O.W./ SITE: SULPHIDE CREEK
SAMPLE POINT: UPSTREAM FROM STOCO LAKE HUNGERFORD TWP
STATION TYPE: RIVER

STATION ID: 17-0026-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 8 LAT: LONG: U T M: 18 0318525.0 4929475.0 4 REGION: 04 MILEAGE: 32.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1230			.3		25306	4								
03 04 78 1200			.3		25338	4								
05 04 78 1150			.3		25350	6								
09 05 78 1200			.3		27159	6	250.	72.	50.			0.8	0.035	0.006
18 05 78 1200			.3		25387									
12 06 78 1200			.3		25407									
04 07 78 1230			.3		25467									
05 07 78 1035			.3		27187	9	150.	40.	26.	25.0	6.0	2.5	0.096	0.011
02 08 78 1010			.3		27201	9	100. L	4.	8.	21.0	5.0	4.4		
21 08 78 1140			.3		25490	9	100. L	4.	8.	21.0	5.0	4.4		
06 09 78 0950			.3		27215	9				20.0	5.0	0.8	0.076	0.026
25 09 78 1135			.3		25515	9				20.0	5.0	0.8	0.076	0.026
03 10 78 1025			.3		27229		140.	6.	6.	11.0	4.0			
24 10 78 1150			.3		25543		140.	6.	6.	11.0	4.0			
07 11 78 1015			.3		27243	9 5	90.	32.	4.	7.0	0.0	0.4	0.047	0.010
29 11 78 1135			.3		25563	6								
05 12 78 1055			.3		27257	4	340.	32.	124.			0.6	0.023	0.008
14 12 78 1210			.3		25586	4	340.	32.	124.			0.6	0.023	0.008
MAXIMUM							340.	72.	124.	25.0	6.0	4.4	0.096	0.026
AVG OR GEOM MN (*)							162.* D	16.*	18.*	17.0	4.3	1.7	0.054	0.014
MINIMUM							90.	4.	4.	7.0	0.0	0.4	0.023	0.006
NO OF SAMPLES							9	9	9	8	8	9	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.036	0.650	0.005	0.035	0.076	0.614	0.690	111.0	6.8	104
05 07 78 1035			.3		0.114	0.960	0.009	0.025	0.148	0.846	0.994	171.0	8.0	163
06 09 78 0950			.3		0.240	0.920	0.023	0.160	0.423	0.680	1.103	157.0	3.9	153
25 09 78 1135			.3		0.240	0.920	0.023	0.160	0.423	0.680	1.103	157.0	3.9	153
07 11 78 1015			.3		0.037	0.590	0.004	0.101	0.142	0.553	0.695	211.0	3.0	208
05 12 78 1055			.3		0.045	0.660	0.004	0.176	0.225	0.615	0.840	86.0	1.0	85
14 12 78 1210			.3		0.045	0.660	0.004	0.176	0.225	0.615	0.840	86.0	1.0	85
MAXIMUM					0.240	0.960	0.023	0.176	0.423	0.846	1.103	211.0	8.0	208
AVG OR GEOM MN (*)					0.108	0.766	0.010	0.119	0.237	0.658	0.895	139.9	3.9	136
MINIMUM					0.036	0.590	0.004	0.025	0.076	0.553	0.690	86.0	1.0	85
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

(C O N T D)

B.O.W./ SITE: SULPHIDE CREEK
SAMPLE POINT: UPSTREAM FROM STOCO LAKE HUNGERFORD TWP
STATION TYPE: RIVER

STATION ID: 17-0026-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 8 LAT: LONG: U T M: 18 0318525.0 4929475.0 4 REGION: 04 MILEAGE: 32.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1230			.3					0.001
03 C1 78 1200			.3					0.001
05 04 78 1150			.3					0.001
09 05 78 1200			.3		160	2.80	3.1	0.001L
18 05 78 1200			.3					0.001L
12 06 78 1200			.3					0.003
04 07 78 1230			.3					0.005
05 07 78 1035			.3		250	3.20	5.5	0.015
02 08 78 1010			.3					0.009
21 08 78 1140			.3					0.008
06 09 78 0950			.3		235	2.50	3.6	0.022
25 09 78 1135			.3		235	2.50	3.6	0.009
03 10 78 1025			.3					0.002
24 10 78 1150			.3					0.001
07 11 78 1015			.3		320	2.60	8.3	0.001
29 11 78 1135			.3					0.001L
05 12 78 1055			.3		131	3.00	4.7	0.001L
14 12 78 1210			.3		131	3.00	4.7	0.001L
MAXIMUM					320	3.20	8.3	0.022
AVG OR GEOM MN (*)					209	2.80	4.8	0.0050
MINIMUM					131	2.50	3.1	0.001
NO OF SAMPLES					7	7	7	18

B.O.W./ SITE: SKOOTAMOTTA RIVER
SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL004

STATION ID: 17-0026-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 9 LAT: LONG: U T M: 18 0315050.0 4935300.0 4 REGION: 04 MILEAGE: 37.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1200			.3		25304		470.00							
15 02 78 1225			.3		25319	6	294.00							
03 04 78 1200			.3		25336		1280.00							
05 04 78 1120			.3		25348	6	1010.00							
09 05 78 1200			.3		27162	6	625.00	440.	8.	4.			0.4	0.025
18 05 78 1140			.3		25385		611.00							
12 06 78 1200			.3		25405		63.60							
04 07 78 1210			.3		25465		27.10							
05 07 78 1135			.3		27190	6	26.50	13000E+1	150.	24.	26.0	10.0	0.8	0.022
02 08 78 1115			.3		27204	8	25.90	66000.	48.	24.	25.0	10.0	0.5	0.021
21 08 78 1120			.3		25488		26.30							
06 09 78 1045			.3		27218	8	17.00				23.0	8.0	0.2	0.019
25 09 78 1115			.3		25513		25.60							
03 10 78 1120			.3		27232		22.00	16000.	4.	12.	13.0	11.0		
24 10 78 1125			.3		25541		21.40							
07 11 78 1105			.3		27246	5 B	25.80	910.	4. L	4.	10.0	10.0	0.6	0.026
29 11 78 1115			.3		25561	6	219.00							
05 12 78 1145			.3		27260	6	325.00	250.	16.	32.	3.0	11.0	1.0	0.024
14 12 78 1150			.3		25584		269.00							
MAXIMUM							1280.00	13000E+1	150.	32.	26.0	11.0	1.0	0.026
AVG OR GEOM MN (*)							283.38	4893.*	16.* D	12.*	16.7	10.0	0.6	0.023
MINIMUM							17.00	250.	4.	4.	3.0	8.0	0.2	0.019
NO OF SAMPLES							19	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 05 78 1200			.3		0.002	0.008	0.530	0.004	0.060	0.072	0.522	0.594	39.0	2.9
05 07 78 1135			.3		0.006	0.034	0.500	0.004	0.025	0.063	0.466	0.529	50.0	0.9
02 08 78 1115			.3		0.003	0.014	0.490	0.003	0.012	0.029	0.476	0.505	45.0	1.7
06 09 78 1045			.3		0.003	0.056	0.440	0.003	0.015	0.074	0.384	0.458	51.0	2.9
07 11 78 1105			.3		0.006	0.016	0.610	0.004	0.036	0.056	0.594	0.650	67.0	0.1
05 12 78 1145			.3		0.002	0.029	0.670	0.003	0.122	0.154	0.641	0.795	53.0	4.0
MAXIMUM					0.006	0.056	0.670	0.004	0.122	0.154	0.641	0.795	67.0	4.0
AVG OR GEOM MN (*)					0.004	0.026	0.540	0.004	0.045	0.075	0.514	0.589	50.8	2.1
MINIMUM					0.002	0.008	0.440	0.003	0.012	0.029	0.384	0.458	39.0	0.1
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1200			.3						0.001L
15 02 78 1225			.3						0.001L
03 04 78 1200			.3						0.001L
05 04 78 1120			.3						0.001
09 05 78 1200			.3		36	56	1.00	1.3	0.001L
18 05 78 1140			.3						0.001
12 06 78 1200			.3						0.001
04 07 78 1210			.3						0.001
05 07 78 1135			.3		49	74	1.20	1.7	0.001
02 08 78 1115			.3		43	66	1.00	1.5	0.001
21 08 78 1120			.3						0.001
06 09 78 1045			.3		48	74	0.70	1.8	0.001
25 09 78 1115			.3						0.001L
03 10 78 1120			.3						0.001
24 10 78 1125			.3						0.001
07 11 78 1105			.3		67	103	1.80	4.1	0.001
29 11 78 1115			.3						0.001
05 12 78 1145			.3		49	75	2.40	2.5	0.001
14 12 78 1150			.3						0.001L

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
MAXIMUM					67	103	2.40	4.1	0.001
AVG OR GEOM MN (*)					49	75	1.35	2.2	0.001D
MINIMUM					36	56	0.70	1.3	0.001
NO OF SAMPLES					6	6	6	6	19

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 7 2 MILES EAST OF ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02HL003

STATION ID: 17-0026-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 10 LAT: LONG: U T M: 18 0311750.0 4934275.0 4 REGION: 04 MILEAGE: 39.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
17 01 78 1150			.3		25303		220.00							
15 02 78 1215			.3		25318	6	250.00							
03 04 78 1200			.3		25335		749.00							
05 04 78 1110			.3		25347	6	614.00							
09 05 78 1200			.3		27163	6	350.00	430.	12.	6.			0.4	0.016
18 05 78 1130			.3		25384		396.00							
12 06 78 1200			.3		25404		54.00							
04 07 78 1200			.3		25464		37.10							
05 07 78 1150			.3		27191	6	36.40	120.	44.	4.	26.0	10.0	1.0	0.017
02 08 78 1140			.3		27205	8	34.30	200.	56.	4.	24.0	10.0	0.4	0.021
21 08 78 1115			.3		25487		2.30							
06 09 78 1100			.3		27219	6	28.70				23.0	7.0	0.2	0.016
25 09 78 1050			.3		25512		32.40							
03 10 78 1130			.3		27233		13.90				13.0	9.0		
24 10 78 1120			.3		25540		26.10							
07 11 78 1130			.3		27247	5	45.40	400.	4. L	4. L	8.0	9.0	0.4	0.020
29 11 78 1050			.3		25560	6	134.00							
05 12 78 1200			.3		27261	6	195.00	180.	8.	28.	3.0	11.0	0.8	0.019
14 12 78 1140			.3		25583		148.00							
MAXIMUM							749.00	430.	56.	28.	26.0	11.0	1.0	0.021
AVG OR GEOM MN (*)							177.19	237.*	16.* D	6.* D	16.2	9.3	0.5	0.018
MINIMUM							2.30	120.	4.	4.	3.0	7.0	0.2	0.016
NO OF SAMPLES							19	5	5	5	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 05 78 1200			.3		0.002	0.012	0.450	0.005	0.115	0.132	0.438	0.570	61.0	4.0
05 07 78 1150			.3		0.002	0.018	0.440	0.003	0.035	0.056	0.422	0.478	50.0	1.1
02 08 78 1140			.3		0.004	0.020	0.430	0.004	0.066	0.090	0.410	0.500	44.0	0.9
06 09 78 1100			.3		0.003	0.026	0.440	0.003	0.030	0.059	0.414	0.473	47.0	0.9
07 11 78 1130			.3		0.002	0.007	0.610	0.003	0.047	0.057	0.603	0.660	72.0	0.4
05 12 78 1200			.3		0.005	0.029	0.710	0.004	0.121	0.154	0.681	0.835	80.0	2.0
MAXIMUM					0.005	0.029	0.710	0.005	0.121	0.154	0.681	0.835	80.0	4.0
AVG OR GEOM MN (*)					0.003	0.019	0.513	0.004	0.069	0.091	0.495	0.586	59.0	1.6
MINIMUM					0.002	0.007	0.430	0.003	0.030	0.056	0.410	0.473	44.0	0.4
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1150			.3						0.001
15 02 78 1215			.3						0.001
03 04 78 1200			.3						0.001
05 04 78 1110			.3						0.001
09 05 78 1200			.3		57	88	1.10	1.2	0.001L
18 05 78 1130			.3						0.001
12 06 78 1200			.3						0.001
04 07 78 1200			.3						0.001
05 07 78 1150			.3		49	75	1.10	0.9	0.001
02 08 78 1140			.3		43	66	1.10	0.8	0.001
21 08 78 1115			.3						0.002
06 09 78 1100			.3		46	71	0.80	0.8	0.001
25 09 78 1050			.3						0.001
03 10 78 1130			.3						0.001
24 10 78 1120			.3						0.002
07 11 78 1130			.3		72	110	1.30	1.6	0.002
29 11 78 1050			.3						0.001
05 12 78 1200			.3		78	120	2.10	2.1	0.001
14 12 78 1140			.3						0.001
MAXIMUM					78	120	2.10	2.1	0.002
AVG OR GEOM MN (*)					58	88	1.25	1.2	0.001D
MINIMUM					43	66	0.80	0.8	0.001
NO OF SAMPLES					6	6	6	6	19

B.O.W./ SITE: MOIRA LAKE
SAMPLE POINT: COUNTY BRIDGE 1 MILE SOUTH OF MADOC
STATION TYPE: LAKE

STATION ID: 17-0026-011-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 11 LAT: LONG: U T M: 18 0303700.0 4927750.0 4 REGION: 04 MILEAGE: 44.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1015			.3		25300	4								
15 02 78 1050			.3		25314	4								
03 04 78 1200			.3		25331	4								
05 04 78 1000			.3		25343	6								
09 05 78 1200			.3		27167	6	124.	2. L	2. L			2.0	0.029	0.020
18 05 78 1015			.3		25380									
12 06 78 1200			.3		25400									
05 07 78 1400			.3		27195	6	10. L	2. L	2. L	28.0	11.0	2.0	0.044	0.040
02 08 78 1415			.3		27209	5	10. L	4. L	4.	28.0	11.0	3.4	0.076	0.049
21 08 78 1010			.3		25483	5	10. L	4. L	4.	28.0	11.0	3.4	0.076	0.049
06 09 78 1305			.3		27223	9						1.2	0.068	0.048
25 09 78 0950			.3		25507	9						1.2	0.068	0.048
03 10 78 1340			.3		27237		344.	2. L	8.	13.0	10.0			
24 10 78 1010			.3		25536		344.	2. L	8.	13.0	10.0			
07 11 78 1420			.3		27251	5 8	10. L	2. L	2. L	10.0	10.0	1.2	0.050	0.050
29 11 78 0930			.3		25556	6								
05 12 78 1400			.3		27265	6	20.	4. L	4. L	2.0	10.0	1.2	0.045	0.039
14 12 78 1010			.3		26299	6	20.	4. L	4. L	2.0	10.0	1.2	0.045	0.039
MAXIMUM							344.	4.	8.	28.0	11.0	3.4	0.076	0.050
AVG OR GEOM MN (*)							34.* D	3.* D	4.* D	15.5	10.4	1.9	0.056	0.042
MINIMUM							10.	2.	2.	2.0	10.0	1.2	0.029	0.020
NO OF SAMPLES							9	9	9	8	8	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78 1200			.3		0.010	0.450	0.005	0.075	0.090	0.440	0.530	155.0	1.9	153
05 07 78 1400			.3		0.014	0.710	0.002	0.005L	0.021	0.696	0.717	180.0	4.1	176
02 08 78 1415			.3		0.006	0.810	0.002	0.005L	0.013	0.804	0.817	179.0	6.8	172
21 08 78 1010			.3		0.006	0.810	0.002	0.005L	0.013	0.804	0.817	179.0	6.8	172
06 09 78 1305			.3		0.076	0.880	0.002	0.005L	0.083	0.804	0.887	180.0	4.5	176
25 09 78 0950			.3		0.076	0.880	0.002	0.005L	0.083	0.804	0.887	180.0	4.5	176
07 11 78 1420			.3		0.012	0.610	0.002	0.008	0.022	0.598	0.620	198.0	3.0	195
05 12 78 1400			.3		0.025	0.640	0.003	0.062	0.090	0.615	0.705	199.0	1.0	198
14 12 78 1010			.3		0.025	0.640	0.003	0.062	0.090	0.615	0.705	199.0	1.0	198
MAXIMUM					0.076	0.880	0.005	0.075	0.090	0.804	0.887	199.0	6.8	198
AVG OR GEOM MN (*)					0.028	0.714	0.003	0.026D	0.056	0.687	0.743	183.2	3.7	180
MINIMUM					0.006	0.450	0.002	0.005	0.013	0.440	0.530	155.0	1.0	153
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1015			.3					0.140
15 02 78 1050			.3					0.092
03 04 78 1200			.3					0.068
05 04 78 1000			.3					0.160
09 05 78 1200			.3		235	1.00	4.7	0.049
18 05 78 1015			.3					0.057
12 06 78 1200			.3					0.087
05 07 78 1400			.3		270	2.90	6.0	0.100
02 08 78 1415			.3		260	4.40	6.5	0.132
21 08 78 1010			.3		260	4.40	6.5	0.130
06 09 78 1305			.3		270	2.50	6.8	0.130
25 09 78 0950			.3		270	2.50	6.8	0.098
03 10 78 1340			.3					0.097
24 10 78 1010			.3					0.120
07 11 78 1420			.3		300	2.20	9.5	0.014
29 11 78 0930			.3					0.089
05 12 78 1400			.3		305	2.10	11.0	0.089
14 12 78 1010			.3		305	2.10	11.0	0.090
MAXIMUM					305	4.40	11.0	0.160
AVG OR GEOM MN (*)					275	2.68	7.6	0.097
MINIMUM					235	1.00	4.7	0.014
NO OF SAMPLES					9	9	9	18

B.O.W./ SITE: MADOC CREEK
SAMPLE POINT: AT RAILWAY BRIDGE 1 MILE SOUTH OF MADOC
STATION TYPE: RIVER

STATION ID: 17-0026-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 12 LAT: LONG: U T M: 18 0303200.0 4903525.0 4 REGION: 04 MILEAGE: 46.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1030			.3		25301	4								
15 02 78 1100			.3		25315	6								
03 04 78 1200			.3		25332	6								
05 04 78 1005			.3		25344	6								
09 05 78 1200			.3		27166	6	870.	210.	110.			0.6	0.019	0.001
18 05 78 1025			.3		25381									
12 06 78 1200			.3		25401									
04 07 78 1045			.3		25461									
05 07 78 1350			.3		27194	9	180.	106.	22.	27.0	9.0	1.0	0.048	0.017
02 08 78 1405			.3		27208	6	100.	4.	4.	25.0	10.0	0.8	0.032	0.011
21 08 78 1015			.3		25484	6	100.	4.	4.	25.0	10.0	0.8	0.032	0.011
06 09 78 1250			.3		27222					23.0	9.0	0.2	0.029	0.009
25 09 78 1000			.3		25508					23.0	9.0	0.2	0.029	0.009
03 10 78 1330			.3		27236		440.	4.	28.	13.0	6.0			
24 10 78 1020			.3		25537		440.	4.	28.	13.0	6.0			
07 11 78 1350			.3		27250	5 7 9	150.	2.	10.	10.0	11.0	1.2	0.153	0.082

(C O N T D)

29 11 78 1000	.3	25557	6								
05 12 78 1350	.3	27264	4	600.	24.	196.	2.0	6.0	4.0	0.064	0.017
14 12 78 1025	.3	25580	4	600.	24.	196.	2.0	6.0	4.0	0.064	0.017
MAXIMUM				870.	210.	196.	27.0	11.0	4.0	0.153	0.082
AVG OR GEOM MN (*)				294.*	12.*	28.*	16.3	8.2	1.4	0.052	0.019
MINIMUM				100.	2.	4.	2.0	6.0	0.2	0.019	0.001
NO OF SAMPLES				9	9	9	10	10	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 05 78 1200			.3		0.008	0.500	0.007	0.375	0.390	0.492	0.882	265.0	1.7	
05 07 78 1350			.3		0.058	0.660	0.005	0.025	0.088	0.602	0.690	261.0	3.8	
02 08 78 1405			.3		0.032	0.520	0.003	0.005L	0.040	0.488	0.528	264.0	1.7	262
21 08 78 1015			.3		0.032	0.520	0.003	0.005L	0.040	0.488	0.528	264.0	1.7	262
06 09 78 1250			.3		0.056	0.620	0.002	0.005	0.063	0.564	0.627	291.0	1.7	289
25 09 78 1000			.3		0.056	0.620	0.002	0.005	0.063	0.564	0.627	291.0	1.7	289
07 11 78 1350			.3		0.021	0.910	0.005	0.025	0.051	0.889	0.940	401.0	3.0	398
05 12 78 1350			.3		0.025	0.980	0.006	0.339	0.370	0.955	1.325	350.0	23.0	327
14 12 78 1025			.3		0.025	0.980	0.006	0.339	0.370	0.955	1.325	350.0	23.0	327
MAXIMUM					0.058	0.980	0.007	0.375	0.390	0.955	1.325	401.0	23.0	398
AVG OR GEOM MN (*)					0.035	0.701	0.004	0.1250	0.164	0.666	0.830	304.1	6.8	308
MINIMUM					0.008	0.500	0.002	0.005	0.040	0.488	0.528	261.0	1.7	262
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78 1030			.3						0.001L
15 02 78 1100			.3						0.001L
03 04 78 1200			.3						0.001
05 04 78 1005			.3						0.001
09 05 78 1200			.3		263	405	1.00	10.0	0.001L
18 05 78 1025			.3						0.001
12 06 78 1200			.3						0.002
04 07 78 1045			.3						0.003
05 07 78 1350			.3		257	395	1.70	19.0	0.003
02 08 78 1405			.3			420	1.20	39.0	0.003
21 08 78 1015			.3			420	1.20	39.0	0.001
06 09 78 1250			.3			465	1.10	43.0	0.005
25 09 78 1000			.3			465	1.10	43.0	0.002
03 10 78 1330			.3						0.002
24 10 78 1020			.3						0.002
07 11 78 1350			.3			670	2.00	58.0	0.003
29 11 78 1000			.3						0.002
05 12 78 1350			.3			495	5.40	18.5	0.002
14 12 78 1025			.3			495	5.40	18.5	0.001
MAXIMUM					263	670	5.40	58.0	0.005
AVG OR GEOM MN (*)					260	470	2.23	32.0	0.002D
MINIMUM					257	395	1.00	10.0	0.001
NO OF SAMPLES					2	9	9	9	19

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HIGHWAY 7 1 MILE SOUTH OF DELORO
STATION TYPE: RIVER FLOW GAUGE FED 02HL005

STATION ID: 17-0026-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 13 LAT: LONG: U T M: 18 0291850.0 4930500.0 4 REGION: 04 MILEAGE: 57.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
15 02 78 1200			.3		25316		112.00							
03 04 78 1200			.3		25333		340.00							
05 04 78 1025			.3		25345	6	310.00							
09 05 78 1200			.3		27164	6	216.00	180.	10.	10.			0.4	0.026
18 05 78 1040			.3		25382		297.00							
12 06 78 1200			.3		25402		18.30							
04 07 78 1100			.3		25462		2.40							
05 07 78 1215			.3		27192	6	2.40	100.	14.	10.	25.0	9.0	1.0	0.165
02 08 78 1200			.3		27206	8	0.71	40.	4.	4. L	24.0	8.0	1.0	0.360
21 08 78 1030			.3		25485		0.71							
06 09 78 1115			.3		27220	8	2.00				22.0	9.0	0.2	0.842
25 09 78 1020			.3		25509		10.90							
03 10 78 1210			.3		27234		10.80	270.	2. L	6.	12.5	10.0		
24 10 78 1030			.3		25538		20.10							
07 11 78 1150			.3		27248	5 8	29.10				9.0	9.0	0.4	0.045
29 11 78 1020			.3		25558	6	103.00							
05 12 78 1220			.3		27262	6	133.00	40.	4. L	20.	3.0	11.0	1.0	0.057
14 12 78 1055			.3		25581		91.10							
MAXIMUM							340.00	270.	14.	20.	25.0	11.0	1.0	0.842
AVG OR GEOM MN (*)							94.42	95.*	5.* D	9.* D	15.9	9.3	0.7	0.249
MINIMUM							0.71	40.	2.	4.	3.0	8.0	0.2	0.026
NO OF SAMPLES							18	5	5	5	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 05 78 1200			.3		0.032	0.008	0.440	0.004	0.180	0.192	0.432	0.624	128.0	1.3
05 07 78 1215			.3		0.165	0.048	0.680	0.003	0.010	0.061	0.632	0.693	172.0	3.3
02 08 78 1200			.3		0.340	0.038	0.660	0.002	0.005L	0.045	0.622	0.667	158.0	2.0
06 09 78 1115			.3		0.650	0.022	0.490	0.002	0.005	0.029	0.468	0.497	177.0	0.7
07 11 78 1150			.3		0.045	0.014	0.620	0.003	0.017	0.034	0.606	0.640	135.0	0.1
05 12 78 1220			.3		0.057	0.014	0.670	0.003	0.142	0.159	0.656	0.815	146.0	3.0
MAXIMUM					0.650	0.048	0.680	0.004	0.180	0.192	0.656	0.815	177.0	3.3
AVG OR GEOM MN (*)					0.215	0.024	0.593	0.003	0.060D	0.087	0.569	0.656	152.7	1.7
MINIMUM					0.032	0.008	0.440	0.002	0.005	0.029	0.432	0.497	128.0	0.1
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

(C O N T D)

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HIGHWAY 7 1 MILE SOUTH OF DELORO
STATION TYPE: RIVER FLOW GAUGE FED 02HL005

STATION ID: 17-0026-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 13 LAT: LONG: U T M: 18 0291850.0 4930500.0 4 REGION: 04 MILEAGE: 57.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
15 02 78	1200			.3						0.064
03 04 78	1200			.3						0.170
05 04 78	1025			.3						0.260
09 05 78	1200			.3		127	195	1.00	3.8	0.078
18 05 78	1040			.3						0.036
12 06 78	1200			.3						0.140
04 07 78	1100			.3						0.450
05 07 78	1215			.3		169	260	1.90	5.6	0.440
02 08 78	1200			.3		156	240	1.50	5.5	1.0
21 08 78	1030			.3						1.600
06 09 78	1115			.3		176	270	0.90	6.8	2.100
25 09 78	1020			.3						0.540
03 10 78	1210			.3						0.076
24 10 78	1030			.3						0.180
07 11 78	1150			.3		135	210	1.10	5.3	0.180
29 11 78	1020			.3						0.087
05 12 78	1220			.3		143	220	1.90	5.2	0.087
14 12 78	1055			.3						0.140
MAXIMUM						176	270	1.90	6.8	2.100
AVG OR GEOM MN (*)						151	233	1.38	5.4	0.424
MINIMUM						127	195	0.90	3.8	0.036
NO OF SAMPLES						6	6	6	6	18

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: DOWNSTREAM FROM VILLAGE OF MALONE
STATION TYPE: RIVER

STATION ID: 17-0026-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO: 19 LAT: LONG: U T M: 18 0293000.0 4936700.0 4 REGION: 04 MILEAGE: 62.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1120			.3		25302	4								
15 02 78	1145			.3		25317	6								
03 04 78	1200			.3		25334	6								
05 04 78	1040			.3		25346	6								
09 05 78	1200			.3		27165	6	300.	28.	32.			0.4	0.014	0.001
18 05 78	1100			.3		25383									
12 06 78	1200			.3		25403									
04 07 78	1115			.3		25463									
05 07 78	1230			.3		27193	5				25.0	8.0	1.0	0.016	0.001L
02 08 78	1230			.3		27207	6	1200.	428.	16.	24.0	10.0	1.0	0.024	0.001
21 08 78	1045			.3		25486	6	1200.	428.	16.	24.0	10.0	1.0	0.024	0.001
06 09 78	1130			.3		27221	7				22.0	9.0	0.2	0.022	0.003
25 09 78	1035			.3		25510	7				22.0	9.0	0.2	0.022	0.003
03 10 78	1225			.3		27235		100.	4.	4. L	12.5	8.0			
24 10 78	1055			.3		25539		100.	4.	4. L	12.5	8.0			
29 11 78	1035			.3		25559	6								
05 12 78	1305			.3		27263	6	150.	24.	44.	2.0	11.0	0.6	0.011	0.002
14 12 78	1105			.3		25582	6	150.	24.	44.	2.0	11.0	0.6	0.011	0.002
MAXIMUM								1200.	428.	44.	25.0	11.0	1.0	0.024	0.003
AVG OR GEOM MN (*)								267.*	33.*	16.* D	16.2	9.3	0.6	0.018	0.002D
MINIMUM								100.	4.	4.	2.0	8.0	0.2	0.011	0.001
NO OF SAMPLES								7	7	7	9	9	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
09 05 78	1200			.3		0.008	0.480	0.004	0.210	0.222	0.472	0.694	132.0	2.2	130
05 07 78	1230			.3		0.024	0.570	0.005	0.145	0.174	0.546	0.720	183.0	1.0	182
02 08 78	1230			.3		0.008	0.480	0.002	0.018	0.028	0.472	0.500	216.0	1.1	215
21 08 78	1045			.3		0.008	0.480	0.002	0.018	0.028	0.472	0.500	216.0	1.1	215
06 09 78	1130			.3		0.026	0.530	0.002	0.005	0.033	0.504	0.537	219.0	1.3	218
25 09 78	1035			.3		0.026	0.530	0.002	0.005	0.033	0.504	0.537	219.0	1.3	218
05 12 78	1305			.3		0.010	0.590	0.003	0.162	0.175	0.580	0.755	147.0	1.0	146
14 12 78	1105			.3		0.010	0.590	0.003	0.162	0.175	0.580	0.755	147.0	1.0	146
MAXIMUM						0.026	0.590	0.005	0.210	0.222	0.580	0.755	219.0	2.2	218
AVG OR GEOM MN (*)						0.015	0.531	0.003	0.091	0.109	0.516	0.625	184.9	1.3	184
MINIMUM						0.008	0.480	0.002	0.005	0.028	0.472	0.500	132.0	1.0	130
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
17 01 78	1120			.3					0.001
15 02 78	1145			.3					0.001L
03 04 78	1200			.3					0.001
05 04 78	1040			.3					0.001
09 05 78	1200			.3		200	0.80	4.1	0.001L
18 05 78	1100			.3					0.001
12 06 78	1200			.3					0.001
04 07 78	1115			.3					0.002
05 07 78	1230			.3		280	1.10	5.6	0.002
02 08 78	1230			.3		320	1.00	8.7	0.002
21 08 78	1045			.3		320	1.00	8.7	0.003
06 09 78	1130			.3		335	0.60	10.0	0.027
25 09 78	1035			.3		335	0.60	10.0	0.001L
03 10 78	1225			.3					0.003
24 10 78	1055			.3					0.001
29 11 78	1035			.3					0.001
05 12 78	1305			.3		225	1.50	5.2	0.001
14 12 78	1105			.3		225	1.50	5.2	0.001

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L
MAXIMUM					335	1.50	10.0	0.027
AVG OR GEOM MN (*)					280	1.01	7.2	0.0030
MINIMUM					200	0.60	4.1	0.001
NO OF SAMPLES					8	8	8	18

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: AT OLD HIGHWAY 2, SHANNONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HM003

STATION ID: 17-0031-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STORET CODE: 02
004
1000

STN NO: 1 LAT: LONG: U T M: 18 0321810.0 4895875.0 4 REGION: 04 MILEAGE: 1.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 01 78 1200			.3		21785	6	939.00	490.	10.	30.			0.2	0.021
06 02 78 1200			.3		21786		731.00	180.	10. L	10.			0.6	
28 02 78 1000			.3		21789	3 0	250.00	4.	2. L	4.	2.0	9.0	0.2	0.018
03 04 78 0930			.3		21792	3 0	2240.00	136.	8.	20.	2.0	13.0		
12 04 78 1250			.3		25370	3	2080.00	4.	4.	12.	3.9	12.5	0.6	0.018
16 05 78 1210			.3		25375		639.00				14.0	9.5	0.6	0.068
06 06 78 1000			.3		21990	6	116.00						0.6	0.026
27 06 78 1120			.3		25455		44.80	400.	144.	56.	23.2	7.7	0.5	0.029
13 07 78 1130			.3		25479		10.30	30.	8.	4.	24.0	8.4		
02 08 78 1115			.3		21780	0 6	4.40				24.5	8.0	0.4	0.024
29 08 78 1140			.3		25497		7.50	15000. G	600. G	600. G			0.6	0.038
12 09 78 1200			.3		21783	6	8.00	20000E+1	15000.	300. G			0.4	0.042
27 09 78 1225			.3		25523	6	7.00	6100.	70.	1000.			0.2	0.046
31 10 78 1000			.3		21993	6	7.20						0.2	0.013
1300			.3		25551		7.20	10.	4.	16.	9.3	11.2	0.4	0.013
05 12 78 1200			.3		21790	6	322.00	510.	104.	268.			1.2	0.021
MAXIMUM							2240.00	20000E+1	15000.	1000.	24.5	13.0	1.2	0.068
AVG OR GEOM MN (*)							463.34	278.* U	33.* E	44.* U	12.9	9.9	0.5	0.029
MINIMUM							4.40	4.	2.	4.	2.0	7.7	0.2	0.013
NO OF SAMPLES							16	12	12	12	8	8	14	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 01 78 1200			.3		0.005	0.034	0.390	0.004	0.326	0.364	0.356	0.720	192.0	7.2
06 02 78 1200			.3										158.0	1.2
28 02 78 1000			.3		0.002	0.038	0.540	0.010	0.220	0.268	0.502	0.770	151.0	0.9
12 04 78 1250			.3		0.003	0.016	0.350	0.004	0.310	0.330	0.334	0.664	147.0	4.2
16 05 78 1210			.3		0.003	0.024	0.450	0.004	0.100	0.128	0.426	0.554	144.0	4.2
06 06 78 1000			.3		0.005	0.032	0.550	0.002	0.015	0.049	0.518	0.567	139.0	2.9
27 06 78 1120			.3		0.013	0.046	0.450	0.028	0.010	0.084	0.404	0.488	154.0	5.2
02 08 78 1115			.3		0.002	0.006	0.500	0.002	0.005L	0.013	0.494	0.507	179.0	3.3
29 08 78 1140			.3		0.019	0.074	0.560	0.002	0.005L	0.081	0.486	0.567	188.0	3.0
12 09 78 1200			.3		0.002	0.028	0.600	0.002	0.010	0.040	0.572	0.612	195.0	2.9
27 09 78 1225			.3		0.028	0.050	0.460	0.004	0.005L	0.059	0.410	0.469	187.0	2.3
31 10 78 1000			.3		0.003	0.011	0.330	0.002	0.025	0.038	0.319	0.357	216.0	1.7
1300			.3		0.001	0.011	0.360	0.002	0.025	0.038	0.349	0.387	220.0	2.0
05 12 78 1200			.3		0.007	0.012	0.500	0.006	0.279	0.297	0.488	0.785	183.0	4.0
MAXIMUM					0.028	0.074	0.600	0.028	0.326	0.364	0.572	0.785	220.0	7.2
AVG OR GEOM MN (*)					0.007	0.029	0.465	0.006	0.1030	0.138	0.435	0.573	175.2	3.2
MINIMUM					0.001	0.006	0.330	0.002	0.005	0.013	0.319	0.357	139.0	0.9
NO OF SAMPLES					13	13	13	13	13	13	13	13	14	14

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
10 01 78 1200			.3		185	285	3.30	5.4	15.5	2.20			7.48	0.370
06 02 78 1200			.3		157	242	2.60						7.37	
28 02 78 1000			.3		150	231	1.70	4.3	15.0	2.45			7.75	0.530
12 04 78 1250			.3		143	220	2.50	3.2	10.5	1.70			7.90	0.230
16 05 78 1210			.3		140	215	1.80	3.5	9.5	1.30			7.98	0.150
06 06 78 1000			.3		136	210	2.40	4.1						
27 06 78 1120			.3		149	230	2.40	5.0	9.5	1.45			7.79	0.230
02 08 78 1115			.3		176	265	2.50	9.4						
29 08 78 1140			.3		185	285	1.40	11.5						
12 09 78 1200			.3		192	295	1.40	13.5	13.5	1.45	1.8	124	8.07	0.180
27 09 78 1225			.3		185	285	1.60	12.5	15.0	1.20			8.15	0.130
31 10 78 1000			.3		214	330	1.90	17.5						
1300			.3		218	335	1.90	17.5	21.0	0.65			7.91	0.110
05 12 78 1200			.3		179	275	5.50	5.7						
MAXIMUM					218	335	5.50	17.5	21.0	2.45	1.8	124	8.15	0.530
AVG OR GEOM MN (*)					172	265	2.35	8.7	13.7	1.55	1.8	124	7.82	0.241
MINIMUM					136	210	1.40	3.2	9.5	0.65	1.8	124	7.37	0.110
NO OF SAMPLES					14	14	14	13	8	8	1	1	9	8

(C O N T D)

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: AT OLD HIGHWAY 2, SHANNONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HM003

STATION ID: 17-0031-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STORET CODE: 02
004
1000

STN NO: 1 LAT: LONG: U T M: 18 0321810.0 4895875.0 4 REGION: 04 MILEAGE: 1.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L
10 01 78	1200			.3		1.0L							8.0	48	
06 02 78	1200			.3		1.0							13.0	60	
28 02 78	1000			.3		1.0L								54	
03 04 78	0930			.3										54	
12 04 78	1250			.3		1.0L							5.3	18	1
16 05 78	1210			.3		1.0							7.0	25	1
06 06 78	1000			.3									7.0	25	1
27 06 78	1120			.3									6.8	29	
13 07 78	1130			.3									6.8	29	
02 08 78	1115			.3		1.0L							6.8	29	
29 08 78	1140			.3									6.8	29	
12 09 78	1200			.3		1.0L	134.0	42.00	7.00	16	1.55	7.00		23	
27 09 78	1225			.3		1.0L							5.2	20	
31 10 78	1000			.3									5.2	20	
	1300			.3		1.0							4.8	25	1
05 12 78	1200			.3		1.0L							4.8	25	1
MAXIMUM						1.0	134.0	42.00	7.00	16	1.55	7.00	13.0	60	1
AVG OR GEOM MN (*)						1.0D	134.0	42.00	7.00	16	1.55	7.00	6.7	32	1
MINIMUM						1.0	134.0	42.00	7.00	16	1.55	7.00	4.8	18	1
NO OF SAMPLES						10	1	1	1	1	1	1	13	16	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
12 04 78	1250			.3		0.001		0.020L	0.010L	0.030L	0.005L	0.010L		0.020L
16 05 78	1210			.3		0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L		0.020L
06 06 78	1000			.3		0.001L	0.030L	0.020L	0.010L	0.030L	0.005L	0.010L		0.020L
12 09 78	1200			.3									0.048	
31 10 78	1300			.3		0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L		0.020L
05 12 78	1200			.3		0.001	0.020L	0.020L	0.010L	0.030L	0.005L	0.010L		0.020L
MAXIMUM						0.001	0.030	0.020	0.010	0.030	0.005	0.010	0.048	0.020
AVG OR GEOM MN (*)						0.001D	0.025D	0.020D	0.010D	0.030D	0.005D	0.010D	0.048	0.020D
MINIMUM						0.001	0.020	0.020	0.010	0.030	0.005	0.010	0.048	0.020
NO OF SAMPLES						5	4	5	5	5	5	5	1	5

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DOWNSTREAM FROM NAPANEE
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO: 1 LAT: LONG: U T M: 18 0342300.0 4897625.0 4 REGION: 04 MILEAGE: 3.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1200			.3		21784	6	5200.	408.	144.			1.0	0.215	0.073
06 02 78	1200			.3		21788		1300.	20.	132.			1.4		
28 02 78	1030			.3		21791	4 0	440.	4.	32.	2.0	8.0	1.8	0.029	0.071
03 04 78	1020			.3		21794	4 0	730.	36.	54.	1.0	13.0			
12 04 78	1215			.3		25369	3	52.	12.	20.	4.1	12.2	0.8	0.021	0.013
16 05 78	1250			.3		25376					15.5	9.3	0.6	0.066	0.062
06 06 78	1100			.3		21992	6						1.4	0.036	0.004
27 06 78	1200			.3		25456		2000.	92.	100.	24.5	8.6	2.0	0.155	0.061
13 07 78	1210			.3		25480		15000. G	76.	280.	25.0	9.7			
02 08 78	1245			.3		21799	0 5				25.5	5.0	3.2	0.260	0.160
29 08 78	1210			.3		25498		5500.	472.	576.			0.5	0.032	0.015
12 09 78	1200			.3		21781	6	7800.	270.	48.			1.4	0.306	0.140
27 09 78	1210			.3		25524	6	330.	28.	24.			0.2	0.036	0.013
31 10 78	1100			.3		21995	6						1.8	0.168	0.065
	1340			.3		25552		1360.	68.	32.	10.0	11.8	1.6	0.030	0.002
05 12 78	1200			.3		21792	6	19000.	560.	292.			3.2	0.074	0.023
MAXIMUM								19000.	560.	576.	25.5	13.0	3.2	0.306	0.160
AVG OR GEOM MN (*)								1810.* U	70.*	83.*	13.5	9.7	1.5	0.110	0.054
MINIMUM								52.	4.	20.	1.0	5.0	0.2	0.021	0.002
NO OF SAMPLES								12	12	12	8	8	14	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78	1200			.3		0.062	0.680	0.006	0.774	0.842	0.618	1.460	209.0	3.3	206
06 02 78	1200			.3									160.0	2.1	158
28 02 78	1030			.3		0.064	0.750	0.009	0.166	0.239	0.686	0.925	179.0	3.3	176
12 04 78	1215			.3		0.040	0.440	0.006	0.305	0.351	0.400	0.751	138.0	7.6	130
16 05 78	1250			.3		0.030	0.590	0.006	0.135	0.171	0.560	0.731	173.0	3.7	169
06 06 78	1100			.3		0.068	0.850	0.007	0.065	0.140	0.782	0.922	189.0	23.0	166
27 06 78	1200			.3		0.430	1.210	0.003	0.005L	0.438	0.780	1.218	151.0	7.6	143
02 08 78	1245			.3		0.108	1.200	0.023	0.047	0.178	1.092	1.270	161.0	15.0	146
29 08 78	1210			.3		0.084	0.510	0.009	0.055	0.148	0.426	0.574	116.0	2.0	114
12 09 78	1200			.3		0.222	1.320	0.014	0.100	0.336	1.098	1.434	152.0	22.0	130
27 09 78	1210			.3		0.034	0.490	0.006	0.060	0.100	0.456	0.556	126.0	2.1	124
31 10 78	1100			.3		0.168	1.100	0.012	0.140	0.320	0.932	1.252	149.0	16.0	133
	1340			.3		0.004	0.580	0.016	0.125	0.145	0.576	0.721	140.0	3.0	137
05 12 78	1200			.3		0.082	0.900	0.011	0.464	0.557	0.818	1.375	239.0	8.0	231
MAXIMUM						0.430	1.320	0.023	0.774	0.842	1.098	1.460	239.0	23.0	231
AVG OR GEOM MN (*)						0.107	0.817	0.010	0.1880	0.305	0.710	1.015	163.0	8.5	155
MINIMUM						0.004	0.440	0.003	0.005	0.100	0.400	0.556	116.0	2.0	114
NO OF SAMPLES						13	13	13	13	13	13	13	14	14	14

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
10 01 78	1200			.3		317	5.20	9.9	21.5	2.65			7.41	0.580	1.0
06 02 78	1200			.3		243	3.70						7.06		1.5
28 02 78	1030			.3		270	2.20	6.7	19.0	3.00			7.56	0.350	2.0
12 04 78	1215			.3		200	3.40	3.5	12.0	1.85			7.68	0.340	1.0L
16 05 78	1250			.3		260	2.10	7.0	12.5	1.00			8.11	0.220	2.0
06 06 78	1100			.3		255	1.70	6.2							
27 06 78	1200			.3		220	2.10	6.8	14.0	1.25			7.41	0.090	
02 08 78	1245			.3		220	5.80	9.0							1.0L
29 08 78	1210			.3		175	1.40	5.5							
12 09 78	1200			.3		200	6.10	8.1	16.5	0.50	1.4	73	7.68	0.760	1.0L
27 09 78	1210			.3		190	1.40	7.2	18.5	0.80			7.82	0.180	1.0L
31 10 78	1100			.3		205	6.90	8.7							
	1340			.3		210	3.20	7.9	22.5	1.60			7.53	0.320	1.0
05 12 78	1200			.3		355	7.80	22.0							2.0
MAXIMUM						355	7.80	22.0	22.5	3.00	1.4	73	8.11	0.760	2.0
AVG OR GEOM MN (*)						237	3.79	8.3	17.1	1.58	1.4	73	7.58	0.355	1.40
MINIMUM						175	1.40	3.5	12.0	0.50	1.4	73	7.06	0.090	1.0
NO OF SAMPLES						14	14	13	8	8	1	1	9	8	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L
10 01 78	1200			.3								11.0	51		
06 02 78	1200			.3								15.0	68		
28 02 78	1030			.3									67		
03 04 78	1020			.3									67		
12 04 78	1215			.3								5.7	12	0	0.001
16 05 78	1250			.3								9.0	20	1	0.001
06 06 78	1100			.3								9.0	20	1	0.001
27 06 78	1200			.3								10.0	39		
13 07 78	1210			.3								10.0	39		
02 08 78	1245			.3								10.0	39		
29 08 78	1210			.3								10.0	39		
12 09 78	1200			.3		81.0	25.00	4.50	34	1.60	6.90		32		
27 09 78	1210			.3								7.0	20		
31 10 78	1100			.3								7.0	20		
	1340			.3								10.2	46	0	0.001
05 12 78	1200			.3								10.2	46	0	0.001
MAXIMUM						81.0	25.00	4.50	34	1.60	6.90	15.0	68	1	0.001
AVG OR GEOM MN (*)						81.0	25.00	4.50	34	1.60	6.90	9.5	39	0	0.001
MINIMUM						81.0	25.00	4.50	34	1.60	6.90	5.7	12	0	0.001
NO OF SAMPLES						1	1	1	1	1	1	13	16	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
12 04 78	1215			.3			0.020L	0.020	0.030L	0.005L	0.010L		0.020L
16 05 78	1250			.3		0.030L	0.020L	0.010L	0.030L	0.005L	0.030		0.020L
06 06 78	1100			.3		0.030L	0.020L	0.010L	0.030L	0.005L	0.030		0.020L
12 09 78	1200			.3								0.060	
31 10 78	1340			.3		0.020L	0.020L	0.010	0.030L	0.005L	0.040		0.020L
05 12 78	1200			.3		0.020L	0.020L	0.010	0.030L	0.005L	0.040		0.020L
MAXIMUM						0.030	0.020	0.020	0.030	0.005	0.040	0.060	0.020
AVG OR GEOM MN (*)						0.025D	0.020D	0.012D	0.030D	0.005D	0.030D	0.060	0.020D
MINIMUM						0.020	0.020	0.010	0.030	0.005	0.010	0.060	0.020
NO OF SAMPLES						4	5	5	5	5	5	1	5

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401
STATION TYPE: RIVER FLOW GAUGE FED 02HM001

STATION ID: 17-0035-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO: 2 LAT: LONG: U T M: 18 0346110.0 4904300.0 4 REGION: 04 MILEAGE: 9.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1200			.3		21999	6	700.	40.	108.			1.0	0.029	0.009
06 02 78	1200			.3		21787		290.	10. L	28.			1.0		
28 02 78	1045			.3		21790	3 0	860.	20.	22.	0.5	9.0	1.2	0.065	0.031
03 04 78	1055			.3		21793	3 0	170.	12.	24.	0.0	7.0			
06 06 78	1030			.3		21991	6						3.0	0.182	0.075
02 08 78	1315			.3		21798	0 6				24.5	5.0	0.8	0.031	0.011
12 09 78	1200			.3		21782	6	3000.	392.	182.			0.2	0.032	0.004
31 10 78	1030			.3		21994	6						2.4	0.021	0.004
05 12 78	1200			.3		21791	6	3300.	172.	376.			1.8	0.048	0.019
MAXIMUM								3300.	392.	376.	24.5	9.0	3.0	0.182	0.075
AVG OR GEOM MN (*)								815.*	43.* D	69.*	8.3	7.0	1.4	0.058	0.022
MINIMUM								170.	10.	22.	0.0	5.0	0.2	0.021	0.004
NO OF SAMPLES								6	6	6	3	3	8	7	7

(C O N T D)

```
SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                 DATE OF REPORT  25 OCT 79  PAGE   620
                                                                                         STATION ID:  17-0035-002-02
 B.O.W./ SITE: NAPANEE RIVER
 SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401                                          STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02HM001           MAJOR BASIN: GREAT LAKES                          004
                                                         MINOR BASIN: LAKE ONTARIO                         0870
                                                         TERM STREAM: NAPANEE RIVER

STN NO:      2     LAT:              LONG:              U T M: 18 0346110.0 4904300.0 4    REGION: 04          MILEAGE:     9.20

                                        19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL     NO2-N     NO3-N         N   ORGNC N               SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 78 1200              .3        0.034     0.500     0.005     0.525     0.564     0.466     1.030     204.0       2.9       201
06 02 78 1200              .3                                                                            154.0       1.7       152
28 02 78 1045              .3        0.040     0.740     0.006     0.109     0.155     0.700     0.855     172.0       2.3       170
06 06 78 1030              .3        0.140     1.340     0.034     0.060     0.234     1.200     1.434     183.0       1.2       182
02 08 78 1315              .3        0.040     0.510     0.002    0.005L     0.047     0.470     0.517     103.0       1.6       101
12 09 78 1200              .3        0.018     0.530     0.005     0.070     0.093     0.512     0.605     103.0       2.0       101
31 10 78 1030              .3        0.002     0.610     0.031     0.050     0.083     0.608     0.691     133.0       2.7       130
05 12 78 1200              .3        0.006     0.710     0.008     0.537     0.551     0.704     1.255     199.0       4.0       195

                     MAXIMUM         0.140     1.340     0.034     0.537     0.564     1.200     1.434     204.0       4.0       201
         AVG OR GEOM MN (*)          0.040     0.706     0.013    0.194D     0.247     0.666     0.912     156.4       2.3       154
                     MINIMUM         0.002     0.500     0.002     0.005     0.047     0.466     0.517     103.0       1.2       101

                NO OF SAMPLES            7         7         7         7         7         7         7         8         8         8

                                        14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS        UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L      UG/L

10 01 78 1200              .3          309      2.70       5.6      20.5      2.55                          7.37     0.470      1.0L
06 02 78 1200              .3          234      2.10                                                        7.15                 1.0
28 02 78 1045              .3          262      2.10       5.3                                                                  1.0L
06 06 78 1030              .3          280      5.00       9.3
02 08 78 1315              .3          150      1.70       3.7                                                                  1.0L
12 09 78 1200              .3          155      2.00       3.8      15.0      0.70       2.6        57      7.65     0.240      1.0L
31 10 78 1030              .3          200      3.10       5.6
05 12 78 1200              .3          300      3.40       6.1                                                                  1.0L

                     MAXIMUM           309      5.00       9.3      20.5      2.55       2.6        57      7.65     0.470       1.0
         AVG OR GEOM MN (*)            236      2.76       5.6      17.8      1.63       2.6        57      7.39     0.355      1.0D
                     MINIMUM           150      1.70       3.7      15.0      0.70       2.6        57      7.15     0.240       1.0

                NO OF SAMPLES            8         8         7         2         2         1         1         3         2         6

                                        76        72        74        68        67        66        47        41       201
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM   ORGANIC       COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH     HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA    C AS C                  MN
               FEET      MTRS         MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 78 1200              .3                                                                     11.0        40
06 C2 78 1200              .3                                                                     15.0        68
28 02 78 1045              .3                                                                     15.0        68
03 04 78 1055              .3                                                                     15.0        68
06 06 78 1030              .3                                                                     15.0        68
02 08 78 1315              .3                                                                     15.0        68
12 09 78 1200              .3         67.0     20.40    385.00        32      1.10      3.50                  23     0.059
31 10 78 1030              .3                                                       3.50                  23     0.059




05 12 78 1200              .3                                                       3.50                  23     0.059

                     MAXIMUM          67.0     20.40    385.00        32      1.10      3.50      15.0        68     0.059
         AVG OR GEOM MN (*)           67.0     20.40    385.00        32      1.10      3.50      14.3        50     0.059
                     MINIMUM          67.0     20.40    385.00        32      1.10      3.50      11.0        23     0.059

                NO OF SAMPLES            1         1         1         1         1         3         6         9         3


                                                                                         STATION ID:  17-0037-001-02
 B.O.W./ SITE: WILTON CREEK
 SAMPLE POINT: AT COUNTY ROAD NO 8.1 MILE WEST OF CHAMBERS                                    STORET CODE: 02
 STATION TYPE: RIVER    FLOW GAUGE FED 02HM004           MAJOR BASIN: GREAT LAKES                          004
                                                         MINOR BASIN: LAKE ONTARIO                         0690
                                                         TERM STREAM: WILTON CREEK

STN NO:      1     LAT:              LONG:              U T M: 18 0348500.0 4896500.0 4    REGION: 04          MILEAGE:     2.00

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

09 01 78 1015              .3        28504                110.00  15000. G      440.    600. G       28.       0.0      13.0
06 02 78 1000              .3        28521                 38.80       70.       24.      372.                 0.0      13.0      0.5L
13 03 78 1000              .3        28537                 10.70  25000. G    600. G      228.                 0.0      11.0       2.0
04 04 78 0925              .3        28554                441.00      210.       40.      488.                 0.0      14.0       1.0
12 04 78 1145              .3        25368         3      374.00      100.       88.      144.                 6.6      10.8       0.8
01 05 78 0955              .3        28571                 31.40      110.       40.       32.                 5.0       6.0       1.0
16 05 78 1310              .3        25377                 48.70                                              15.4      10.6       0.8
05 06 78 1000              .3        28588                  5.40                                              12.0      11.0       1.0
27 06 78 1220              .3        25457                  3.70      600.      640.       80.                25.5       7.6       0.5
04 07 78 1040              .3        28605                  1.90    15000.       80.      300.                23.0       9.0       1.5
13 07 78 1220              .3        25481                  1.20      250.      108.      128.                23.0       8.0
01 08 78 0945              .3        28622                  1.00      370.      220.      148.                20.0       7.0       0.5
29 08 78 1225              .3        25499                  1.60      800.       92.      120.                                    0.8
05 09 78 1000              .3        28639                  0.49      400.      140.       76.                19.0       7.0       0.8
27 09 78 1300              .3        25525         6        2.00      390.      128.       16.                                    0.2
02 10 78 0915              .3        28656                  2.60      800.      332.      184.                12.0       8.0       0.8
31 10 78 1400              .3        25553                  9.80      180.      132.      176.                10.2      12.2       0.4
07 11 78 0945              .3        28673                  6.00      100.      148.      124.                11.0       7.0       0.9
04 12 78 0940              .3        28690                 38.80     4100.      840.    600. G                 1.0      11.0

                     MAXIMUM                              441.00    25000.      840.      600.       28.      25.5      14.0       2.0
         AVG OR GEOM MN (*)                                59.43   628.* U   150.* U   156.* U      28.*      10.8       9.8      0.8D
                     MINIMUM                                0.49       70.       24.       16.       28.       0.0       6.0       0.2

                NO OF SAMPLES                                 19        17        17        17         1        17        17        16

                                                                                                                      ( C O N T D )
```

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L
06 02 78 1000			.3											340.0
13 03 78 1000			.3											410.0
04 04 78 0925			.3											230.0
12 04 78 1145			.3		0.092	0.022	0.050	0.640	0.013	0.670	0.733	0.590	1.323	215.0
01 05 78 0955			.3											280.0
16 05 78 1310			.3		0.057	0.029	0.052	0.620	0.005	0.015	0.072	0.568	0.640	302.0
05 06 78 1000			.3											310.0
27 06 78 1220			.3		0.059	0.006	0.056	0.660	0.002	0.005L	0.063	0.604	0.667	351.0
04 07 78 1040			.3											385.0
01 08 78 0945			.3											510.0
29 08 78 1225			.3		0.051	0.010	0.064	0.780	0.002	0.005	0.071	0.716	0.787	447.0
05 09 78 1000			.3											440.0
27 09 78 1300			.3		0.060	0.016	0.086	0.680	0.002	0.005L	0.093	0.594	0.687	355.0
02 10 78 0915			.3											400.0
31 10 78 1400			.3		0.045	0.012	0.004	0.470	0.002	0.005	0.011	0.466	0.477	366.0
07 11 78 0945			.3											300.
MAXIMUM					0.092	0.029	0.086	0.780	0.013	0.670	0.733	0.716	1.323	510.0
AVG OR GEOM MN (*)					0.061	0.016	0.052	0.642	0.004	0.118D	0.174	0.590	0.764	352.6
MINIMUM					0.045	0.006	0.004	0.470	0.002	0.005	0.011	0.466	0.477	215.0
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
06 02 78 1000			.3		15.0L		338	520	3.90				7.70	
13 03 78 1000			.3		9.0	401	430	660	3.00				7.50	
04 04 78 0925			.3		19.0	211		280	15.00				8.00	
12 04 78 1145			.3		36.0		179	275	22.00	6.5	12.0	1.95	7.94	2.500
01 05 78 0955			.3		5.0L		304	468	2.60				8.30	
16 05 78 1310			.3		8.5	294		460	4.60	20.0	19.0	0.70	8.38	0.310
05 06 78 1000			.3		5.0L		351	510	9.20				8.20	
27 06 78 1220			.3		13.0	338		540	6.10	68.0	18.0	0.65	7.91	0.530
04 07 78 1040			.3		15.0	370	364	560	10.00				8.00	
01 08 78 0945			.3		8.0	502	442	680	4.30				7.70	
29 08 78 1225			.3		6.9	440		698	4.40	125.0				
05 09 78 1000			.3		9.0	431	480	740	2.40				7.70	
27 09 78 1300			.3		7.0	348		540	3.80	60.0	37.5	0.25	8.18	0.210
02 10 78 0915			.3		19.0	281	351	540	9.40				8.10	
31 10 78 1400			.3		5.0	361		570	4.50	44.0	36.5	1.15	8.18	0.260
07 11 78 0945			.3		11.	289	364	560	4.4				8.3	
MAXIMUM					36.0	502	480	740	22.00	125.0	37.5	1.95	8.38	2.500
AVG OR GEOM MN (*)					12.0D	356	360	540	6.85	53.9	24.6	0.94	8.01	0.762
MINIMUM					5.0	211	179	275	2.40	6.5	12.0	0.25	7.50	0.210
NO OF SAMPLES					16	12	10	16	16	6	5	5	15	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	47 ORGANIC C AS C MG/L	41 COD MG/L	361 SOLVENT EXTRBLES MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
06 02 78 1000			.3		1.0L	5.0	20L							
13 03 78 1000			.3		1.0L	5.0	31							
04 04 78 0925			.3		1.0	2.9	20L							
12 04 78 1145			.3		1.0L	3.9	26	0	0.001		0.020L	0.010	0.030L	0.005L
01 05 78 0955			.3		1.0L		20							
16 05 78 1310			.3		1.0	6.4	18	2	0.001L	0.030L	0.020L	0.010L	0.030L	0.005L
05 06 78 1000			.3		1.0L	6.6	28							
27 06 78 1220			.3			6.7	26							
04 07 78 1040			.3		9.0	7.5	30							
13 07 78 1220			.3			7.5	30							
01 08 78 0945			.3		1.0L	7.3	40							
29 08 78 1225			.3			7.3	40							
05 09 78 1000			.3		1.0L	5.8	83							
27 09 78 1300			.3		1.0L	6.2	25							
02 10 78 0915			.3		1.0L	6.2	26							
31 10 78 1400			.3		1.0	5.8	35	0	0.001	0.020L	0.020L	0.020	0.030L	0.005L
07 11 78 0945			.3		1. L	5.4								
04 12 78 0940			.3		1.0	5.4								
MAXIMUM					9.0	7.5	83	2	0.001	0.030	0.020	0.020	0.030	0.005
AVG OR GEOM MN (*)					1.5D	5.9	31D	1	0.001D	0.025D	0.020D	0.013D	0.030D	0.005D
MINIMUM					1.0	2.9	18	0	0.001	0.020	0.020	0.010	0.030	0.005
NO OF SAMPLES					15	17	16	3	3	2	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L
12 04 78 1145			.3		0.010L	0.020L
16 05 78 1310			.3		0.010	0.020L
31 10 78 1400			.3		0.010L	0.020L
MAXIMUM					0.010	0.020
AVG OR GEOM MN (*)					0.010D	0.020D
MINIMUM					0.010	0.020
NO OF SAMPLES					3	3

```
SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                DATE OF REPORT  25 OCT 79  PAGE   622

 B.O.W./ SITE: OTTAWA RIVER                                                             STATION ID:  18-0000-051-82
 SAMPLE POINT: CHANNEL 1 AND 2 HAWKESBURY
 STATION TYPE: RIVER COMPOSITE                     MAJOR BASIN: GREAT LAKES                    STORET CODE: 02
                                                   MINOR BASIN: OTTAWA RIVER                                006

STN NO:     51     LAT:              LONG:          U T M: 18 0530775.0 5050925.0 4    REGION: 04         MILEAGE:    68.00

                                     934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE  AMMONIA
               FEET        MTRS            MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L   P MG/L      MG/L

04 12 78 1530                .3     25569      790.      108.       68.       1.3      11.0       3.6     0.032     0.004     0.180

                        MAXIMUM                790.      108.       68.       1.3      11.0       3.6     0.032     0.004     0.180
          AVG OR GEOM MN (*)                   790.*     108.*      68.*      1.3      11.0       3.6     0.032     0.004     0.180
                        MINIMUM                790.      108.       68.       1.3      11.0       3.6     0.032     0.004     0.180

                NO OF SAMPLES                     1         1         1         1         1         1         1         1         1

                                      20        21        22        17        18        23         5         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL       COND.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS      25C
               FEET        MTRS       MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

04 12 78 1530                .3      0.600     0.005     0.330     0.515     0.420     0.935       59.        4.        55        84

                        MAXIMUM      0.600     0.005     0.330     0.515     0.420     0.935       59.        4.        55        84
          AVG OR GEOM MN (*)         0.600     0.005     0.330     0.515     0.420     0.935       59.        4.        55        84
                        MINIMUM      0.600     0.005     0.330     0.515     0.420     0.935       59.        4.        55        84

                NO OF SAMPLES           1         1         1         1         1         1         1         1         1         1

                                      16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L
               FEET        MTRS      UNITS

04 12 78 1530                .3        4.5       4.0

                        MAXIMUM        4.5       4.0
          AVG OR GEOM MN (*)           4.5       4.0
                        MINIMUM        4.5       4.0

                NO OF SAMPLES           1         1




                                                                                        STATION ID:  18-0000-078-83
 B.O.W./ SITE: OTTAWA RIVER
 SAMPLE POINT: PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL                                       STORET CODE: 02
 STATION TYPE: RIVER COMPOSITE                     MAJOR BASIN: GREAT LAKES                              006
                                                   MINOR BASIN: OTTAWA RIVER

STN NO:     78     LAT:              LONG:          U T M: 18 0531225.0 5051500.0 4    REGION: 04         MILEAGE:    68.00

                                     934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE  AMMONIA
               FEET        MTRS            MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L   P MG/L      MG/L

04 12 78 1500                .3     25568      980.      148.       92.       2.2      11.0       0.6     0.022     0.004     0.019

                        MAXIMUM                980.      148.       92.       2.2      11.0       0.6     0.022     0.004     0.019
          AVG OR GEOM MN (*)                   980.*     148.*      92.*      2.2      11.0       0.6     0.022     0.004     0.019
                        MINIMUM                980.      148.       92.       2.2      11.0       0.6     0.022     0.004     0.019

                NO OF SAMPLES                     1         1         1         1         1         1         1         1         1

                                      20        21        22        17        18        23         5         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL       COND.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS      25C
               FEET        MTRS       MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

04 12 78 1500                .3      0.370     0.004     0.311     0.334     0.351     0.685       55.        3.        52        80

                        MAXIMUM      0.370     0.004     0.311     0.334     0.351     0.685       55.        3.        52        80
          AVG OR GEOM MN (*)         0.370     0.004     0.311     0.334     0.351     0.685       55.        3.        52        80
                        MINIMUM      0.370     0.004     0.311     0.334     0.351     0.685       55.        3.        52        80

                NO OF SAMPLES           1         1         1         1         1         1         1         1         1         1

                                      16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L
               FEET        MTRS      UNITS

04 12 78 1500                .3        4.5       3.6

                        MAXIMUM        4.5       3.6
          AVG OR GEOM MN (*)           4.5       3.6
                        MINIMUM        4.5       3.6

                NO OF SAMPLES           1         1
 B.O.W./ SITE: OTTAWA RIVER                                                               STATION ID:  18-0000-150-02
 SAMPLE POINT: BRITANNIA WATERWORKS
 STATION TYPE: RIVER   FLOW GAUGE FED 02KF005             MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                          MINOR BASIN: OTTAWA RIVER                                 006

STN NO:   150    LAT:               LONG:                 U T M: 18 0437900.0 5024650.0 4    REGION: 04        MILEAGE:  133.80

SAMP DTE HOUR  STN  STN SAMP  PJ         934        80        81        84         1        33        34        19        20        21
DY MO YR LMT   DIST BRG DEPTH         SAMPLE     TOTAL     FECAL      M.F.     5-DAY     TOTAL  FILTERED  FILTERED     TOTAL  FILTERED
               FEET      MTRS             NO  COLIFORM  COLIFORM    ENTER.       BOD         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N
                                                MF/100ML  MF/100ML  MF/100ML      MG/L      MG/L    P MG/L      MG/L      MG/L      MG/L

05 12 78 1405              .3          25574      104.     4.  L     4.  L       0.2     0.011     0.004     0.014     0.300     0.003

                       MAXIMUM                    104.        4.        4.       0.2     0.011     0.004     0.014     0.300     0.003
            AVG OR GEOM MN (*)                   104.*     4.* D     4.* D       0.2     0.011     0.004     0.014     0.300     0.003
                       MINIMUM                    104.        4.        4.       0.2     0.011     0.004     0.014     0.300     0.003

                 NO OF SAMPLES                       1         1         1         1         1         1         1         1         1

SAMP DTE HOUR  STN  STN SAMP  PJ          22        17        18        23         5         6       107        14        16        56
DY MO YR LMT   DIST BRG DEPTH       FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL     COND.     TURB.  CHLORIDE
               FEET      MTRS          NO3-N         N   ORGNC N              SOLIDS    SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
                                        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS     UNITS

05 12 78 1405              .3          0.402     0.419     0.286     0.705      51.0       0.6        50        77      2.20       2.4

                       MAXIMUM         0.402     0.419     0.286     0.705      51.0       0.6        50        77      2.20       2.4
            AVG OR GEOM MN (*)         0.402     0.419     0.286     0.705      51.0       0.6        50        77      2.20       2.4
                       MINIMUM         0.402     0.419     0.286     0.705      51.0       0.6        50        77      2.20       2.4

                 NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

SAMP DTE HOUR  STN  STN SAMP  PJ          59       280        95        52        55       208        25        76        72        74
DY MO YR LMT   DIST BRG DEPTH       SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS    CALCUL     TOTAL  TOT. MAG
               FEET      MTRS                 SILICATE    PH 8.3    AT LAB    AT LAB      IRON            HARDNESS   CALCIUM    NESIUM
                                        MG/L   SI MG/L      MG/L      MG/L                MG/L      UG/L      MG/L      MG/L      MG/L

05 12 78 1405              .3           14.0      2.05       2.1        19      7.06     0.240      1.0L      29.0      8.40      2.05

                       MAXIMUM          14.0      2.05       2.1        19      7.06     0.240       1.0      29.0      8.40      2.05
            AVG OR GEOM MN (*)          14.0      2.05       2.1        19      7.06     0.240      1.00      29.0      8.40      2.05
                       MINIMUM          14.0      2.05       2.1        19      7.06     0.240       1.0      29.0      8.40      2.05

                 NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

SAMP DTE HOUR  STN  STN SAMP  PJ          68        67        66        41       265       203       221       225       229       215
DY MO YR LMT   DIST BRG DEPTH         COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
               FEET      MTRS          HAZEN         K        NA             ARSENIC  ALUMINUM  CHROMIUM    COPPER      LEAD   CADMIUM
                                       UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

05 12 78 1405              .3             48      0.80      2.50        37     0.001     0.140    0.020L    0.020L    0.030L    0.005L

                       MAXIMUM            48      0.80      2.50        37     0.001     0.140     0.020     0.020     0.030     0.005
            AVG OR GEOM MN (*)            48      0.80      2.50        37     0.001     0.140    0.020D    0.020D    0.030D    0.005D
                       MINIMUM            48      0.80      2.50        37     0.001     0.140     0.020     0.020     0.030     0.005

                 NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1



SAMP DTE HOUR  STN  STN SAMP  PJ         249       201       238       217
DY MO YR LMT   DIST BRG DEPTH          TOTAL     TOTAL     TOTAL     TOTAL
               FEET      MTRS           ZINC        MN    NICKEL    COBALT
                                        MG/L      MG/L      MG/L      MG/L

05 12 78 1405              .3         0.010L     0.018    0.020L    0.020L

                       MAXIMUM         0.010     0.018     0.020     0.020
            AVG OR GEOM MN (*)        0.010D     0.018    0.020D    0.020D
                       MINIMUM         0.010     0.018     0.020     0.020

                 NO OF SAMPLES             1         1         1         1


 B.O.W./ SITE: OTTAWA RIVER                                                               STATION ID:  18-0000-170-02
 SAMPLE POINT: AT CHATS FALLS, FITZROY HARBOUR
 STATION TYPE: RIVER   FLOW GAUGE FED 02KF009             MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                          MINOR BASIN: OTTAWA RIVER                                 006

STN NO:   170    LAT:               LONG:                 U T M: 18 0403150.0 5036250.0 4    REGION: 04        MILEAGE:  163.60

SAMP DTE HOUR  STN  STN SAMP  PJ         934       901       444        80        81        84       805         3         1        33
DY MO YR LMT   DIST BRG DEPTH         SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
               FEET      MTRS             NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
                                                                  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

23 01 78 1105              .3          26410            39900.00     6100.       36.        4.       0.0       9.0      0.5L     0.012
20 02 78 1110              .3          26433            37700.00      206.       24.        8.       0.0      11.0       0.8     0.012
21 03 78 1050              .3          26456            29100.00      324.       88.       16.       0.0                 0.5     0.016
12 04 78 1035              .3          26479         3  38300.00      130.       72.       12.       0.0      10.0       1.0     0.038
17 05 78 1130              .3          26502            71500.00      440.       36.        4.      14.0      11.0       1.0     0.016
12 06 78 1045              .3          26525            35400.00      100.     4.  L     4.  L      20.0       9.0       2.0     0.020
10 07 78 1155              .3          26548            21600.00      280.     4.  L     4.  L      22.0       7.0
14 08 78 1150              .3          26571         9  20700.00    10.  L     4.  L     4.  L      25.0       8.0      0.5L     0.028
12 09 78 1035              .3          26594            15600.00      800.     4.  L       40.      19.0       8.0       0.9     0.024
17 10 78 1050              .3          26617            34600.00       24.     4.  L        4.       7.0       9.0      0.2L     0.016
07 11 78 1145              .3          26640            27500.00      780.       36.        4.       7.0      11.0       0.5     0.016
13 12 78 1230              .3          26663            30200.00     1500.      108.       16.       0.0      14.0

                       MAXIMUM                          71500.00     6100.      108.       40.      25.0      14.0       2.0     0.038
            AVG OR GEOM MN (*)                          33508.33   269.* D    17.* D     7.* D       9.5       9.7      0.8D     0.020
                       MINIMUM                          15600.00       10.        4.        4.       0.0       7.0       0.2     0.012

                 NO OF SAMPLES                                12        12        12        12        12        11        10        10
```

(C O N T D)

```
 B.O.W./ SITE: OTTAWA RIVER                                                                               STATION ID:  18-0000-170-02
 SAMPLE POINT: AT CHATS FALLS. FITZROY HARBOUR
 STATION TYPE: RIVER   FLOW GAUGE FED 02KF009            MAJOR BASIN: GREAT LAKES                                     STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                                 006

STN NO:    170    LAT:                  LONG:                U T M: 18 0403150.0 5036250.0 4    REGION: 04            MILEAGE:  163.60

                                            34         19          20        21         22          17         18        23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED  FILTERED      TOTAL  FILTERED  FILTERED    INRGNC      TOTAL   TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE   AMMONIA   KJELDAHL  NO2-N     NO3-N            N  ORGNC  N               SOLIDS     SOLIDS
               FEET       MTRS      P MG/L      MG/L       MG/L  MG/L      MG/L          MG/L       MG/L      MG/L       MG/L       MG/L

23 01 78 1105               .3       0.006     0.110      0.220     0.008      0.090     0.208      0.110     0.318                   5.0
20 02 78 1110               .3       0.006     0.060      0.220     0.016      0.060     0.136      0.160     0.296      108.0        4.0
21 03 78 1050               .3       0.006     0.100      0.310     0.006      0.170     0.276      0.210     0.486      145.0        5.5
12 04 78 1035               .3       0.010     0.090      0.490     0.010      0.240     0.340      0.400     0.740      130.0        6.0
17 05 78 1130               .3       0.004     0.070      0.370     0.006      0.070     0.146      0.300     0.446       60.0        5.0L
12 06 78 1045               .3       0.008     0.060      0.410     0.004      0.100     0.164      0.350     0.514                   3.0
14 08 78 1150               .3       0.008     0.010      0.520     0.002      0.020L    0.032      0.510     0.542                   5.0L
12 09 78 1035               .3       0.002     0.010      0.290     0.004      0.020L   -0.034      0.280     0.314                   5.0
17 10 78 1050               .3       0.004     0.150      0.260     0.006      0.170     0.326      0.110     0.436                   5.0L
07 11 78 1145               .3       0.004     0.020      0.250     0.002      0.340     0.362      0.230     0.592                   5.0L

                       MAXIMUM       0.010     0.150      0.520     0.016      0.340     0.362      0.510     0.740      145.0        6.0
            AVG OR GEOM MN (*)       0.006     0.068      0.334     0.006      0.128D    0.202      0.266     0.468      110.8        4.9D
                       MINIMUM       0.002     0.010      0.220     0.002      0.020     0.032      0.110     0.296       60.0        3.0

                 NO OF SAMPLES          10        10         10        10         10        10         10        10          4         10

                                     7       107          14        16         56
SAMP DTE HOUR  STN  STN SAMP  PJ    DISS.  CALCUL         COND.     TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     SOLIDS   D-SOLIDS        25C   FORMAZIN      MG/L
               FEET       MTRS      MG/L   MG/L          UMHOS     UNITS

23 01 78 1105               .3                  75         116      3.00       5.0
20 02 78 1110               .3         104      79         122      3.40       4.5
21 03 78 1050               .3         140      72         110      4.10       3.5
12 04 78 1035               .3         126      99         152      5.40       7.5
17 05 78 1130               .3                  62          95      3.50       1.5
12 06 78 1045               .3                  51          78      3.00       2.5
14 08 78 1150               .3                  95         146      1.30       3.8
12 09 78 1035               .3                  78         120      2.00       3.3
17 10 78 1050               .3                  49          76      2.20       2.8
07 11 78 1145               .3                  52          80      2.10       2.3

                       MAXIMUM         140      99         152      5.40       7.5
            AVG OR GEOM MN (*)         123      71         110      3.00       3.7
                       MINIMUM         104      49          76      1.30       1.5

                 NO OF SAMPLES           3      10          10        10        10
```

```
 B.O.W./ SITE: OTTAWA RIVER                                                                               STATION ID:  18-0000-240-02
 SAMPLE POINT: AT CHENAUX DAM, PORTAGE-DU-FORT
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                     STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                                 006

STN NO:    240    LAT:                  LONG:                U T M: 18 0369400.0 5049999.0 4    REGION: 04            MILEAGE:  188.60

                                           934         80         81         84        805          3          1        33         34         19
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY     TOTAL   FILTERED   FILTERED
DY MO YR LMT   DIST BRG DEPTH               NO   COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD         P   REACTIVE    AMMONIA
               FEET       MTRS                  MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L      MG/L     P MG/L       MG/L

06 12 78 1050               .3           25577     148.        12.         4.  L      1.0       12.6        0.6     0.013      0.004      0.128

                       MAXIMUM                     148.        12.         4.         1.0       12.6        0.6     0.013      0.004      0.128
            AVG OR GEOM MN (*)                     148.*       12.*        4.* D      1.0       12.6        0.6     0.013      0.004      0.128
                       MINIMUM                     148.        12.         4.         1.0       12.6        0.6     0.013      0.004      0.128

                 NO OF SAMPLES                        1          1          1           1          1          1         1          1          1

                                    20         21         22          17        18         23          5          6        107         14
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED   FILTERED     INRGNC      TOTAL   TOTAL N      TOTAL      SUSP.   CALCUL       COND.
DY MO YR LMT   DIST BRG DEPTH     KJELDAHL  NO2-N      NO3-N            N  ORGNC  N               SOLIDS     SOLIDS   D-SOLIDS       25C
               FEET       MTRS      MG/L   MG/L       MG/L          MG/L       MG/L      MG/L       MG/L       MG/L   MG/L         UMHOS

06 12 78 1050               .3       0.450     0.005      0.335      0.468     0.322      0.790      46.0        1.0         45         69

                       MAXIMUM       0.450     0.005      0.335      0.468     0.322      0.790      46.0        1.0         45         69
            AVG OR GEOM MN (*)       0.450     0.005      0.335      0.468     0.322      0.790      46.0        1.0         45         69
                       MINIMUM       0.450     0.005      0.335      0.468     0.322      0.790      46.0        1.0         45         69

                 NO OF SAMPLES           1         1          1          1         1          1          1          1          1          1

                                    16         56
SAMP DTE HOUR  STN  STN SAMP  PJ   TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN     MG/L
               FEET       MTRS     UNITS

06 12 78 1050               .3        2.50       2.0

                       MAXIMUM        2.50       2.0
            AVG OR GEOM MN (*)        2.50       2.0
                       MINIMUM        2.50       2.0

                 NO OF SAMPLES           1         1
 B.O.W./ SITE: OTTAWA RIVER                                                                   STATION ID:  18-0000-300-02
 SAMPLE POINT: AT DES JOACHIMS DAM
 STATION TYPE: RIVER    FLOW GAUGE FED 02KA002           MAJOR BASIN: GREAT LAKES
                                                         MINOR BASIN: OTTAWA RIVER                    STORET CODE: 02
                                                                                                                   006
STN NO:    300    LAT:              LONG:               U T M: 18 0291800.0 5117700.0 4    REGION: 04       MILEAGE:  282.00

                                             934       444        80         81         84        805         3          1         33          34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE  FLOW CFS     TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL    FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM   COLIFORM     ENTER.     TEMP.         02        BOD          P    REACTIVE
               FEET       MTRS                        MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L      P MG/L

06 12 78 1350              .3        25579  26800.00     4.         2.  L      2.  L       4.0        10.2        0.2      0.016       0.002

                      MAXIMUM               26800.00     4.         2.         2.          4.0        10.2        0.2      0.016       0.002
            AVG OR GEOM MN (*)              26800.00     4.*        2.* D      2.* D       4.0        10.2        0.2      0.016       0.002
                      MINIMUM               26800.00     4.         2.         2.          4.0        10.2        0.2      0.016       0.002

                 NO OF SAMPLES                     1          1          1          1          1          1          1          1          1

                                       19         20         21         22         17         18         23          5          6        107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS   D-SOLIDS
               FEET       MTRS        MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L   MG/L

06 12 78 1350              .3        0.134      0.500      0.004      0.231      0.369      0.366      0.735       44.0        2.0         42

                      MAXIMUM        0.134      0.500      0.004      0.231      0.369      0.366      0.735       44.0        2.0         42
            AVG OR GEOM MN (*)       0.134      0.500      0.004      0.231      0.369      0.366      0.735       44.0        2.0         42
                      MINIMUM        0.134      0.500      0.004      0.231      0.369      0.366      0.735       44.0        2.0         42

                 NO OF SAMPLES           1          1          1          1          1          1          1          1          1          1

                                       14         16         56
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.      TURB.   CHLORIDE
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN        MG/L
               FEET       MTRS       UMHOS      UNITS

06 12 78 1350              .3           58       2.90        1.4

                      MAXIMUM           58       2.90        1.4
            AVG OR GEOM MN (*)          58       2.90        1.4
                      MINIMUM           58       2.90        1.4

                 NO OF SAMPLES           1          1          1
```

```
 B.O.W./ SITE: OTTAWA RIVER                                                                   STATION ID:  18-0000-360-02
 SAMPLE POINT: AT OTTO HOLDEN DAM, 6 MILES NORTH OF MATTAWA
 STATION TYPE: RIVER    FLOW GAUGE FED 02JE012           MAJOR BASIN: GREAT LAKES
                                                         MINOR BASIN: OTTAWA RIVER                    STORET CODE: 02
                                                                                                                   006
STN NO:    360    LAT:              LONG:               U T M: 17 0674750.0 5138400.0 4    REGION: 05       MILEAGE:  340.90

                                       934       901       444         80         81         84        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCO  FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO                       COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P
               FEET       MTRS                                   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L

29 01 78 1630              .3        23320   4        25200.00      20.        2.  L      4.          1.0                   1.4      0.016
26 02 78 1630              .3        23339   4        29100.00      10.        4.  L      4.  L       1.0                   0.8      0.018
19 03 78 1630              .3        23345   4        17900.00      12.        2.  L      2.  L       2.0         8.0       1.8      0.010
09 04 78 1630              .3        23364   6        15500.00       4.        2.         2.  L       2.0         5.0       2.0      0.004
22 05 78 0700              .3        23380   6        20300.00                                        8.0         5.0       1.4      0.016
25 06 78 1800              .3        23405   6        16400.00                                       18.0         7.0       0.8      0.010
15 07 78 0810              .3        23422   6        14700.00                                       17.0         7.0       0.8      0.014
07 08 78 1800              .3        23443   6        13000.00                                       21.0         5.0       1.4      0.018
04 09 78 1720              .3        23461   6        11500.00                                       20.0                   1.0      0.005
15 10 78 1330              .3        23479   6        25600.00                                       12.0         4.0       1.4      0.015
12 11 78 1650              .3        23497   6        21600.00                                        7.0         5.0       1.0      0.010
03 12 78 1800              .3        23515   6        22900.00                                        1.0                   1.6      0.016

                      MAXIMUM                         29100.00      20.        4.         4.         21.0         8.0       2.0      0.018
            AVG OR GEOM MN (*)                        19475.00      10.*       2.* D      3.* D       9.2         5.8       1.3      0.013
                      MINIMUM                         11500.00       4.        2.         2.          1.0         4.0       0.8      0.004

                 NO OF SAMPLES                              12          4          4          4         12          8         12         12

                                       34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH     REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N              N  ORGNC  N                SOLIDS     SOLIDS
               FEET       MTRS      P MG/L       MG/L       MG/L   MG/L       MG/L            MG/L       MG/L       MG/L       MG/L       MG/L

29 01 78 1630              .3        0.003      0.171      0.570      0.005      0.070      0.246      0.399      0.645       49.0        2.4
26 02 78 1630              .3        0.003      0.132      0.510      0.005      0.170      0.307      0.378      0.685       44.0        2.5
19 03 78 1630              .3        0.002      0.210      0.680      0.003      0.182      0.395      0.470      0.865       46.0        3.2
09 04 78 1630              .3        0.002      0.272      0.760      0.005      0.185      0.462      0.488      0.950       46.0        3.9
22 05 78 0700              .3        0.002      0.186      0.600      0.004      0.155      0.345      0.414      0.759       41.0        3.7
25 06 78 1800              .3        0.002      0.168      0.600      0.005      0.205      0.378      0.432      0.810       45.0        2.7
15 07 78 0810              .3        0.001      0.200      0.620      0.005      0.140      0.345      0.420      0.765       47.0        3.2
07 08 78 1800              .3        0.003      0.340      0.800      0.005      0.175      0.520      0.460      0.980       52.0        3.4
04 09 78 1720              .3        0.001      0.360      0.650      0.006      0.170      0.536      0.290      0.826       52.0        1.1
15 10 78 1330              .3        0.002      0.397      1.030      0.005      0.175      0.577      0.633      1.210       51.0        3.7
12 11 78 1650              .3        0.002      0.180      0.540      0.004      0.206      0.390      0.360      0.750       46.0        2.0
03 12 78 1800              .3        0.003      0.216      0.680      0.004      0.221      0.441      0.464      0.905       46.0        2.0

                      MAXIMUM        0.003      0.397      1.030      0.006      0.221      0.577      0.633      1.210       52.0        3.9
            AVG OR GEOM MN (*)       0.002      0.236      0.670      0.005      0.171      0.412      0.434      0.846       47.1        2.8
                      MINIMUM        0.001      0.132      0.510      0.003      0.070      0.246      0.290      0.645       41.0        1.1

                 NO OF SAMPLES          12         12         12         12         12         12         12         12         12         12
```

(C O N T D)

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT OTTO HOLDEN DAM, 6 MILES NORTH OF MATTAWA
STATION TYPE: RIVER FLOW GAUGE FED 02JE012
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STATION ID: 18-0000-360-02
STORET CODE: 02 006

STN NO: 360 LAT: LONG: U T M: 17 0674750.0 5138400.0 4 REGION: 05 MILEAGE: 340.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78 1630			.3		47	73	6.40	2.0
26 02 78 1630			.3		42	64	5.60	1.5
19 03 78 1630			.3		43	66	4.70	1.8
09 04 78 1630			.3		42	64	3.90	1.7
22 05 78 0700			.3		37	57	2.60	1.7
25 06 78 1800			.3		42	64	3.20	1.4
15 07 78 0810			.3		44	67	2.20	1.8
07 08 78 1800			.3		49	75	1.80	2.0
04 09 78 1720			.3		51	78	1.80	2.0
15 10 78 1330			.3		47	72	2.90	2.0
12 11 78 1650			.3		44	68	3.60	1.5
03 12 78 1800			.3		44	68	4.10	1.7
MAXIMUM					51	78	6.40	2.0
AVG OR GEOM MN (*)					44	68	3.57	1.8
MINIMUM					37	57	1.80	1.4
NO OF SAMPLES					12	12	12	12

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: DAM AT TEMISCAMING, ONTARIO SIDE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
STATION ID: 18-0000-380-02
STORET CODE: 02 006

STN NO: 380 LAT: LONG: U T M: 17 0645025.0 5174300.0 4 REGION: 05 MILEAGE: 372.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L
01 02 78 1000			.3		25251	1.0	0.8	0.011	0.006	0.002L	0.210	0.003	0.177	0.182
01 03 78 1000			.3		25252	1.0	0.2	0.007	0.007	0.004	0.310	0.002	0.188	0.194
05 04 78 1030			.3		25253	1.5	0.5	0.006	0.003	0.006	0.230	0.002	0.178	0.186
03 05 78 1400			.3		25254	3.0	0.2	0.009	0.005	0.008	0.280	0.003	0.165	0.176
02 06 78 0915			.3		25255	7.0	0.2	0.011	0.006	0.010	0.230	0.003	0.195	0.208
04 07 78 1030			.3		25256	15.0	0.2	0.015	0.007	0.052	0.320	0.003	0.167	0.222
02 08 78 1030			.3		25257	18.0	0.4	0.015	0.007	0.022	0.300	0.004	0.166	0.192
05 09 78 1000			.3		25258	18.0	0.4	0.007	0.003	0.020	0.150	0.002	0.190	0.212
04 12 78 1600			.3		25261	4.0	0.2	0.011	0.006	0.006	0.220	0.002	0.243	0.251
MAXIMUM						18.0	0.8	0.015	0.007	0.052	0.320	0.004	0.243	0.251
AVG OR GEOM MN (*)						7.6	0.3	0.010	0.006	0.014D	0.250	0.003	0.185	0.203
MINIMUM						1.0	0.2	0.006	0.003	0.002	0.150	0.002	0.165	0.176
NO OF SAMPLES						9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L
01 02 78 1000			.3		0.208	0.390	43.0	2.8	40	63	6.80	1.2	11.0	1.70
01 03 78 1000			.3		0.306	0.500	39.0	1.4	38	58	4.80	1.0	11.0	1.90
05 04 78 1030			.3		0.224	0.410	44.0	1.9	42	65	4.60	0.9	10.5	1.75
03 05 78 1400			.3		0.272	0.448	34.0	1.1	33	51	3.60	1.0	11.0	1.80
02 06 78 0915			.3		0.220	0.428	43.0	4.5	39	62	3.90	1.1	11.0	2.05
04 07 78 1030			.3		0.268	0.490	45.0	2.5	43	66	3.90	1.2	10.5	2.20
02 08 78 1030			.3		0.278	0.470	48.0	2.4	46	70	2.40	1.4	11.0	1.95
05 09 78 1000			.3		0.130	0.342	47.0	0.4	47	72	1.80	1.5	11.0	2.00
04 12 78 1600			.3		0.214	0.465	44.0	0.5	43	66	4.60	1.2	11.0	2.10
MAXIMUM					0.306	0.500	48.0	4.5	47	72	6.80	1.5	11.0	2.20
AVG OR GEOM MN (*)					0.236	0.438	43.0	1.9	41	64	4.04	1.2	10.9	1.94
MINIMUM					0.130	0.342	34.0	0.4	33	51	1.80	0.9	10.5	1.70
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
01 02 78 1000			.3		2.4	22	6.82	0.530	1.0	24.0	6.60	1.90	40	0.75
01 03 78 1000			.3		2.0	14	6.97	0.420	1.0L	23.0	6.20	1.85	30	0.70
05 04 78 1030			.3		3.2	15	7.06	0.360	1.0	23.0	6.00	1.85	35	0.75
03 05 78 1400			.3		2.5	12	6.76	0.330	1.0	19.0	5.00	1.60	40	0.65
02 06 78 0915			.3		2.2	16	7.76	0.350	1.0L	25.0	6.60	1.95	41	0.70
04 07 78 1030			.3		2.6	20	7.02	0.360	2.0	27.0	7.40	2.00	54	0.80
02 08 78 1030			.3		3.0	22	7.46	0.230	1.0L	29.0	8.20	2.10	40	0.80
05 09 78 1000			.3		1.2	24	7.23	0.180	1.0	29.0	8.20	2.15	39	0.75
04 12 78 1600			.3		1.0	20	6.83	0.330	1.0L	26.0	7.40	1.90	40	0.75
MAXIMUM					3.2	24	7.76	0.530	2.0	29.0	8.20	2.15	54	0.80
AVG OR GEOM MN (*)					2.2	18	7.10	0.343	1.1D	25.0	6.84	1.92	40	0.74
MINIMUM					1.0	12	6.76	0.180	1.0	19.0	5.00	1.60	30	0.65
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
01 02 78 1000			.3		1.70	28	0.002	0.560	0.020L	0.010L	0.030L	0.005L	0.010L	0.018
01 03 78 1000			.3		1.70	35	0.001	0.420	0.020L	0.010L	0.030L	0.005L	0.010L	0.016
05 04 78 1030			.3		1.40	16	0.001	0.410	0.020L	0.010L	0.030L	0.005L	0.010L	0.018
03 05 78 1400			.3		1.60	24		0.380	0.020L	0.010L	0.030L	0.005L	0.010	0.019
02 06 78 0915			.3		1.50	37	0.001	0.170	0.020L	0.010L	0.030L	0.005L	0.010L	0.014
04 07 78 1030			.3		1.70	15	0.001	0.220	0.020	0.010L	0.030L	0.005L	0.010L	0.014
02 08 78 1030			.3		1.80	24	0.002	0.360	0.020L	0.010	0.030L	0.005L	0.010L	0.012
05 09 78 1000			.3		2.10	20								0.011
04 12 78 1600			.3		1.60	20	0.002	0.280	0.020L	0.020	0.030L	0.005L	0.010	0.010
MAXIMUM					2.10	37	0.002	0.560	0.020	0.020	0.030	0.005	0.010	0.019
AVG OR GEOM MN (*)					1.68	24	0.001	0.350	0.020D	0.011D	0.030D	0.005D	0.010D	0.015
MINIMUM					1.40	15	0.001	0.170	0.020	0.010	0.030	0.005	0.010	0.010
NO OF SAMPLES					9	9	7	8	8	8	8	8	8	9

(C O N T D)

```
                                          238       272       217
SAMP DTE HOUR   STN  STN SAMP  PJ        TOTAL  AVAILBLE     TOTAL
DY MO YR LMT    DIST BRG DEPTH          NICKEL   CYANIDE    COBALT
                FEET      MTRS            MG/L  MG/L CN       MG/L

01 02 78 1000               .3          0.020L     0.01L    0.020L
01 03 78 1000               .3          0.020L     0.01L    0.020L
05 04 78 1030               .3          0.020L     0.01L    0.020L
03 05 78 1400               .3          0.040L
02 06 78 0915               .3          0.020L     0.01L    0.020L
04 07 78 1030               .3          0.020L     0.01L    0.020L
02 08 78 1030               .3          0.020L              0.020L
04 12 78 1600               .3          0.020L              0.020L

                       MAXIMUM          0.040      0.01     0.020
            AVG OR GEOM MN (*)          0.023D     0.01D    0.020D
                       MINIMUM          0.020      0.01     0.020

               NO OF SAMPLES               8         5         7


 B.O.W./ SITE: KEMPTVILLE CREEK                                                    STATION ID:  18-0033-003-02
 SAMPLE POINT: HIGHWAY 43, KEMPTVILLE
 STATION TYPE: RIVER    FLOW GAUGE FED 02LA006         MAJOR BASIN: GREAT LAKES               STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                           006
                                                       TERM STREAM: RIDEAU RIVER                           1710

STN NO:     3    LAT:                LONG:             U T M: 18 0449450.0 4986950.0 4   REGION: 04       MILEAGE:   34.90

                                          934       901      444        80        81        84       805         3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH              NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P
                FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

09 01 78 0930               .3           28000   6 4      200.00    11400.     1800.     600.  G     0.0       8.0       1.0     0.037
06 02 78 0920               .3           28020   6 4      388.00     2200.       84.      68.        0.0       6.0       0.4     0.028
28 02 78 0900               .3           28040   6 4      104.00      100.        4.      40.        0.0       8.0       1.0     0.028
17 04 78 0800               .3           28060   6 3     1720.00      488.       82.      30.        3.0       7.0       0.2     0.015
15 05 78 0845               .3           28080   6         75.20     1600.       50.      66.       14.0       8.0       0.8     0.039
07 06 78 0730               .3           28100   5 7       20.40     6800.      260.       6.       18.0       6.0       1.0     0.081
10 07 78 0930               .3           28120   5 7        1.50     5800.      100.      14.       23.0       7.0       1.6     0.146
08 08 78 0730               .3           28140   5 7        1.10       10.        4.  L    6.       24.0      10.0      12.0     4.470
05 09 78 0940               .3           28160   5 7        0.92    49000.      132.       2.  L    19.0       5.0       2.8     0.395
10 10 78 0930               .3           28180   6          0.81     1800.       10.  L    4.  L    10.0       5.0       3.5     0.605
06 11 78 1010               .3           28200   6          0.95      810.        4.  L    4.  L     9.0       3.0       3.2     0.770
05 12 78 0830               .3           28220   6 4       15.50    23000.      224.     108.        0.0      11.0       1.2     0.051

                       MAXIMUM                           1720.00    49000.     1800.     600.       24.0      11.0      12.0     4.470
            AVG OR GEOM MN (*)                            210.70     1814.*      51.* D   21.* E    10.0       7.0       2.4     0.555
                       MINIMUM                              0.81       10.        4.       2.        0.0       3.0       0.2     0.015

               NO OF SAMPLES                                  12        12        12        12        12        12        12        12
                                           34        19       20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ     FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH        REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS          P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

09 01 78 0930               .3           0.008     0.048     0.730     0.005     0.380     0.433     0.682     1.115     269.0       5.7



06 02 78 0920               .3           0.005     0.038     0.670     0.009     0.066     0.113     0.632     0.745     237.0       2.3
28 02 78 0900               .3           0.014     0.114     0.700     0.010     0.290     0.414     0.586     1.000     266.0       4.0
17 04 78 0800               .3           0.002     0.024     0.360     0.004     0.260     0.288     0.336     0.624     139.0       3.3
15 05 78 0845               .3           0.015     0.140     0.820     0.010     0.310     0.460     0.680     1.140     209.0       3.8
07 06 78 0730               .3           0.051     0.166     1.110     0.033     0.425     0.624     0.944     1.568     247.0       2.6
10 07 78 0930               .3           0.073     0.304     1.410     0.021     0.030     0.355     1.106     1.461     267.0       4.1
08 08 78 0730               .3           3.500     6.000     8.300     0.014     0.051     6.065     2.300     8.365     651.0      54.0
05 09 78 0940               .3           0.230     0.920     2.050     0.011     0.005     0.936     1.130     2.066     317.0       4.9
10 10 78 0930               .3           0.470     1.710     2.950     0.084     0.080     1.874     1.240     3.114     358.0       5.2
08 11 78 1010               .3           0.630     3.100     4.750     0.059     0.221     3.380     1.650     5.030     373.0       7.0
05 12 78 0830               .3           0.008     0.066     0.980     0.006     0.529     0.601     0.914     1.515     293.0       2.0

                       MAXIMUM           3.500     6.000     8.300     0.084     0.529     6.065     2.300     8.365     651.0      54.0
            AVG OR GEOM MN (*)           0.417     1.053     2.069     0.022     0.221     1.295     1.017     2.312     302.2       8.2
                       MINIMUM           0.002     0.024     0.360     0.004     0.005     0.113     0.336     0.624     139.0       2.0

               NO OF SAMPLES                12        12        12        12        12        12        12        12        12        12
                                             7       107        14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ        DISS.  CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH          SOLIDS  D-SOLIDS       25C  FORMAZIN      MG/L
                FEET      MTRS            MG/L  MG/L         UMHOS     UNITS

09 01 78 0930               .3             263                 404      4.10      11.5
06 02 78 0920               .3                       235       361      2.10       5.6
28 02 78 0900               .3                       262       403      2.90       7.3
17 04 78 0800               .3                       136       210      1.40       3.1
15 05 78 0845               .3                       205       315      2.70       7.0
07 06 78 0730               .3                       244       375      2.00      11.0
10 07 78 0930               .3                       263       405      2.10      21.5
08 08 78 0730               .3             597                 970      9.80     145.0
05 09 78 0940               .3             312                 520      2.60      45.5
10 10 78 0930               .3             353                 560      2.90      54.0
08 11 78 1010               .3             366                 640      3.60      52.0
05 12 78 0830               .3             291                 450      2.60      15.5

                       MAXIMUM             597       263       970      9.80     145.0
            AVG OR GEOM MN (*)             364       224       468      3.23      31.6
                       MINIMUM             263       136       210      1.40       3.1

               NO OF SAMPLES                 6         6        12        12        12
```

STATION ID: 18-0033-005-02

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT OLD SLY LOCKS, SMITH FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02LA005

STORET CODE: 02
006
1710

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STN NO: 5 LAT: LONG: U T M: 18 0420575.0 4971200.0 4 REGION: 04 MILEAGE: 60.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 1605			.3		28011	6	646.00	390.	92.	32.	0.0	10.0	0.2	0.027
06 02 78 1600			.3		28031	6	1560.00	890.	46.	34.	0.0	11.0	0.6	0.034
28 02 78 1500			.3		28051	6	883.00	50.	14.	12.	0.0	12.0	0.2	0.033
17 04 78 1420			.3		28071	6 3	1290.00	224.	26.	6.	2.0	10.0	0.2	0.028
15 05 78 1425			.3		28091	6	360.00	260.	16.	6.	15.0	9.0	0.8	0.033
07 06 78 1420			.3		28111	6 8		170.	4.	2. L	20.0	8.0	1.0	0.042
10 07 78 1540			.3		28131	5 8		60.	6.	2.	24.0	6.0	1.0	0.042
08 08 78 1445			.3		28151	5 8		24000. G	112.	2.	23.0	8.0	1.0	0.049
05 09 78 1450			.3		28171	5 8		200.	2. L	2. L	20.0	9.0	0.5	0.041
10 10 78 1430			.3		28191	6		460.	4. L	18.	10.0	8.0	0.2	0.015
06 11 78 1550			.3		28211	6	174.00	6600.	12.	16.	10.0	9.0	0.4	0.046
05 12 78 1415			.3		28231	6	129.00	6900.	528.	292.	0.0	10.0	0.8	0.015
MAXIMUM							1560.00	24000.	528.	292.	24.0	12.0	1.0	0.049
AVG OR GEOM MN (*)							720.29	564.* U	20.* D	10.* D	10.3	9.2	0.6	0.034
MINIMUM							129.00	50.	2.	2.	0.0	6.0	0.2	0.015
NO OF SAMPLES							7	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78 1605			.3		0.008	0.100	0.590	0.004	0.136	0.240	0.490	0.730	168.0	2.1
06 02 78 1600			.3		0.010	0.056	0.520	0.004	0.041	0.101	0.464	0.565	152.0	4.3
28 02 78 1500			.3		0.006	0.062	0.520	0.004	0.091	0.157	0.458	0.615	146.0	1.6
17 04 78 1420			.3		0.018	0.040	0.450	0.005	0.215	0.260	0.410	0.670	116.0	1.9
15 05 78 1425			.3		0.006	0.056	0.590	0.003	0.015	0.074	0.534	0.608	133.0	3.3
07 06 78 1420			.3		0.011	0.104	0.620	0.001	0.005L	0.110	0.516	0.626	128.0	1.4
10 07 78 1540			.3		0.010	0.020	0.570	0.003	0.015	0.038	0.550	0.588	119.0	2.5
08 08 78 1445			.3		0.010	0.052	0.830	0.002	0.005L	0.059	0.778	0.837	149.0	3.4
05 09 78 1450			.3		0.007	0.030	0.250	0.002	0.015	0.047	0.220	0.267	110.0	0.1L
10 10 78 1430			.3		0.004	0.018	0.510	0.002	0.005	0.025	0.492	0.517	120.0	0.4
06 11 78 1550			.3		0.025	0.018	0.800	0.002	0.008	0.028	0.782	0.810	139.0	2.0
05 12 78 1415			.3		0.003	0.066	0.490	0.003	0.117	0.186	0.424	0.610	177.0	0.6
MAXIMUM					0.025	0.104	0.830	0.005	0.215	0.260	0.782	0.837	177.0	4.3
AVG OR GEOM MN (*)					0.010	0.052	0.562	0.003	0.056D	0.110	0.510	0.620	138.1	2.0D
MINIMUM					0.003	0.018	0.250	0.001	0.005	0.025	0.220	0.267	110.0	0.1
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1605			.3		166		255	2.20	7.5
06 02 78 1600			.3			148	228	2.30	5.8
28 02 78 1500			.3			144	221	1.90	4.9
17 04 78 1420			.3			114	175	2.40	4.8
15 05 78 1425			.3			130	200	1.60	4.9
07 06 78 1420			.3			127	195	1.40	5.1
10 07 78 1540			.3			117	180	1.60	4.8
08 08 78 1445			.3			146	225	1.80	10.0
05 09 78 1450			.3			110	170	0.70	4.2
10 10 78 1430			.3			120	185	1.00	5.2
06 11 78 1550			.3			137	210	1.60	6.1
05 12 78 1415			.3			176	270	1.90	14.0
MAXIMUM					166	176	270	2.40	14.0
AVG OR GEOM MN (*)					166	134	210	1.70	6.4
MINIMUM					166	110	170	0.70	4.2
NO OF SAMPLES					1	11	12	12	12

STATION ID: 18-0033-007-02

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: NARROWS LOCK BRIDGE, 4 MILES NORTH OF CROSBY
STATION TYPE: RIVER

STORET CODE: 02
006
1710

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STN NO: 7 LAT: LONG: U T M: 18 0397300.0 4950500.0 4 REGION: 04 MILEAGE: 82.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1530			.3		28018	6	4. L	2. L	2. L	0.0	11.0	0.4	0.028	0.008
07 02 78 1510			.3		28038	6	4.	2. L	2.	0.0	10.0	1.0	0.011	0.011
01 03 78 1445			.3		28058	6	4. L	2. L	4. L	0.0	12.0	0.2	0.017	0.008
18 04 78 1130			.3		28078	6 3	4. L	2. L	2. L	2.0	10.0	0.5	0.009	0.001L
16 05 78 1345			.3		28098	6	4. L	2. L	2. L	11.0	11.0	0.4	0.037	0.009
06 06 78 1345			.3		28118	5 8	4.	2. L	6.	20.0	9.0	2.0	0.034	0.003
11 07 78 1425			.3		28138	5 8	4. L	2. L	2.	23.0	9.0	1.0	0.028	0.001
09 08 78 1330			.3		28158	5 8	100.	2. L	2. L	23.0	8.0	0.5	0.032	0.001
06 09 78 1340			.3		28178	5 8	30.	2. L	2. L	22.0	8.0	4.4	0.047	0.002
11 10 78 1345			.3		28198	5	10. L	4. L	12.	15.0	9.0	0.8	0.027	0.001
07 11 78 1320			.3		28218	6	4. L	2. L	2. L	9.0	8.0	0.8	0.022	0.001L
11 12 78 1350			.3		28238	6	4. L	2. L	2. L	0.0	11.0	0.4	0.011	0.001L
MAXIMUM							100.	4.	12.	23.0	12.0	4.4	0.047	0.011
AVG OR GEOM MN (*)							7.* D	2.* D	3.* D	10.4	9.7	1.0	0.025	0.004D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.009	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78 1530			.3		0.042	3.800	0.005	0.135	0.182	3.758	3.940	149.0	0.6	148
07 02 78 1510			.3		0.016	0.430	0.004	0.191	0.211	0.414	0.625	149.0	0.8	148
01 03 78 1445			.3		0.012	0.400	0.004	0.221	0.237	0.388	0.625	150.0	0.4	150
18 04 78 1130			.3		0.112	0.240	0.003	0.235	0.350	0.128	0.478	21.0	0.7	20
16 05 78 1345			.3		0.042	0.490	0.004	0.120	0.166	0.448	0.614	143.0	3.2	140
06 06 78 1345			.3		0.046	0.640	0.001	0.005	0.052	0.594	0.646	140.0	4.4	136
11 07 78 1425			.3		0.008	0.480	0.002	0.005L	0.015	0.472	0.487	137.0	3.9	133
09 08 78 1330			.3		0.150	0.700	0.001	0.005L	0.156	0.550	0.706	140.0	3.7	136
06 09 78 1340			.3		0.058	0.570	0.003	0.005	0.066	0.512	0.578	159.0	19.0	140
11 10 78 1345			.3		0.060	0.590	0.003	0.015	0.078	0.530	0.608	142.0	1.9	140
07 11 78 1320			.3		0.026	0.540	0.002	0.008	0.036	0.514	0.550	142.0	2.0	140
11 12 78 1350			.3		0.022	0.390	0.002	0.018	0.042	0.368	0.410	146.0	2.6	143
MAXIMUM					0.150	3.800	0.005	0.235	0.350	3.758	3.940	159.0	19.0	150
AVG OR GEOM MN (*)					0.050	0.773	0.003	0.080D	0.133	0.723	0.856	134.8	3.6	131
MINIMUM					0.008	0.240	0.001	0.005	0.015	0.128	0.410	21.0	0.4	20
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1530			.3		227	1.20	7.6
07 02 78 1510			.3		227	1.60	7.1
01 03 78 1445			.3		230	1.60	7.4
18 04 78 1130			.3		31	0.85	0.6
16 05 78 1345			.3		215	1.10	7.3
06 06 78 1345			.3		210	1.10	7.6
11 07 78 1425			.3		205	1.90	7.6
09 08 78 1330			.3		210	1.60	7.6
06 09 78 1340			.3		215	6.90	7.8
11 10 78 1345			.3		215	2.40	7.8
07 11 78 1320			.3		215	1.90	7.8
11 12 78 1350			.3		220	1.50	7.7
MAXIMUM					230	6.90	7.8
AVG OR GEOM MN (*)					202	1.97	7.0
MINIMUM					31	0.85	0.6
NO OF SAMPLES					12	12	12

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
STATION TYPE: RIVER

STATION ID: 18-0033-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 8 LAT: LONG: U T M: 18 0405400.0 4971550.0 4 REGION: 04 MILEAGE: 70.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1125			.3		28013	4 6	7500.	750.	260.	0.0	11.0	0.8	0.090	0.058
07 02 78 1005			.3		28033	4 6	15700.	216.	228.	0.0	10.0	1.0	0.034	0.009
01 03 78 1015			.3		28053	4 6	4700.	588.	356.	0.0	6.0	0.2	0.038	0.031
18 04 78 0735			.3		28073	6 3	14000.	30.	80.	2.0	8.0	1.0	0.049	0.022
16 05 78 0910			.3		28093	6	400.	4. L	8.	13.0	9.0	0.8	0.059	0.020
06 06 78 0910			.3		28113	5 7	2020.	4.	22.	19.0	7.0	1.0	0.092	0.058
11 07 78 1000			.3		28133	5 7				21.5	7.0	0.8	0.033	0.005
09 08 78 0915			.3		28153	5 7	1000.	72.	10.	22.5	5.0	0.2	0.050	0.021
06 09 78 0920			.3		28173	5 7	2000.	2. L	4.	20.0	6.0	0.8	0.033	0.015
11 10 78 0925			.3		28193	6	2900.	6.	2. L	10.0	8.0	0.4	0.042	0.042
07 11 78 0905			.3		28213	6	510.	92.	14.	8.0	5.0	0.2	0.085	0.068
11 12 78 0950			.3		28233	6 4	1120.	108.	100.	0.0	9.0	0.2	0.090	0.065
MAXIMUM							15700.	750.	356.	22.5	11.0	1.0	0.092	0.068
AVG OR GEOM MN (*)							2468.*	40.* D	32.* D	9.7	7.6	0.6	0.058	0.035
MINIMUM							400.	2.	2.	0.0	5.0	0.2	0.033	0.005
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78 1125			.3		0.258	0.790	0.004	0.156	0.418	0.532	0.950	154.0	8.5	146
07 02 78 1005			.3		0.082	0.570	0.003	0.027	0.112	0.488	0.600	128.0	2.8	125
01 03 78 1015			.3		0.180	0.770	0.005	0.055	0.240	0.590	0.830	118.0	2.0	116
18 04 78 0735			.3		0.142	0.590	0.005	0.100	0.247	0.448	0.695	116.0	2.4	114
16 05 78 0910			.3		0.072	0.630	0.004	0.020	0.096	0.558	0.654	123.0	3.4	120
06 06 78 0910			.3		0.136	0.780	0.006	0.050	0.192	0.644	0.836	120.0	3.1	117
11 07 78 1000			.3		0.016	0.460	0.002	0.005	0.023	0.444	0.467	103.0	2.1	101
09 08 78 0915			.3		0.052	0.550	0.002	0.005L	0.059	0.498	0.557	108.0	3.8	104
06 09 78 0920			.3		0.022	0.250	0.003	0.005L	0.030	0.228	0.258	109.0	2.1	107
11 10 78 0925			.3		0.036	0.540	0.005	0.020	0.061	0.504	0.565	108.0	1.4	107
07 11 78 0905			.3		0.358	0.860	0.006	0.044	0.408	0.502	0.910	139.0	1.9	137
11 12 78 0950			.3		0.204	0.730	0.002	0.858	1.064	0.526	1.590	155.0	1.5	153
MAXIMUM					0.358	0.860	0.006	0.858	1.064	0.644	1.590	155.0	8.5	153
AVG OR GEOM MN (*)					0.130	0.627	0.004	0.112D	0.246	0.497	0.743	123.4	2.9	121
MINIMUM					0.016	0.250	0.002	0.005	0.023	0.228	0.258	103.0	1.4	101
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 18-0033-008-02

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 8 LAT: LONG: U T M: 18 0405400.0 4971550.0 4 REGION: 04 MILEAGE: 70.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1125			.3		224	3.10	9.4
07 02 78	1005			.3		192	1.90	5.0
01 03 78	1015			.3		178	2.80	5.0
18 04 78	0735			.3		175	1.90	7.9
16 05 78	0910			.3		185	1.50	7.0
06 06 78	0910			.3		180	1.80	6.2
11 07 78	1000			.3		155	2.00	4.1
09 08 78	0915			.3		160	1.20	4.4
06 09 78	0920			.3		165	1.00	4.5
11 10 78	0925			.3		165	1.80	5.0
07 11 78	0905			.3		210	1.70	10.2
11 12 78	0950			.3		235	1.30	10.3
MAXIMUM						235	3.10	10.3
AVG OR GEOM MN (*)						185	1.83	6.6
MINIMUM						155	1.00	4.1
NO OF SAMPLES						12	12	12

STATION ID: 18-0033-009-02

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT MARKET STREET PERTH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 9 LAT: LONG: U T M: 18 0400950.0 4971900.0 4 REGION: 04 MILEAGE: 74.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1140			.3		28014	6	590.	16.	64.	0.0	11.0	0.2	0.032	0.005
07 02 78	1040			.3		28034	6	30.	2. L	8.	0.0	11.0	0.8	0.015	0.003
01 03 78	1035			.3		28054	6	10.	4.	4.	0.0	11.0	0.2	0.016	0.002
18 04 78	0800			.3		28074	6 3	116.	6.	4.	2.0	10.0	0.8	0.018	0.002
16 05 78	0935			.3		28094	6	140.	20.	4.	13.0	9.0	0.4	0.020	0.002
06 06 78	0930			.3		28114	6 8	68.	2. L	6.	19.0	7.0	0.5	0.038	0.015
11 07 78	1045			.3		28134	5 8				21.5	7.0	0.8	0.018	0.002
09 08 78	0935			.3		28154	5 8	400.	34.	4.	22.5	6.0	0.2	0.016	0.003
06 09 78	0950			.3		28174	5 8	1000. L	2. L	2. L	20.0	8.0	0.6	0.013	0.002
11 10 78	0950			.3		28194	6	10. L	2. L	2. L	10.0	8.0	0.2	0.017	0.003
07 11 78	0935			.3		28214	6	20.	4. L	2.	8.0	6.0	0.6	0.018	0.003
11 12 78	1025			.3		28234	6	44.	4. L	16.	0.0	11.0	0.2	0.015	0.002
MAXIMUM								1000.	34.	64.	22.5	11.0	0.8	0.038	0.015
AVG OR GEOM MN (*)								78.* D	5.* D	5.* D	9.7	8.8	0.5	0.020	0.004
MINIMUM								10.	2.	2.	0.0	6.0	0.2	0.013	0.002
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78	1140			.3		0.044	0.600	0.003	0.162	0.209	0.556	0.765	132.0	5.4	127
07 02 78	1040			.3		0.044	0.480	0.002	0.018	0.064	0.436	0.500	116.0	1.9	114
01 03 78	1035			.3		0.030	0.450	0.005	0.055	0.090	0.420	0.510	107.0	1.6	105
18 04 78	0800			.3		0.006	0.400	0.003	0.085	0.094	0.394	0.488	100.0	1.6	98
16 05 78	0935			.3		0.014	0.490	0.002	0.005L	0.021	0.476	0.497	112.0	4.6	107
06 06 78	0930			.3		0.060	0.570	0.005	0.035	0.100	0.510	0.610	121.0	3.8	117
11 07 78	1045			.3		0.010	0.420	0.002	0.005	0.017	0.410	0.427	95.0	1.0	94
09 08 78	0935			.3		0.024	0.420	0.002	0.005L	0.031	0.396	0.427	90.0	2.2	94
06 09 78	0950			.3		0.002L	0.580	0.003	0.005L	0.010	0.578	0.588	99.0	1.3	98
11 10 78	0950			.3		0.012	0.400	0.002	0.010	0.024	0.388	0.412	100.0	1.5	98
07 11 78	0935			.3		0.028	0.460	0.002	0.008	0.038	0.432	0.470	109.0	1.9	107
11 12 78	1025			.3		0.016	0.490	0.002	0.073	0.091	0.474	0.565	141.0	0.9	140
MAXIMUM						0.060	0.600	0.005	0.162	0.209	0.578	0.765	141.0	5.4	140
AVG OR GEOM MN (*)						0.024D	0.480	0.003	0.039D	0.066	0.456	0.522	110.2	2.3	108
MINIMUM						0.002	0.400	0.002	0.005	0.010	0.388	0.412	90.0	0.9	94
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1140			.3		196	2.80	6.2
07 02 78	1040			.3		176	2.00	3.5
01 03 78	1035			.3		161	4.10	2.8
18 04 78	0800			.3		150	0.90	3.3
16 05 78	0935			.3		165	1.30	3.6
06 06 78	0930			.3		160	1.70	2.9
11 07 78	1045			.3		144	1.80	2.3
09 08 78	0935			.3		145	0.90	2.2
06 09 78	0950			.3		150	1.10	2.5
11 10 78	0950			.3		150	1.50	2.5
07 11 78	0935			.3		165	1.60	3.9
11 12 78	1025			.3		215	1.30	6.4
MAXIMUM						215	4.10	6.4
AVG OR GEOM MN (*)						165	1.75	3.5
MINIMUM						144	0.90	2.2
NO OF SAMPLES						12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: HIGHWAY 43 MERRICKVILLE
STATION TYPE: RIVER

STATION ID: 18-0033-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 11 LAT: LONG: U T M: 18 0433800.0 4973900.0 4 REGION: 04 MILEAGE: 47.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1515			.3		28009	6	590.	156.	80.	0.0	9.0	0.2	0.027	0.013
06 02 78 1505			.3		28029	6	730.	82.	42.	0.0	10.0	0.6	0.022	0.011
28 02 78 1400			.3		28049	6	1330.	278.	148.	0.0	12.0	0.2	0.030	0.010
17 04 78 1330			.3		28069	6 3	170.	12.	8.	2.0	11.0	0.2	0.023	0.023
15 05 78 1335			.3		28089	6	130.	2.	2. L	15.0	9.0	1.4	0.048	0.003
07 06 78 1330			.3		28109	6 8	90.	2. L	6.	20.0	8.0	1.0	0.067	0.022
10 07 78 1430			.3		28129	5 8	30.	2. L	28.	24.0	6.0	3.0	0.082	0.002
08 08 78 1325			.3		28149	5 8	890.	28.	2. L	23.0	7.0	3.0	0.137	0.001
05 09 78 0830			.3		28169	5 8	80.	2. L	2. L	19.0	7.0	1.4	0.054	0.026
10 10 78 0815			.3		28189	6	10.	2. L	2.	10.0	10.0	0.5	0.028	0.001
06 11 78 0815			.3		28209	6	4. L	2. L	2. L	9.0	11.0	0.4	0.030	0.010
05 12 78 1335			.3		28229	6	316.	2. L	2.	0.0	10.0	0.6	0.023	0.002
MAXIMUM							1330.	278.	148.	24.0	12.0	3.0	0.137	0.026
AVG OR GEOM MN (*)							133.* D	9.* D	8.* D	10.2	9.2	1.0	0.048	0.010
MINIMUM							4.	2.	2.	0.0	6.0	0.2	0.022	0.001
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1515			.3		0.132	0.620	0.002	0.143	0.277	0.488	0.765	201.0	0.1L	201
06 02 78 1505			.3		0.074	0.540	0.005	0.065	0.144	0.466	0.610	186.0	4.8	
28 02 78 1400			.3		0.090	0.660	0.004	0.111	0.205	0.570	0.775	162.0	1.6	
17 04 78 1330			.3		0.028	0.380	0.004	0.215	0.247	0.352	0.599	136.0	3.0	
15 05 78 1335			.3		0.040	0.740	0.002	0.005L	0.047	0.700	0.747	158.0	5.0	
07 06 78 1330			.3		0.048	0.720	0.001	0.005	0.054	0.672	0.726	140.0	3.9	
10 07 78 1430			.3		0.198	1.360	0.020	0.030	0.248	1.162	1.410	121.0	11.0	
08 08 78 1325			.3		0.272	1.970	0.005	0.021	0.298	1.698	1.996	151.0	15.0	
05 09 78 0830			.3		0.070	0.720	0.002	0.005	0.077	0.650	0.727	109.0	2.5	
10 10 78 0815			.3		0.014	1.190	0.002	0.005L	0.021	1.176	1.197	116.0	2.1	
06 11 78 0815			.3		0.026	0.520	0.001	0.004	0.031	0.494	0.525	154.0	4.0	
05 12 78 1335			.3		0.039	0.610	0.004	0.091	0.134	0.571	0.705	178.0	2.0	
MAXIMUM					0.272	1.970	0.020	0.215	0.298	1.698	1.996	201.0	15.0	201
AVG OR GEOM MN (*)					0.086	0.836	0.004	0.058D	0.149	0.750	0.899	151.0	4.6D	201
MINIMUM					0.014	0.380	0.001	0.004	0.021	0.352	0.525	109.0	0.1	201
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1515			.3			309	2.60	7.8
06 02 78 1505			.3		181	279	2.70	5.9
28 02 78 1400			.3		160	246	1.70	5.5
17 04 78 1330			.3		133	205	2.40	4.4
15 05 78 1335			.3		153	235	2.40	5.6
07 06 78 1330			.3		136	210	2.40	5.9
10 07 78 1430			.3		110	170	5.60	6.1
08 08 78 1325			.3		136	210	4.00	8.5
05 09 78 0830			.3		107	165	2.40	5.0
10 10 78 0815			.3		114	175	1.60	5.7
06 11 78 0815			.3		150	230	3.30	7.1
05 12 78 1335			.3		176	270	3.00	8.0
MAXIMUM					181	309	5.60	8.5
AVG OR GEOM MN (*)					141	225	2.84	6.3
MINIMUM					107	165	1.60	4.4
NO OF SAMPLES					11	12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN BLACK RAPIDS
STATION TYPE: RIVER

STATION ID: 18-0033-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 12 LAT: LONG: U T M: 18 0445450.0 5018650.0 4 REGION: 04 MILEAGE: 11.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1115			.3		28003	6	860.	232.	436.	0.0	10.0	0.2	0.060	0.021
06 02 78 1120			.3		28023	6	790.	92.	72.	0.0	11.0	0.2	0.028	0.012
28 02 78 1100			.3		28043	6	610.	152.	52.	0.0	11.0	0.2	0.018	0.008
17 04 78 1000			.3		28063	6 3	1600.	32.	180.	2.0	8.0	0.2	0.064	0.027
15 05 78 1025			.3		28083	6	90.	24.	4.	14.0	8.0	0.5	0.034	0.005
07 06 78 0905			.3		28103	6	10. L	4. L	4. L	19.0	7.0	1.6	0.063	0.017
10 07 78 1110			.3		28123	5 8	12.	12.	8.	24.0	7.0	1.4	0.069	0.007
08 08 78 1010			.3		28143	5 8	100.	4.	36.	23.0	8.0	0.8	0.052	0.009
05 09 78 1125			.3		28163	5 8	100.	4. L	4. L	20.0	8.0	0.6	0.027	0.011
10 10 78 1120			.3		28183	6	140.	4. L	12.	12.0	9.0	0.4	0.036	0.010
06 11 78 1155			.3		28203	6	20.	4. L	4. L	9.0	9.0	0.2	0.035	0.005
05 12 78 1000			.3		28223	6	70.	4.	18.	0.0	6.0	0.8	0.016	0.002
MAXIMUM							1600.	232.	436.	24.0	11.0	1.6	0.069	0.027
AVG OR GEOM MN (*)							125.* D	15.* D	20.* D	10.3	8.5	0.6	0.042	0.011
MINIMUM							10.	4.	4.	0.0	6.0	0.2	0.016	0.002
NO OF SAMPLES							12	12	12	12	12	12	12	12

(C O N T D)

STATION ID: 18-0033-012-02

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN BLACK RAPIDS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 12 LAT: LONG: U T M: 18 0445450.0 5018650.0 4 REGION: 04 MILEAGE: 11.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1115			.3		0.146	0.790	0.005	0.615	0.766	0.644	1.410	277.0	15.0	262
06 02 78 1120			.3		0.060	0.540	0.006	0.169	0.235	0.480	0.715	1138.0	921.0	
28 02 78 1100			.3		0.100	0.560	0.004	0.191	0.295	0.460	0.755	196.0	1.9	
17 04 78 1000			.3		0.060	0.480	0.010	0.855	0.925	0.420	1.345	167.0	17.0	
15 05 78 1025			.3		0.040	0.580	0.004	0.065	0.109	0.540	0.649	193.0	14.0	
07 06 78 0905			.3		0.124	0.830	0.004	0.005	0.133	0.706	0.839	192.0	4.5	
10 07 78 1110			.3		0.042	0.870	0.003	0.005L	0.050	0.828	0.878	157.0	3.8	
08 08 78 1010			.3		0.066	0.770	0.007	0.023	0.096	0.704	0.800	116.0	2.3	
05 09 78 1125			.3		0.058	0.660	0.016	0.020	0.094	0.602	0.696	143.0	0.1L	
10 10 78 1120			.3		0.034	0.750	0.007	0.060	0.101	0.716	0.817	139.0	1.7	
06 11 78 1155			.3		0.038	0.590	0.005	0.065	0.108	0.552	0.660	160.0	7.0	
05 12 78 1000			.3		0.029	0.540	0.002	0.043	0.074	0.511	0.585	181.0	2.0	
MAXIMUM					0.146	0.870	0.016	0.855	0.925	0.828	1.410	1138.0	921.0	262
AVG OR GEOM MN (*)					0.066	0.663	0.006	0.176D	0.249	0.597	0.846	254.9	82.5D	262
MINIMUM					0.029	0.480	0.002	0.005	0.050	0.420	0.585	116.0	0.1	262
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1115			.3			403	7.30	16.5
06 02 78 1120			.3		217	334	3.60	8.2
28 02 78 1100			.3		194	299	2.30	7.2
17 04 78 1000			.3		150	230	10.00	5.9
15 05 78 1025			.3		179	275	2.50	9.0
07 06 78 0905			.3		188	290	2.60	9.2
10 07 78 1110			.3		153	235	2.60	8.5
08 08 78 1010			.3		114	175	1.90	5.6
05 09 78 1125			.3		143	220	0.60	8.8
10 10 78 1120			.3		137	210	2.00	6.8
06 11 78 1155			.3		153	235	4.30	8.5
05 12 78 1000			.3		179	275	2.70	11.5
MAXIMUM					217	403	10.00	16.5
AVG OR GEOM MN (*)					164	265	3.53	8.8
MINIMUM					114	175	0.60	5.6
NO OF SAMPLES					11	12	12	12

STATION ID: 18-0033-016-02

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT TOWNSHIP LINE DOWNSTREAM FROM RICHMOND
STATION TYPE: RIVER FLOW GAUGE FED 02LA007

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 16 LAT: LONG: U T M: 18 0435550.0 5005100.0 4 REGION: 04 MILEAGE: 25.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
09 01 78 1330			.3		28006	4 6	374.00	400.	70.	280.	0.0	3.0	0.2	0.044
06 02 78 1335			.3		28026	4 6	410.00	120.	10.	10. L	0.0	5.0	0.2	0.025
28 02 78 1230			.3		28046	6 4	99.90	30.	20.	32.	0.0	7.0	0.6	0.048
17 04 78 1150			.3		28066	6 3	3140.00	1200.	132.	42.	3.0	7.0	0.4	0.046
15 05 78 1145			.3		28086	6	126.00	3500.	116.	56.	15.0	8.0	0.6	0.036
07 06 78 1100			.3		28106	5 7	24.00	200.	16.	28.	19.0	7.0	0.8	0.039
10 07 78 1310			.3		28126	5 7	4.20	300.	128.	20.	24.0	6.0	1.2	0.064
08 08 78 1215			.3		28146	5 7	3.20	8700.	144.	80.	23.0	17.0	0.4	0.021
05 09 78 1310			.3		28166	5 7	2.90	200.	4. L	4. L	21.0	8.0	0.8	0.043
10 10 78 1255			.3		28186	6	1.50	280.	4.	4.	11.0	8.0	0.5	0.067
06 11 78 1350			.3		28206	6	3.10	19000.	200.	300. G	9.0	7.0	3.8	0.750
05 12 78 1215			.3		28226	6 4	8.50	39000.	100.	190.	0.0	7.0	2.2	0.015
MAXIMUM							3140.00	39000.	200.	300.	24.0	17.0	3.8	0.750
AVG OR GEOM MN (*)							349.78	844.*	41.* D	38.* E	10.4	7.5	1.0	0.100
MINIMUM							1.50	30.	4.	4.	0.0	3.0	0.2	0.015
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
09 01 78 1330			.3		0.015	0.038	0.730	0.005	0.665	0.708	0.692	1.400	288.0	17.0
06 02 78 1335			.3		0.011	0.062	0.730	0.006	0.089	0.157	0.668	0.825	278.0	23.0
28 02 78 1230			.3		0.011	0.110	1.600	0.007	0.183	0.300	1.490	1.790	279.0	4.8
17 04 78 1150			.3		0.012	0.202	0.410	0.004	0.235	0.441	0.208	0.649	168.0	15.0
15 05 78 1145			.3		0.009	0.028	0.750	0.004	0.030	0.062	0.722	0.784	225.0	7.0
07 06 78 1100			.3		0.009	0.038	0.990	0.004	0.015	0.057	0.952	1.009	256.0	3.4
10 07 78 1310			.3		0.021	0.028	0.740	0.007	0.015	0.050	0.712	0.762	313.0	7.7
08 08 78 1215			.3		0.006	0.032	0.500	0.003	0.022	0.057	0.468	0.525	108.0	0.6
05 09 78 1310			.3		0.018	0.046	0.970	0.002	0.005	0.053	0.924	0.977	317.0	6.7
10 10 78 1255			.3		0.019	0.008	0.760	0.003	0.045	0.056	0.752	0.808	276.0	6.1
06 11 78 1350			.3		0.500	0.206	3.400	0.120	0.230	0.556	3.194	3.750	528.0	106.0
05 12 78 1215			.3		0.001	0.045	0.580	0.006	0.159	0.210	0.535	0.745	508.0	109.0
MAXIMUM					0.500	0.206	3.400	0.120	0.665	0.708	3.194	3.750	528.0	109.0
AVG OR GEOM MN (*)					0.053	0.070	1.013	0.014	0.141	0.226	0.943	1.169	295.3	25.5
MINIMUM					0.001	0.008	0.410	0.002	0.005	0.050	0.208	0.525	108.0	0.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	1330			.3		271		436	5.40	19.5
06 02 78	1335			.3			255	393	2.70	8.9
28 02 78	1230			.3			274	422	4.10	11.0
17 04 78	1150			.3			153	235	16.00	5.5
15 05 78	1145			.3			218	335	3.70	9.2
07 06 78	1100			.3			253	390	3.10	11.0
10 07 78	1310			.3		305		445	6.20	26.0
08 08 78	1215			.3			107	165	0.80	4.9
05 09 78	1310			.3		310		450	4.50	34.5
10 10 78	1255			.3			270	415	5.50	29.5
06 11 78	1350			.3		422		710	15.00	76.0
05 12 78	1215			.3		399		650	2.20	62.0
MAXIMUM						422	274	710	16.00	76.0
AVG OR GEOM MN (*)						341	219	421	5.77	24.8
MINIMUM						271	107	165	0.80	4.9
NO OF SAMPLES						5	7	12	12	12

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT QUEEN STREET RICHMOND
STATION TYPE: RIVER

STATION ID: 18-0033-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 17 LAT: LONG: U T M: 18 0434550.0 5004100.0 4 REGION: 04 MILEAGE: 27.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78	1350			.3		28007	4 6	160.	4.	36.	0.0	6.0	0.2	0.050	0.018
06 02 78	1355			.3		28027	4 6	130.	4. L	12.	0.0	5.0	0.8	0.076	0.015
28 02 78	1245			.3		28047	6 4	40.	6.	20.	0.0	7.0	0.4	0.028	0.014
17 04 78	1210			.3		28067	6 3	170.	2.	32.	3.0	7.0	0.2	0.024	0.008
15 05 78	1205			.3		28087	6	1700. L	22.	12.	15.0	8.0	0.6	0.026	0.007
07 06 78	1115			.3		28107	5 8	180.	8.	46.	19.0	7.0	0.8	0.030	0.005
10 07 78	1330			.3		28127	5 8	200.	10.	10.	24.5	7.0	1.2	0.047	0.007
08 08 78	1230			.3		28147	5 8	710.			23.0	7.0	1.4	0.108	0.016
05 09 78	1325			.3		28167	5 8	20. L	2. L	4. L	21.0	8.0	1.0	0.028	0.011
10 10 78	1310			.3		28187	6	92.	4.	18.	11.0	8.0	0.3	0.022	0.003
06 11 78	1200			.3		28207	6	24.	2. L	6.	9.0	7.0	0.8	0.025	0.008
05 12 78	1230			.3		28227	6 4	164.	4.	22.	0.0	9.0			
MAXIMUM								1700.	22.	46.	24.5	9.0	1.4	0.108	0.018
AVG OR GEOM MN (*)								137.* D	5.* D	16.* D	10.5	7.2	0.7	0.042	0.010
MINIMUM								20.	2.	4.	0.0	5.0	0.2	0.022	0.003
NO OF SAMPLES								12	11	11	12	12	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78	1350			.3		0.068	0.740	0.007	0.853	0.928	0.672	1.600	269.0	6.5	263
06 02 78	1355			.3		0.030	0.810	0.007	0.058	0.095	0.780	0.875	277.0	26.0	
28 02 78	1245			.3		0.100	0.880	0.008	0.157	0.265	0.780	1.045	264.0	2.2	
17 04 78	1210			.3		0.016	0.330	0.004	0.150	0.170	0.314	0.484	147.0	3.6	
15 05 78	1205			.3		0.028	0.710	0.003	0.005	0.036	0.682	0.718	197.0	1.8	
07 06 78	1115			.3		0.026	0.930	0.003	0.005	0.034	0.904	0.938	238.0	1.5	
10 07 78	1330			.3		0.034	1.040	0.003	0.005L	0.042	1.006	1.048	223.0	2.5	
08 08 78	1230			.3		0.106	1.100	0.005	0.005	0.116	0.994	1.110	256.0	12.0	
05 09 78	1325			.3		0.068	0.460	0.002	0.005	0.075	0.392	0.467	219.0	0.6	
10 10 78	1310			.3		0.004	0.910	0.003	0.045	0.052	0.906	0.958	268.0	1.2	
06 11 78	1200			.3		0.004	0.810	0.002	0.008	0.014	0.806	0.820	252.0	2.0	
MAXIMUM						0.106	1.100	0.008	0.853	0.928	1.006	1.600	277.0	26.0	263
AVG OR GEOM MN (*)						0.044	0.793	0.004	0.118D	0.166	0.749	0.915	237.3	5.4	263
MINIMUM						0.004	0.330	0.002	0.005	0.014	0.314	0.467	147.0	0.6	263
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78	1350			.3			404	5.70	24.5
06 02 78	1355			.3		251	386	4.60	8.6
28 02 78	1245			.3		262	403	2.40	11.0
17 04 78	1210			.3		143	220	3.10	4.9
15 05 78	1205			.3		195	300	1.50	5.6
07 06 78	1115			.3		237	365	2.20	7.5
10 07 78	1330			.3		221	340	2.20	11.5
08 08 78	1230			.3		244	375	3.30	36.5
05 09 78	1325			.3		218	335	1.30	19.5
10 10 78	1310			.3		267	410	1.70	25.5
06 11 78	1200			.3		250	385	1.90	16.5
MAXIMUM						267	410	5.70	36.5
AVG OR GEOM MN (*)						229	357	2.72	15.6
MINIMUM						143	220	1.30	4.9
NO OF SAMPLES						10	11	11	11

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BURRITT RAPIDS BRIDGE
STATION TYPE: RIVER

STATION ID: 18-0033-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 18 LAT: LONG: U T M: 18 0437075.0 4981100.0 4 REGION: 04 MILEAGE: 42.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1450			.3		28008	6	610.	174.	106.	0.0	10.0	0.2	0.038	0.013
06 02 78 1445			.3		28028	6	890.	140.	46.	0.0	12.0	0.6	0.021	0.012
28 02 78 1330			.3		28048	6	900.	198.	94.	0.0	13.0	0.2	0.031	0.011
17 04 78 1300			.3		28068	6 3	160.	4. L	28.	2.0	11.0	0.2	0.017	0.005
15 05 78 1305			.3		28088	6	200.	2.	2. L	15.0	8.0	0.8	0.048	0.007
07 06 78 1300			.3		28108	6 8		30.	8.	20.0	7.0	0.8	0.066	0.032
10 07 78 1410			.3		28128	5 8	30.	10. L	66.	24.5	7.0	1.8	0.080	0.025
08 08 78 1310			.3		28148	5 8		40.	10.	23.0	7.0	2.2	0.079	0.006
05 09 78 0915			.3		28168	5 8	100. L	4. L	2. L	19.0	7.0	0.2	0.034	0.008
10 10 78 0845			.3		28188	6	4. L	4. L	2.	11.0	9.0	0.2	0.016	0.004
06 11 78 0850			.3		28208	6	4.	2. L	2. L	9.0	10.0	0.6	0.036	0.008
05 12 78 1315			.3		28228	6	136.	2.	12.	0.0	11.0	0.6	0.021	0.001
MAXIMUM							900.	198.	106.	24.5	13.0	2.2	0.080	0.032
AVG OR GEOM MN (*)							100.* D	13.* D	12.* D	10.3	9.3	0.7	0.041	0.011
MINIMUM							4.	2.	2.	0.0	7.0	0.2	0.016	0.001
NO OF SAMPLES							10	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1450			.3		0.124	0.650	0.003	0.192	0.319	0.526	0.845	208.0	2.8	205
06 02 78 1445			.3		0.074	1.650	0.004	0.071	0.149	1.576	1.725	184.0	5.4	
28 02 78 1330			.3		0.092	0.560	0.003	0.127	0.222	0.468	0.690	163.0	1.9	
17 04 78 1300			.3		0.022	0.320	0.004	0.190	0.216	0.298	0.514	139.0	3.0	
15 05 78 1305			.3		0.050	0.650	0.003	0.075	0.128	0.600	0.728	165.0	5.8	
07 06 78 1300			.3		0.062	0.650	0.006	0.015	0.083	0.588	0.671	146.0	3.3	
10 07 78 1410			.3		0.348	1.290	0.035	0.105	0.488	0.942	1.430	117.0	3.3	
08 08 78 1310			.3		0.048	1.130	0.002	0.005L	0.055	1.082	1.137	135.0	7.5	
05 09 78 0915			.3		0.050	0.650	0.005	0.035	0.090	0.600	0.690	112.0	1.6	
10 10 78 0845			.3		0.022	0.460	0.003	0.015	0.040	0.438	0.478	240.0	2.4	
06 11 78 0850			.3		0.036	0.620	0.004	0.031	0.071	0.584	0.655	158.0	5.0	
05 12 78 1315			.3		0.027	0.610	0.004	0.106	0.137	0.583	0.720	185.0	3.0	
MAXIMUM					0.348	1.650	0.035	0.192	0.488	1.576	1.725	240.0	7.5	205
AVG OR GEOM MN (*)					0.080	0.770	0.006	0.081D	0.167	0.690	0.857	162.7	3.8	205
MINIMUM					0.022	0.320	0.002	0.005	0.040	0.298	0.478	112.0	1.6	205
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1450			.3			316	2.90	7.9
06 02 78 1445			.3		179	275	2.90	6.0
28 02 78 1330			.3		161	248	2.20	5.6
17 04 78 1300			.3		136	210	2.30	4.0
15 05 78 1305			.3		159	245	2.70	6.2
07 06 78 1300			.3		143	220	2.50	6.1
10 07 78 1410			.3		114	175	2.30	6.3
08 08 78 1310			.3		127	195	4.40	6.9
05 09 78 0915			.3		110	170	1.80	5.2
10 10 78 0845			.3		238	365	2.00	5.9
06 11 78 0850			.3		153	235	2.60	7.6
05 12 78 1315			.3		182	280	3.00	8.3
MAXIMUM					238	365	4.40	8.3
AVG OR GEOM MN (*)					155	245	2.63	6.3
MINIMUM					110	170	1.80	4.0
NO OF SAMPLES					11	12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE IN RIDEAU FERRY
STATION TYPE: RIVER

STATION ID: 18-0033-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 19 LAT: LONG: U T M: 18 0409850.0 4966400.0 4 REGION: 04 MILEAGE: 69.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1045			.3		28012	4 6	4. L	2. L	2. L	0.0	12.0	0.2	0.019	0.003
07 02 78 0935			.3		28032	4 6	4. L	2. L	2.	0.0	11.0	0.8	0.011	0.004
01 03 78 0940			.3		28052	4 6	4. L	2. L	2. L	0.0	12.0	0.2	0.039	0.004
18 04 78 0710			.3		28072	6 3	2620.	34.	28.	2.0	10.0	1.0	0.027	0.005
16 05 78 0845			.3		28092	6	380.	2. L	2. L	12.0	9.0	0.8	0.034	0.001
06 06 78 0830			.3		28112	5 8	132.	2. L	2. L	19.0	8.0	0.8	0.021	0.004
11 07 78 0920			.3		28132	5 8				22.5	8.0	0.8	0.018	0.018
09 08 78 0845			.3		28152	5 8	100.	2.	2.	22.5	7.0	0.2	0.020	0.003
06 09 78 0855			.3		28172	5 8	30.	2. L	2.	20.0	9.0	1.0	0.015	0.002
11 10 78 0850			.3		28192	5	10. L	2. L	2. L	11.0	9.0	0.4	0.017	0.001L
07 11 78 0835			.3		28212	6	4. L	4. L	2. L	9.0	8.0	0.4	0.015	0.002
11 12 78 0935			.3		28232	6 4	4. L	4. L	4. L	0.0	12.0	0.2	0.017	0.003
MAXIMUM							2620.	34.	28.	22.5	12.0	1.0	0.039	0.018
AVG OR GEOM MN (*)							26.* D	3.* D	3.* D	9.8	9.6	0.6	0.021	0.004D
MINIMUM							4.	2.	2.	0.0	7.0	0.2	0.011	0.001
NO OF SAMPLES							11	11	11	12	12	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78 1045			.3		0.008	0.360	0.001	0.049	0.058	0.352	0.410	154.0	0.9	153
07 02 78 0935			.3		0.014	0.390	0.001	0.034	0.049	0.376	0.425	149.0	1.6	147
01 03 78 0940			.3		0.032	0.500	0.004	0.026	0.062	0.468	0.530	151.0	0.9	150
18 04 78 0710			.3		0.036	0.400	0.006	0.335	0.377	0.364	0.741	108.0	1.4	107
16 05 78 0845			.3		0.026	0.560	0.003	0.010	0.039	0.534	0.573	135.0	8.0	127
06 06 78 0830			.3		0.030	0.480	0.003	0.020	0.053	0.450	0.503	138.0	2.0	136
11 07 78 0920			.3		0.006	0.420	0.001	0.005L	0.012	0.414	0.426	131.0	2.5	129
09 08 78 0845			.3		0.048	0.460	0.002	0.010	0.060	0.412	0.472	132.0	1.5	130
06 09 78 0855			.3		0.020	0.190	0.002	0.005	0.027	0.170	0.197	132.0	2.4	130
11 10 78 0850			.3		0.012	0.480	0.001	0.005	0.018	0.468	0.486	139.0	2.3	137
07 11 78 0835			.3		0.023	0.420	0.002	0.013	0.038	0.397	0.435	141.0	1.1	140
11 12 78 0935			.3		0.014	0.390	0.002	0.098	0.114	0.376	0.490	151.0	1.3	150
MAXIMUM					0.048	0.560	0.006	0.335	0.377	0.534	0.741	154.0	8.0	153
AVG OR GEOM MN (*)					0.022	0.421	0.002	0.051D	0.076	0.398	0.474	138.4	2.2	136
MINIMUM					0.006	0.190	0.001	0.005	0.012	0.170	0.197	108.0	0.9	107
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1045			.3		235	1.20	5.6
07 02 78 0935			.3		226	1.30	4.3
01 03 78 0940			.3		230	2.20	4.7
18 04 78 0710			.3		165	1.30	5.0
16 05 78 0845			.3		195	2.60	4.7
06 06 78 0830			.3		210	1.20	4.4
11 07 78 0920			.3		198	1.60	4.6
09 08 78 0845			.3		200	0.90	4.4
06 09 78 0855			.3		200	1.40	4.7
11 10 78 0850			.3		210	2.30	4.7
07 11 78 0835			.3		215	1.00	4.9
11 12 78 0935			.3		230	1.10	6.0
MAXIMUM					235	2.60	6.0
AVG OR GEOM MN (*)					210	1.51	4.8
MINIMUM					165	0.90	4.3
NO OF SAMPLES					12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT ROCKEY NARROWS RIDEAU LAKE
STATION TYPE: RIVER

STATION ID: 18-0033-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 20 LAT: LONG: U T M: 18 0405050.0 4960350.0 4 REGION: 04 MILEAGE: 74.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78 1610			.3		28019	4 6	4. L	2. L	2. L	0.0	12.0		0.023	0.002
07 02 78 1600			.3		28039	4 6	4.	2. L	2.	0.0	10.0	1.8	0.018	0.006
01 03 78 1545			.3		28059	4 6	4. L	2. L	2. L	0.0	8.0	0.2	0.026	0.015
18 04 78 1300			.3		28079	6 3 4	4. L	2. L	2. L	2.0	10.0	0.4	0.010	0.001L
16 05 78 1430			.3		28099	6	4.	2. L	4. L	11.0	11.0	0.5	0.021	0.001
06 06 78 1445			.3		28119	6	24.	2. L	2. L	20.0	8.0	0.5	0.018	0.004
11 07 78 1545			.3		28139	5 8	4. L	2. L	2.	22.5	9.0	0.6	0.014	0.001L
09 08 78 1440			.3		28159	5 8	20.	2. L	2. L	23.0	8.0	0.2	0.020	0.001
06 09 78 1200			.3		28179	5 8				22.0	8.0	0.5	0.012	0.001
11 10 78 1515			.3		28199	6	30.	4. L	4. L	15.0	9.0	0.5	0.010	0.001L
07 11 78 1420			.3		28219	6	4. L	2. L	2. L	9.0	9.0	0.2	0.011	0.001L
11 12 78 1430			.3		28239	6 4	4. L	2. L	4. L	0.0	11.0	0.2	0.018	0.001
MAXIMUM							30.	4.	4.	23.0	12.0	1.8	0.026	0.015
AVG OR GEOM MN (*)							7.* D	2.* D	2.* D	10.4	9.4	0.5	0.017	0.003D
MINIMUM							4.	2.	2.	0.0	8.0	0.2	0.010	0.001
NO OF SAMPLES							11	11	11	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78 1610			.3		0.014	0.700	0.002	0.073	0.089	0.686	0.775	138.0	0.3	138
07 02 78 1600			.3		0.052	0.540	0.003	0.052	0.107	0.488	0.595	132.0	1.6	130
01 03 78 1545			.3		0.064	0.580	0.006	0.114	0.184	0.516	0.700	140.0	1.2	139
18 04 78 1300			.3		0.020	0.180	0.002	0.180	0.202	0.160	0.362	23.0	0.2	23
16 05 78 1430			.3		0.020	0.420	0.002	0.015	0.037	0.400	0.437	138.0	2.3	136
06 06 78 1445			.3		0.054	0.430	0.001	0.005	0.060	0.376	0.436	139.0	6.4	133
11 07 78 1545			.3		0.002	0.350	0.001	0.005L	0.008	0.348	0.356	132.0	2.2	130
09 08 78 1440			.3		0.014	0.440	0.001	0.005L	0.020	0.426	0.446	137.0	3.8	133
06 09 78 1200			.3		0.004	0.270	0.002	0.005L	0.011	0.266	0.277	135.0	2.1	133
11 10 78 1515			.3		0.004	0.330	0.001	0.005L	0.010	0.326	0.336	139.0	1.7	137
07 11 78 1420			.3		0.016	0.360	0.001	0.004	0.021	0.344	0.365	139.0	1.5	137
11 12 78 1430			.3		0.008	0.480	0.001	0.029	0.038	0.472	0.510	143.0	3.1	140
MAXIMUM					0.064	0.700	0.006	0.180	0.202	0.686	0.775	143.0	6.4	140
AVG OR GEOM MN (*)					0.023	0.423	0.002	0.041D	0.066	0.401	0.466	127.9	2.2	126
MINIMUM					0.002	0.180	0.001	0.004	0.008	0.160	0.277	23.0	0.2	23
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

(CONTD)

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT ROCKEY NARROWS RIDEAU LAKE
STATION TYPE: RIVER

STATION ID: 18-0033-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 20 LAT: LONG: U T M: 18 0405050.0 4960350.0 4 REGION: 04 MILEAGE: 74.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1610			.3		212	0.90	4.5
07 02 78	1600			.3		200	1.80	4.2
01 03 78	1545			.3		214	2.30	4.6
18 04 78	1300			.3		36	0.85	0.6
16 05 78	1430			.3		210	1.20	4.6
06 06 78	1445			.3		205	1.60	4.5
11 07 78	1545			.3		200	1.60	4.5
09 08 78	1440			.3		205	1.50	4.4
06 09 78	1200			.3		205	1.10	4.6
11 10 78	1515			.3		210	1.10	4.6
07 11 78	1420			.3		210	1.10	4.7
11 12 78	1430			.3		215	0.60	4.6
MAXIMUM						215	2.30	4.7
AVG OR GEOM MN (*)						193	1.30	4.2
MINIMUM						36	0.60	0.6
NO OF SAMPLES						12	12	12

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT DAM IN BOLINGBROKE
STATION TYPE: RIVER

STATION ID: 18-0033-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 23 LAT: LONG: U T M: 18 0379700.0 4957200.0 4 REGION: 04 MILEAGE: 94.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1240			.3		28015	6	32.	2. L	2.	0.0	12.0	0.2	0.017	0.001
07 02 78	1150			.3		28035	6	8.	2. L	2. L	0.0	12.0	0.6	0.007	0.001
01 03 78	1130			.3		28055	6	4.	6.	6.	0.0	12.0	0.2	0.013	0.001L
18 04 78	0900			.3		28075	6 3	96.	2. L	2.	2.0	11.0	1.0	0.015	0.001
16 05 78	1045			.3		28095	6	44.	2. L	2. L	13.0	10.0	0.4	0.023	0.021
06 06 78	1045			.3		28115	6	20.	2. L	2.	20.0	8.0	0.4	0.011	0.002
11 07 78	1145			.3		28135	6				22.0	8.0	0.5	0.007	0.001
09 08 78	1045			.3		28155	6	400.	2.	2.	22.5	8.0	0.2	0.016	0.002
06 09 78	1050			.3		28175	6	30.	14.	56.	21.0	8.0	0.5	0.008	0.001
11 10 78	1115			.3		28195	6	10. L	2. L	2. L	13.0	9.0	0.2	0.015	0.004
07 11 78	1040			.3		28215	6	4. L	2. L	4.	9.0	8.0	0.4	0.015	0.004
11 12 78	1135			.3		28235	6	108.	42.	4.	0.0	12.0	0.2	0.015	0.001L
MAXIMUM								400.	42.	56.	22.5	12.0	1.0	0.023	0.021
AVG OR GEOM MN (*)								26.* D	3.* D	3.* D	10.2	9.8	0.4	0.014	0.003D
MINIMUM								4.	2.	2.	0.0	8.0	0.2	0.007	0.001
NO OF SAMPLES								11	11	11	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78	1240			.3		0.024	0.640	0.002	0.005L	0.031	0.616	0.647	97.0	0.7	96
07 02 78	1150			.3		0.030	0.400	0.002	0.013	0.045	0.370	0.415	91.0	0.9	90
01 03 78	1130			.3		0.014	1.060	0.004	0.051	0.069	1.046	1.115	92.0	0.5	92
18 04 78	0900			.3		0.006	0.410	0.002	0.070	0.078	0.404	0.482	85.0	1.7	83
16 05 78	1045			.3		0.072	0.410	0.004	0.020	0.096	0.338	0.434	90.0	2.7	87
06 06 78	1045			.3		0.022	0.420	0.001	0.020	0.043	0.398	0.441	91.0	0.9	90
11 07 78	1145			.3		0.020	0.350	0.002	0.008	0.030	0.330	0.360	86.0	0.3	86
09 08 78	1045			.3		0.030	0.440	0.001	0.005L	0.036	0.410	0.446	89.0	1.4	88
06 09 78	1050			.3		0.020	0.220	0.002	0.010	0.032	0.200	0.232	89.0	0.8	88
11 10 78	1115			.3		0.024	0.410	0.001	0.010	0.035	0.386	0.421	89.0	0.8	88
07 11 78	1040			.3		0.012	0.370	0.001	0.019	0.032	0.358	0.390	91.0	0.6	90
11 12 78	1135			.3		0.008	0.370	0.001	0.014	0.023	0.362	0.385	91.0	0.9	90
MAXIMUM						0.072	1.060	0.004	0.070	0.096	1.046	1.115	97.0	2.7	96
AVG OR GEOM MN (*)						0.024	0.458	0.002	0.020D	0.046	0.435	0.481	90.1	1.0	89
MINIMUM						0.006	0.220	0.001	0.005	0.023	0.200	0.232	85.0	0.3	83
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1240			.3		148	0.85	2.5
07 02 78	1150			.3		139	1.30	2.3
01 03 78	1130			.3		141	1.80	2.5
18 04 78	0900			.3		127	0.70	1.9
16 05 78	1045			.3		134	0.80	2.2
06 06 78	1045			.3		138	0.60	2.3
11 07 78	1145			.3		132	0.85	2.2
09 08 78	1045			.3		135	1.00	2.2
06 09 78	1050			.3		135	0.70	2.5
11 10 78	1115			.3		136	1.00	2.3
07 11 78	1040			.3		139	1.50	2.5
11 12 78	1135			.3		139	0.90	2.3
MAXIMUM						148	1.80	2.5
AVG OR GEOM MN (*)						137	1.00	2.3
MINIMUM						127	0.60	1.9
NO OF SAMPLES						12	12	12

B.O.W./ SITE: CROW LAKE INLET
SAMPLE POINT: COMMUNITY OF CROW LAKE
STATION TYPE: RIVER

STATION ID: 18-0033-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 24 LAT: LONG: U T M: 18 0373000.0 4954250.0 4 REGION: 04 MILEAGE: 99.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1320			.3		28016	6 4	108.	2.	28.	0.0	12.0	0.6	0.017	0.001
07 02 78	1220			.3		28036	6 4	20.	2. L	4.	0.0	13.0	1.0	0.007	0.001
01 03 78	1200			.3		28056	6 4	4.	2. L	2. L	0.0	11.0	0.2	0.009	0.001L
18 04 78	0930			.3		28076	6 3	20.	2. L	4.	2.0	11.0	0.6	0.009	0.002
16 05 78	1130			.3		28096	6	32.	2. L	2.	10.0	10.0	0.4	0.022	0.011
06 06 78	1115			.3		28116	6 8	40.	2. L	2. L	20.0	9.0	0.4	0.010	0.001
11 07 78	1210			.3		28136	6 8	4. L	4. L	2. L	22.5	8.0	0.4	0.004	0.001L
09 08 78	1115			.3		28156	6 8	28.	2. L	2. L	23.0	8.0	0.2	0.026	0.007
06 09 78	1120			.3		28176	6 8	10.	2. L	2. L	21.0	8.0	0.8	0.066	0.001
11 10 78	1145			.3		28196	6	10. L	2. L	2. L	13.0	9.0	0.2	0.011	0.001L
07 11 78	1115			.3		28216	6	4. L	2. L	2. L	9.0	8.0	0.2	0.046	0.002
11 12 78	1200			.3		28236	6 4	84.	2. L	44.	0.0	9.0	0.6	0.015	0.001
MAXIMUM								108.	4.	44.	23.0	13.0	1.0	0.066	0.011
AVG OR GEOM MN (*)								18.* D	2.* D	4.* D	10.0	9.7	0.5	0.020	0.003D
MINIMUM								4.	2.	2.	0.0	8.0	0.2	0.004	0.001
NO OF SAMPLES								12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78	1320			.3		0.042	0.400	0.002	0.113	0.157	0.358	0.515	84.0	0.8	83
07 02 78	1220			.3		0.152	0.590	0.004	0.031	0.187	0.438	0.625	84.0	0.9	83
01 03 78	1200			.3		0.218	0.770	0.007	0.108	0.333	0.552	0.885	96.0	1.6	94
18 04 78	0930			.3		0.014	0.220	0.002	0.065	0.081	0.206	0.287	55.0	0.4	55
16 05 78	1130			.3		0.002	0.330	0.002	0.040	0.044	0.328	0.372	94.0	2.6	91
06 06 78	1115			.3		0.014	0.360	0.001	0.005	0.020	0.346	0.366	91.0	2.7	88
11 07 78	1210			.3		0.002	0.280	0.001	0.005L	0.008	0.278	0.286	87.0	0.6	86
09 08 78	1115			.3		0.068	0.390	0.001	0.005L	0.074	0.322	0.396	94.0	3.6	90
06 09 78	1120			.3		0.006	0.310	0.002	0.005	0.013	0.304	0.317	103.0	12.0	91
11 10 78	1145			.3		0.006	0.330	0.001	0.005L	0.012	0.324	0.336	91.0	0.8	90
07 11 78	1115			.3		0.007	0.600	0.001L	0.005L	0.013	0.593	0.606	95.0	0.1L	95
11 12 78	1200			.3		0.004	0.370	0.003	0.127	0.134	0.366	0.500	95.0	9.0	86
MAXIMUM						0.218	0.770	0.007	0.127	0.333	0.593	0.885	103.0	12.0	95
AVG OR GEOM MN (*)						0.045	0.413	0.002D	0.043D	0.090	0.368	0.458	89.1	2.9D	86
MINIMUM						0.002	0.220	0.001	0.005	0.008	0.206	0.286	55.0	0.1	55
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78	1320			.3		127	1.80	3.2
07 02 78	1220			.3		127	1.80	1.5
01 03 78	1200			.3		144	2.20	1.7
18 04 78	0930			.3		84	0.80	1.4
16 05 78	1130			.3		140	0.80	2.0
06 06 78	1115			.3		136	1.20	1.6
11 07 78	1210			.3		133	0.90	1.6
09 08 78	1115			.3		138	1.60	1.6
06 09 78	1120			.3		140	3.60	1.8
11 10 78	1145			.3		139	1.00	1.6
07 11 78	1115			.3		146	0.70	1.8
11 12 78	1200			.3		133	1.60	2.1
MAXIMUM						146	3.60	3.2
AVG OR GEOM MN (*)						132	1.50	1.8
MINIMUM						84	0.70	1.4
NO OF SAMPLES						12	12	12

B.O.W./ SITE: BOBS LAKE
SAMPLE POINT: END OF ROAD TO TIMMERMANS ISLAND
STATION TYPE: LAKE

STATION ID: 18-0033-025-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 25 LAT: LONG: U T M: 18 0375175.0 4949400.0 4 REGION: 04 MILEAGE: 102.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
10 01 78	1420			.3		28017	4 6	4. L	2. L	2. L	0.0	13.0	0.4	0.011	0.001L
07 02 78	1320			.3		28037	4 6	4. L	2. L	4.	0.0	13.0	1.0	0.016	0.001L
01 03 78	1300			.3		28057	6 4	4. L	2. L	2. L	0.0	11.0	0.2	0.027	0.001L
18 04 78	1030			.3		28077	3 6 4	4. L	2. L	2. L	2.0	8.0	0.8	0.012	0.001L
16 05 78	1230			.3		28097	6	8.	2. L	2. L	12.0	10.0	0.4	0.017	0.002
06 06 78	1345			.3		28117	6	16.	2. L	2. L	20.0	8.0	0.5	0.012	0.002
11 07 78	1330			.3		28137	6	16.	2. L	4.	22.0	8.0	0.5	0.011	0.001L
09 08 78	1225			.3		28157	6	40.	4.	2. L	23.0	7.0	0.2	0.012	0.001
06 09 78	1230			.3		28177	6	10. L	2. L	2. L	22.0	8.0	0.6	0.008	0.003
11 10 78	1235			.3		28197	6	10.	2. L	2. L	13.0	8.0	0.4	0.015	0.001L
07 11 78	1220			.3		28217	6	4. L	2. L	2. L	9.0	9.0	0.2	0.015	0.001
11 12 78	1250			.3		28237	6 4	4. L	2. L	2. L	0.0	11.0	0.2	0.062	0.002
MAXIMUM								40.	4.	4.	23.0	13.0	1.0	0.062	0.003
AVG OR GEOM MN (*)								8.* D	2.* D	2.* D	10.3	9.5	0.5	0.018	0.001D
MINIMUM								4.	2.	2.	0.0	7.0	0.2	0.008	0.001
NO OF SAMPLES								12	12	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: BOBS LAKE
SAMPLE POINT: END OF ROAD TO TIMMERMANS ISLAND
STATION TYPE: LAKE

STATION ID: 18-0033-025-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 25   LAT: LONG: U T M: 18 0375175.0 4949400.0 4   REGION: 04   MILEAGE: 102.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
10 01 78 1420			.3		0.014	1.510	0.001	0.019	0.034	1.496	1.530	95.0	0.6	94
07 02 78 1320			.3		0.028	0.550	0.003	0.012	0.043	0.522	0.565	94.0	1.2	93
01 03 78 1300			.3		0.022	0.600	0.005	0.090	0.117	0.578	0.695	91.0	1.3	90
18 04 78 1030			.3		0.068	0.210	0.001	0.150	0.219	0.142	0.361	7.0	1.3	6
16 05 78 1230			.3		0.006	0.420	0.002	0.010	0.018	0.414	0.432	86.0	2.5	83
06 06 78 1345			.3		0.034	0.420	0.001	0.005	0.040	0.386	0.426	86.0	0.6	85
11 07 78 1330			.3		0.006	0.380	0.001	0.005L	0.012	0.374	0.386	85.0	1.2	84
09 08 78 1225			.3		0.012	0.380	0.001	0.005L	0.018	0.368	0.386	87.0	0.9	86
06 09 78 1230			.3		0.040	0.200	0.005	0.005	0.050	0.160	0.210	88.0	0.6	87
11 10 78 1235			.3		0.030	0.440	0.001	0.005L	0.036	0.410	0.446	89.0	1.4	88
07 11 78 1220			.3		0.007	0.400	0.001L	0.005L	0.013	0.393	0.406	88.0	0.9	87
11 12 78 1250			.3		0.006	0.830	0.001	0.009	0.016	0.824	0.840	93.0	2.2	91
MAXIMUM					0.068	1.510	0.005	0.150	0.219	1.496	1.530	95.0	2.5	94
AVG OR GEOM MN (*)					0.023	0.528	0.002D	0.027D	0.051	0.506	0.557	82.4	1.2	81
MINIMUM					0.006	0.200	0.001	0.005	0.012	0.142	0.210	7.0	0.6	6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
10 01 78 1420			.3		145	1.20	2.6
07 02 78 1320			.3		143	2.10	3.1
01 03 78 1300			.3		138	2.40	3.0
18 04 78 1030			.3		9	0.95	0.2
16 05 78 1230			.3		128	1.00	2.4
06 06 78 1345			.3		131	0.90	2.5
11 07 78 1330			.3		129	1.00	2.4
09 08 78 1225			.3		132	0.60	2.3
06 09 78 1230			.3		134	0.70	2.5
11 10 78 1235			.3		135	1.10	2.4
07 11 78 1220			.3		134	1.10	2.4
11 12 78 1250			.3		140	0.90	2.4
MAXIMUM					145	2.40	3.1
AVG OR GEOM MN (*)					125	1.16	2.3
MINIMUM					9	0.60	0.2
NO OF SAMPLES					12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN KILMARNOCK
STATION TYPE: RIVER

STATION ID: 18-0033-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 26   LAT: LONG: U T M: 18 0426750.0 4970650.0 4   REGION: 04   MILEAGE: 54.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1540			.3		28010	6	780.	204.	72.	0.0	9.0	0.2	0.037	0.017
06 02 78 1525			.3		28030	6	1400.	196.	126.	0.0	12.0	0.6	0.039	0.012
28 02 78 1425			.3		28050	6	6100.	740.	288.	0.0	12.0	0.6	0.039	0.010
17 04 78 1400			.3		28070	6 3	930.	160.	40.	2.0	10.0	0.2	0.040	0.014
15 05 78 1405			.3		28090	6	2800.	72.	4. L	15.0	9.0	1.4	0.049	0.011
07 06 78 1400			.3		28110	5 8	150.	2. L	6.	20.0	7.0	1.0	0.113	0.061
10 07 78 1515			.3		28130	5 8	10.	2. L	2.	24.0	9.0	1.0	0.066	0.029
08 08 78 1415			.3		28150	5 8	310.	14.	8.	23.0	9.0	1.0	0.055	0.018
05 09 78 1420			.3		28170	5 8	10. L	2. L	2.	20.0	9.0	0.6	0.031	0.017
10 10 78 1410			.3		28190	6	20.	2.	2. L	10.0	9.0	0.2	0.025	0.006
06 11 78 1530			.3		28210	6	56.	2. L	2. L	10.0	9.0	0.2	0.037	0.016
05 12 78 1350			.3		28230	6	29000.	158.	62.	0.0	10.0	0.8	0.033	0.012
MAXIMUM							29000.	740.	288.	24.0	12.0	1.4	0.113	0.061
AVG OR GEOM MN (*)							343.* D	23.* D	13.* D	10.3	9.5	0.7	0.047	0.019
MINIMUM							10.	2.	2.	0.0	7.0	0.2	0.025	0.006
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1540			.3		0.152	0.630	0.003	0.152	0.307	0.478	0.785	184.0	1.3	183
06 02 78 1525			.3		0.074	0.620	0.005	0.055	0.134	0.546	0.680	165.0	7.5	
28 02 78 1425			.3		0.076	0.730	0.004	0.096	0.176	0.654	0.830	155.0	4.8	
17 04 78 1400			.3		0.040	0.430	0.005	0.230	0.275	0.390	0.665	126.0	2.4	
15 05 78 1405			.3		0.062	0.690	0.005	0.020	0.087	0.628	0.715	141.0	5.3	
07 06 78 1400			.3		0.096	0.730	0.002	0.005	0.103	0.634	0.737	142.0	2.5	
10 07 78 1515			.3		0.012	0.600	0.002	0.005L	0.019	0.588	0.607	116.0	2.5	
08 08 78 1415			.3		0.040	0.770	0.003	0.022	0.065	0.730	0.795	139.0	2.6	
05 09 78 1420			.3		0.028	0.500	0.002	0.005L	0.035	0.472	0.507	110.0	0.1L	
10 10 78 1410			.3		0.010	0.590	0.002	0.005L	0.017	0.580	0.597	128.0	0.5	
06 11 78 1530			.3		0.026	0.560	0.003	0.022	0.051	0.534	0.585	153.0	3.0	
05 12 78 1350			.3		0.134	0.660	0.007	0.173	0.314	0.526	0.840	177.0	1.0	
MAXIMUM					0.152	0.770	0.007	0.230	0.314	0.730	0.840	184.0	7.5	183
AVG OR GEOM MN (*)					0.063	0.626	0.004	0.066D	0.132	0.563	0.695	144.7	2.8D	183
MINIMUM					0.010	0.430	0.002	0.005	0.017	0.390	0.507	110.0	0.1	183
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1540			.3			282	1.70	7.6
06 02 78 1525			.3		157	241	2.80	5.8
28 02 78 1425			.3		150	230	2.70	5.2
17 04 78 1400			.3		124	190	2.80	4.8
15 05 78 1405			.3		136	210	2.40	5.7
07 06 78 1400			.3		140	215	2.00	6.1
10 07 78 1515			.3		114	175	1.40	5.7
08 08 78 1415			.3		136	210	1.90	8.8
05 09 78 1420			.3		110	170	0.80	5.3
10 10 78 1410			.3		127	195	2.00	6.2
06 11 78 1530			.3		150	230	2.80	7.3
05 12 78 1350			.3		176	270	2.10	9.6
			MAXIMUM		176	282	2.80	9.6
			AVG OR GEOM MN (*)		138	218	2.12	6.5
			MINIMUM		110	170	0.80	4.8
			NO OF SAMPLES		11	12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH JOCK RIVER
STATION TYPE: RIVER

STATION ID: 18-0033-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 28 LAT: LONG: U T M: 18 0444600.0 5012175.0 4 REGION: 04 MILEAGE: 15.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1045			.3		28002	6 4	600.	110.	230.	0.0	10.0	1.2	0.234	0.012
06 02 78 1050			.3		28022	6 4	6000.	800.	700.	0.0	11.0	10.0	3.230	0.023
28 02 78 1045			.3		28042	6 4	500.	180.	30.	0.0	12.0	0.2	0.014	0.008
17 04 78 0935			.3		28062	6 3	1200.	80.	80.	2.0	10.0	0.2	0.061	0.016
15 05 78 1015			.3		28082	6	420.	40.	20.	14.0	8.0	0.8	0.026	0.003
07 06 78 0845			.3		28102	6 8	930.	10. L	20.	19.0	6.0	1.6	0.059	0.008
10 07 78 1045			.3		28122	5 8	100.	10.	20.	24.5	6.0	1.6	0.090	0.034
08 08 78 0945			.3		28142	5 8	100.	4.	16.	23.0	7.0	0.6	0.036	0.010
05 09 78 1115			.3		28162	5 8	100. L	4. L	4. L	20.0	9.0	2.0	0.045	0.023
10 10 78 1105			.3		28182	6	50.	4. L	12.	11.0	9.0	0.2	0.027	0.009
06 11 78 1130			.3		28202	6	30.	2. L	16.	9.0	10.0	0.6	0.043	0.007
05 12 78 0930			.3		28222	6	170.	14.	12.	0.0	11.0	0.4	0.026	0.006
			MAXIMUM				6000.	800.	700.	24.5	12.0	10.0	3.230	0.034
			AVG OR GEOM MN (*)				278.* D	21.* D	30.* D	10.2	9.1	1.6	0.324	0.013
			MINIMUM				30.	2.	4.	0.0	6.0	0.2	0.014	0.003
			NO OF SAMPLES				12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1045			.3		0.072	1.300	0.005	0.425	0.502	1.228	1.730	393.0	137.0	256
06 02 78 1050			.3		0.074	7.450	0.010	0.250	0.334	7.376	7.710	248.0	42.0	
28 02 78 1045			.3		0.100	0.460	0.004	0.181	0.285	0.360	0.645	188.0	2.9	
17 04 78 0935			.3		0.036	0.530	0.007	0.410	0.453	0.494	0.947	165.0	19.0	
15 05 78 1015			.3		0.038	0.570	0.003	0.025	0.066	0.532	0.598	192.0	3.5	
07 06 78 0845			.3		0.110	0.750	0.005	0.010	0.125	0.640	0.765	186.0	4.3	
10 07 78 1045			.3		0.120	0.920	0.027	0.080	0.227	0.800	1.027	156.0	9.8	
08 08 78 0945			.3		0.056	0.940	0.004	0.011	0.071	0.884	0.955	216.0	1.9	
05 09 78 1115			.3		0.068	0.640	0.014	0.050	0.132	0.572	0.704	141.0	1.3	
10 10 78 1105			.3		0.036	0.710	0.004	0.025	0.065	0.674	0.739	129.0	2.4	
06 11 78 1130			.3		0.048	0.660	0.005	0.055	0.108	0.612	0.720	164.0	11.0	
05 12 78 0930			.3		0.039	0.800	0.002	0.043	0.084	0.761	0.845	189.0	4.0	
			MAXIMUM		0.120	7.450	0.027	0.425	0.502	7.376	7.710	393.0	137.0	256
			AVG OR GEOM MN (*)		0.066	1.311	0.008	0.130	0.204	1.244	1.449	197.3	19.9	256
			MINIMUM		0.036	0.460	0.002	0.010	0.065	0.360	0.598	129.0	1.3	256
			NO OF SAMPLES		12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1045			.3			394	46.00	11.5
06 02 78 1050			.3		206	317	150.00	8.2
28 02 78 1045			.3		185	284	2.40	6.5
17 04 78 0935			.3		146	225	8.50	5.4
15 05 78 1015			.3		188	290	2.10	8.7
07 06 78 0845			.3		182	280	2.70	8.4
10 07 78 1045			.3		146	225	5.00	8.6
08 08 78 0945			.3		214	330	1.60	19.5
05 09 78 1115			.3		140	215	2.10	8.0
10 10 78 1105			.3		127	195	2.40	6.0
06 11 78 1130			.3		153	235	5.90	8.4
05 12 78 0930			.3		185	285	4.00	12.0
			MAXIMUM		214	394	150.00	19.5
			AVG OR GEOM MN (*)		170	273	19.39	9.3
			MINIMUM		127	195	1.60	5.4
			NO OF SAMPLES		11	12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM OF KARS
STATION TYPE: RIVER

STATION ID: 18-0033-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 29 LAT: LONG: U T M: 18 0450150.0 5000900.0 4 REGION: 04 MILEAGE: 24.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 0955			.3		28001	6 4	290.	68.	24.	0.0	10.0	0.8	0.033	0.012
06 02 78 0945			.3		28021	6 4	880.	220.	64.	0.0	11.0	0.2	0.030	0.010
28 02 78 0930			.3		28041	6 4	850.	280.	136.	0.0	11.0	0.2	0.022	0.009
17 04 78 0830			.3		28061	6 3	310.	36.	20.	2.0	9.0	0.2	0.029	0.007
15 05 78 0925			.3		28081	6	10. L	4.	4. L	14.0	9.0	1.0	0.035	0.003
07 06 78 0800			.3		28101	5 8	410.	2. L	2.	19.0	7.0	1.8	0.074	0.027
10 07 78 1015			.3		28121	5 8	20.	2. L	2. L	24.0	7.0	2.8	0.082	0.007
08 08 78 0800			.3		28141	5 8	40.	2.	6.	23.0	7.0	0.8	0.054	0.018
05 09 78 1010			.3		28161	5 8	100. L	4.	2.	19.0	7.0	1.0	0.059	0.024
10 10 78 1000			.3		28181	6	30.	4. L	8.	11.0	9.0	0.2	0.040	0.005
06 11 78 1030			.3		28201	6	80.	2. L	2. L	9.0	10.0	0.6	0.028	0.004
05 12 78 0900			.3		28221	6	10. L	40.	2. L	0.0	11.0	0.8	0.027	0.002
MAXIMUM							880.	280.	136.	24.0	11.0	2.8	0.082	0.027
AVG OR GEOM MN (*)							95.* D	12.* D	7.* D	10.1	9.0	0.9	0.043	0.011
MINIMUM							10.	2.	2.	0.0	7.0.	0.2	0.022	0.002
NO OF SAMPLES							12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 0955			.3		0.126	0.680	0.005	0.255	0.386	0.554	0.940	336.0	4.6	331
06 02 78 0945			.3		0.064	0.530	0.005	0.010	0.079	0.466	0.545	201.0	2.0	
28 02 78 0930			.3		0.104	0.560	0.004	0.171	0.279	0.456	0.735	184.0	1.9	
17 04 78 0830			.3		0.040	0.420	0.005	0.295	0.340	0.380	0.720	140.0	6.7	
15 05 78 0925			.3		0.094	0.650	0.002	0.005L	0.101	0.556	0.657	171.0	5.4	
07 06 78 0800			.3		0.118	0.860	0.002	0.010	0.130	0.742	0.872	165.0	3.2	
10 07 78 1015			.3		0.060	1.110	0.003	0.005L	0.068	1.050	1.118	132.0	4.9	
08 08 78 0800			.3		0.034	1.010	0.003	0.005L	0.042	0.976	1.018	284.0	7.6	
05 09 78 1010			.3		0.098	0.850	0.003	0.005	0.106	0.752	0.858	122.0	2.8	119
10 10 78 1000			.3		0.028	0.750	0.002	0.005	0.035	0.722	0.757	123.0	2.5	
06 11 78 1030			.3		0.046	0.600	0.002	0.013	0.061	0.554	0.615	143.0	3.0	
05 12 78 0900			.3		0.019	0.650	0.001	0.004	0.024	0.631	0.655	172.0	0.2	
MAXIMUM					0.126	1.110	0.005	0.295	0.386	1.050	1.118	336.0	7.6	331
AVG OR GEOM MN (*)					0.069	0.723	0.003	0.065D	0.138	0.653	0.791	181.1	3.7	225
MINIMUM					0.019	0.420	0.001	0.004	0.024	0.380	0.545	122.0	0.2	119
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 0955			.3			595	5.50	59.0
06 02 78 0945			.3		199	306	2.20	7.4
28 02 78 0930			.3		182	280	1.90	6.9
17 04 78 0830			.3		133	205	3.60	4.4
15 05 78 0925			.3		166	255	2.50	6.4
07 06 78 0800			.3		162	250	1.90	6.5
10 07 78 1015			.3		127	195	2.50	7.1
08 08 78 0800			.3		276	425	4.30	28.5
05 09 78 1010			.3			640	1.90	6.5
10 10 78 1000			.3		120	185	1.70	53.0
06 11 78 1030			.3		140	215	1.90	7.3
05 12 78 0900			.3		172	265	2.50	9.0
MAXIMUM					276	640	5.50	59.0
AVG OR GEOM MN (*)					168	318	2.70	16.8
MINIMUM					120	185	1.70	4.4
NO OF SAMPLES					10	12	12	12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT HOG'S BACK ROAD OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO: 31 LAT: LONG: U T M: 18 0445400.0 5024150.0 4 REGION: 04 MILEAGE: 7.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1135			.3		28004	6	210.	76.	48.	0.0	9.0	0.2	0.046	0.014
06 02 78 1140			.3		20024	6				0.0	12.0			
			.3		28024	6	740.	140.	124.	0.0	12.0	0.2	0.033	0.012
28 02 78 1120			.3		28044	6	310.	68.	28.	0.0	12.0	0.4	0.033	0.009
17 04 78 1025			.3		28064	6 3	810.	60.	92.	2.0	8.0	0.2	0.062	0.015
15 05 78 1050			.3		28084	6	140.	4.	4. L	14.0	8.0	0.6	0.030	0.002
07 06 78 0930			.3		28104	6	100.	10. L	10. L	19.0	8.0	1.4	0.041	0.008
10 07 78 1140			.3		28124	5 8	60.	4.	10.	24.0	8.0	1.8	0.057	0.002
08 08 78 1045			.3		28144	5 8	100.	4.	8.	23.0	8.0	1.0	0.061	0.009
05 09 78 1145			.3		28164	5 8	290.	4. L	4. L	20.0	8.0	1.2	0.037	0.007
10 10 78 1150			.3		28184	6	230.	24.	4. L	12.0	7.0	0.4	0.034	0.006
06 11 78 1220			.3		28204	6	10.	4. L	8.	10.0	10.0	0.8	0.027	0.004
05 12 78 1100			.3		28224	6	660.	2400.	34.	0.0	9.0	1.6	0.021	0.001
MAXIMUM							810.	2400.	124.	24.0	12.0	1.8	0.062	0.015
AVG OR GEOM MN (*)							183.*	23.* D	16.* D	9.5	9.2	0.8	0.040	0.007
MINIMUM							10.	4.	4.	0.0	7.0	0.2	0.021	0.001
NO OF SAMPLES							12	12	12	13	13	12	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
09 01 78 1135			.3		0.116	0.660	0.004	0.266	0.386	0.544	0.930	269.0	6.2	263
06 02 78 1140			.3		0.060	0.490	0.006	0.159	0.225	0.430	0.655	259.0	46.0	
28 02 78 1120			.3		0.100	0.570	0.003	0.197	0.300	0.470	0.770	196.0	1.9	
17 04 78 1025			.3		0.052	0.590	0.006	0.440	0.498	0.538	1.036	163.0	20.0	
15 05 78 1050			.3		0.038	0.590	0.003	0.005	0.046	0.552	0.598	180.0	4.2	
07 06 78 0930			.3		0.076	0.710	0.002	0.005L	0.083	0.634	0.717	205.0	4.4	
10 07 78 1140			.3		0.056	0.890	0.003	0.005L	0.064	0.834	0.898	172.0	5.6	
08 08 78 1045			.3		0.054	0.770	0.004	0.006	0.064	0.716	0.780	114.0	4.0	
05 09 78 1145			.3		0.090	0.840	0.003	0.005L	0.098	0.750	0.848	149.0	2.8	
10 10 78 1150			.3		0.024	0.740	0.006	0.070	0.100	0.716	0.816	142.0	2.1	
06 11 78 1220			.3		0.014	0.600	0.004	0.081	0.099	0.586	0.685	160.0	4.0	
05 12 78 1100			.3		0.016	0.590	0.003	0.072	0.091	0.574	0.665	210.0	2.0	
MAXIMUM					0.116	0.890	0.006	0.440	0.498	0.834	1.036	269.0	46.0	263
AVG OR GEOM MN (*)					0.058	0.670	0.004	0.1090	0.171	0.612	0.783	184.9	8.6	263
MINIMUM					0.014	0.490	0.002	0.005	0.046	0.430	0.598	114.0	1.9	263
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
09 01 78 1135			.3			405	6.40	20.0
06 02 78 1140			.3		213	327	4.20	8.0
28 02 78 1120			.3		194	299	2.20	7.4
17 04 78 1025			.3		143	220	11.00	5.5
15 05 78 1050			.3		176	270	2.90	8.7
07 06 78 0930			.3		201	310	2.50	11.0
10 07 78 1140			.3		166	255	3.10	10.0
08 08 78 1045			.3		110	170	2.20	5.5
05 09 78 1145			.3		146	225	2.10	9.2
10 10 78 1150			.3		140	215	2.10	8.0
06 11 78 1220			.3		156	240	4.00	8.8
05 12 78 1100			.3		208	320	3.00	26.0
MAXIMUM					213	405	11.00	26.0
AVG OR GEOM MN (*)					168	271	3.81	10.7
MINIMUM					110	170	2.10	5.5
NO OF SAMPLES					11	12	12	12

B.O.W./ SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONCESSION 17 DOWNSTREAM FROM ST. ISIDORE
STATION TYPE: RIVER FLOW GAUGE FED 02LB012

STATION ID: 18-2070-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO: 40 LAT: LONG: U T M: 18 0505850.0 5025275.0 4 REGION: 04 MILEAGE: 30.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
05 12 78 0925			.3		25570	1.30	2900.	570.	330.	2.3	10.0	3.6	0.300	0.240
MAXIMUM						1.30	2900.	570.	330.	2.3	10.0	3.6	0.300	0.240
AVG OR GEOM MN (*)						1.30	2899.*	570.*	330.*	2.3	10.0	3.6	0.300	0.240
MINIMUM						1.30	2900.	570.	330.	2.3	10.0	3.6	0.300	0.240
NO OF SAMPLES						1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
05 12 78 0925			.3		0.388	1.180	0.044	0.906	1.338	0.792	2.130	518.	30.	488
MAXIMUM					0.388	1.180	0.044	0.906	1.338	0.792	2.130	518.	30.	488
AVG OR GEOM MN (*)					0.388	1.180	0.044	0.906	1.338	0.792	2.130	518.	30.	488
MINIMUM					0.388	1.180	0.044	0.906	1.338	0.792	2.130	518.	30.	488
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
05 12 78 0925			.3		760	43.	57.
MAXIMUM					760	43.	57.
AVG OR GEOM MN (*)					760	43.	57.
MINIMUM					760	43.	57.
NO OF SAMPLES					1	1	1

```
B.O.W./ SITE: SCOTCH RIVER EAST                                                                  STATION ID:  18-2070-060-02
SAMPLE POINT: AT CONCESSION 19 UPSTREAM FROM ST. ISIDORE
STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                              006
                                                       TERM STREAM: SOUTH NATION RIVER                                        1170

STN NO:    60     LAT:               LONG:                U T M: 18 0507200.0 5024300.0 4    REGION: 04          MILEAGE:    31.70

                                         934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT    DIST BRG DEPTH            NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE   AMMONIA
                FEET      MTRS                MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

05 12 78 1005                   .3     25571     3000.      420.      690.       1.0      11.8       3.0     0.276     0.200     0.256

                           MAXIMUM               3000.      420.      690.       1.0      11.8       3.0     0.276     0.200     0.256
                AVG OR GEOM MN (*)               2999.*     420.*     690.*      1.0      11.8       3.0     0.276     0.200     0.256
                           MINIMUM               3000.      420.      690.       1.0      11.8       3.0     0.276     0.200     0.256

                  NO OF SAMPLES                      1         1         1         1         1         1         1         1         1

                                          20        21        22        17        18        23         5         6         7        14
SAMP DTE HOUR   STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.     COND.
DY MO YR LMT    DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS       25C
                FEET      MTRS          MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

05 12 78 1005                   .3      1.02     0.018     0.412     0.686     0.764     1.450      471.       19.       452       690

                           MAXIMUM      1.02     0.018     0.412     0.686     0.764     1.450      471.       19.       452       690
                AVG OR GEOM MN (*)      1.02     0.018     0.412     0.686     0.764     1.450      471.       19.       452       690
                           MINIMUM      1.02     0.018     0.412     0.686     0.764     1.450      471.       19.       452       690

                  NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                          16        56
SAMP DTE HOUR   STN  STN SAMP  PJ      TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH      FORMAZIN      MG/L
                FEET      MTRS         UNITS

05 12 78 1005                   .3       25.       31.

                           MAXIMUM       25.       31.
                AVG OR GEOM MN (*)       25.       31.
                           MINIMUM       25.       31.

                  NO OF SAMPLES            1         1
```

```
B.O.W./ SITE: SOUTH NATION RIVER                                                                 STATION ID:  18-2070-100-02
SAMPLE POINT: AT DAM DOWNSTREAM OF CASSELMAN
STATION TYPE: RIVER FLOW GAUGE FED 02LB013             MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                              006
                                                       TERM STREAM: SOUTH NATION RIVER                                        1170

STN NO:   100     LAT:               LONG:                U T M: 18 0492700.0 5018125.0 4    REGION: 04          MILEAGE:    39.00

                                         934       444        80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
                FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

05 12 78 1030                   .3     25572     66.70      200.       10.       10.       4.0       9.4       0.4     0.163     0.130

                           MAXIMUM               66.70      200.       10.       10.       4.0       9.4       0.4     0.163     0.130
                AVG OR GEOM MN (*)               66.70      200.*      10.*      10.*      4.0       9.4       0.4     0.163     0.130
                           MINIMUM               66.70      200.       10.       10.       4.0       9.4       0.4     0.163     0.130

                  NO OF SAMPLES                      1         1         1         1         1         1         1         1         1

                                          19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR   STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT    DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
                FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

05 12 78 1030                   .3     0.074     0.800     0.005     0.065     0.144     0.726     0.870      334.        3.       331

                           MAXIMUM     0.074     0.800     0.005     0.065     0.144     0.726     0.870      334.        3.       331
                AVG OR GEOM MN (*)     0.074     0.800     0.005     0.065     0.144     0.726     0.870      334.        3.       331
                           MINIMUM     0.074     0.800     0.005     0.065     0.144     0.726     0.870      334.        3.       331

                  NO OF SAMPLES            1         1         1         1         1         1         1         1         1         1

                                          14        16        56
SAMP DTE HOUR   STN  STN SAMP  PJ      COND.     TURB.  CHLORIDE
DY MO YR LMT    DIST BRG DEPTH           25C  FORMAZIN      MG/L
                FEET      MTRS         UMHOS     UNITS

05 12 78 1030                   .3       530       5.0      32.5

                           MAXIMUM       530       5.0      32.5
                AVG OR GEOM MN (*)       530       5.0      32.5
                           MINIMUM       530       5.0      32.5

                  NO OF SAMPLES            1         1         1
```

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: AT DAM CHESTERVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02LB009

STATION ID: 18-2070-110-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO: 110 LAT: LONG: U T M: 18 0482150.0 4994000.0 4 REGION: 04 MILEAGE: 58.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
04 12 78 1200			.3		25567	180.	36.	4.	3.0	10.2	0.8	0.042	0.008	0.021
MAXIMUM						180.	36.	4.	3.0	10.2	0.8	0.042	0.008	0.021
AVG OR GEOM MN (*)						180.*	36.*	4.*	3.0	10.2	0.8	0.042	0.008	0.021
MINIMUM						180.	36.	4.	3.0	10.2	0.8	0.042	0.008	0.021
NO OF SAMPLES						1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	14 COND. 25C UMHOS
04 12 78 1200			.3		0.840	0.006	0.109	0.136	0.819	0.955	400.	7.	393	600
MAXIMUM					0.840	0.006	0.109	0.136	0.819	0.955	400.	7.	393	600
AVG OR GEOM MN (*)					0.840	0.006	0.109	0.136	0.819	0.955	400.	7.	393	600
MINIMUM					0.840	0.006	0.109	0.136	0.819	0.955	400.	7.	393	600
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
04 12 78 1200			.3		6.4	35.
MAXIMUM					6.4	35.
AVG OR GEOM MN (*)					6.4	35.
MINIMUM					6.4	35.
NO OF SAMPLES					1	1

B.O.W./ SITE: BEAR BROOK
SAMPLE POINT: AT CARLSBAD SPRING
STATION TYPE: RIVER FLOW GAUGE FED 02LB008

STATION ID: 18-2070-130-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO: 130 LAT: LONG: U T M: 18 0462825.0 5024450.0 4 REGION: 04 MILEAGE: 51.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
05 12 78 1140			.3		25573	23.50	340.	10. L	10.	1.8	8.5	2.0	0.076	0.030
MAXIMUM						23.50	340.	10.	10.	1.8	8.5	2.0	0.076	0.030
AVG OR GEOM MN (*)						23.50	340.*	10.* D	10.*	1.8	8.5	2.0	0.076	0.030
MINIMUM						23.50	340.	10.	10.	1.8	8.5	2.0	0.076	0.030
NO OF SAMPLES						1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
05 12 78 1140			.3		0.126	0.940	0.025	0.385	0.536	0.814	1.350	647.0	8.0	639
MAXIMUM					0.126	0.940	0.025	0.385	0.536	0.814	1.350	647.0	8.0	639
AVG OR GEOM MN (*)					0.126	0.940	0.025	0.385	0.536	0.814	1.350	647.0	8.0	639
MINIMUM					0.126	0.940	0.025	0.385	0.536	0.814	1.350	647.0	8.0	639
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
05 12 78 1140			.3		1050	30.00	192.0	110.0	3.50	7.8	150	7.21	1.800	2.0
MAXIMUM					1050	30.00	192.0	110.0	3.50	7.8	150	7.21	1.800	2.0
AVG OR GEOM MN (*)					1050	30.00	192.0	110.0	3.50	7.8	150	7.21	1.800	2.0
MINIMUM					1050	30.00	192.0	110.0	3.50	7.8	150	7.21	1.800	2.0
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
05 12 78 1140			.3		252.	64.	24.5	86	7.5	125.	81	0.001	2.000	0.020
MAXIMUM					252.	64.	24.5	86	7.5	125.	81	0.001	2.000	0.020
AVG OR GEOM MN (*)					252.	64.	24.5	86	7.5	125.	81	0.001	2.000	0.020
MINIMUM					252.	64.	24.5	86	7.5	125.	81	0.001	2.000	0.020
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

(C O N T D)

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  25 OCT 79  PAGE   644

 B.O.W./ SITE: BEAR BROOK                                                                         STATION ID:  18-2070-130-02
 SAMPLE POINT: AT CARLSBAD SPRING
 STATION TYPE: RIVER   FLOW GAUGE FED 02LB008               MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                 006
                                                            TERM STREAM: SOUTH NATION RIVER                           1170

STN NO:   130    LAT:                LONG:                  U T M: 18 0462825.0 5024450.0 4    REGION: 04           MILEAGE:   51.80

                                           225       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH            COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET       MTRS             MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

05 12 78 1140               .3           0.010L    0.030L    0.005L    0.020     0.220     0.020     0.020L

                      MAXIMUM            0.010     0.030     0.005     0.020     0.220     0.020     0.020
            AVG OR GEOM MN (*)           0.010D    0.030D    0.005D    0.020     0.220     0.020     0.020D
                      MINIMUM            0.010     0.030     0.005     0.020     0.220     0.020     0.020

                NO OF SAMPLES               1         1         1         1         1         1         1


 B.O.W./ SITE: GREEN CREEK                                                                        STATION ID:  18-2590-020-02
 SAMPLE POINT: AT HIGHWAY NO 17
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                 006
                                                            TERM STREAM: GREEN CREEK                                  1570

STN NO:    20    LAT:                LONG:                  U T M: 18 0454800.0 5033600.0 4    REGION: 04           MILEAGE:    2.50

                                          934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH               NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                            MF/100ML  MF/100ML  MF/100ML     DLG C      MG/L      MG/L      MG/L    P MG/L

09 01 78 1230               .3           28005    6         10800.     3900.     1230.       0.0      11.0       1.6     0.236     0.090
06 02 78 1220               .3           28025    4 6        1000.      192.       60.       0.0      10.0       0.8     0.122     0.045
28 02 78 1145               .3           28045    6 4         330.      200.       10.       0.0      10.0       2.0     0.215     0.049
17 04 78 1100               .3           28065    6 3        2100.      120.       80.       4.0      11.0       0.6     0.206     0.085
15 05 78 1120               .3           28085    6          4100.      890.       16.      13.0       8.0       1.8     0.450     0.039
07 06 78 1000               .3           28105    6          2200.      148.       32.      17.0       6.0       2.0     0.114     0.028
10 07 78 1215               .3           28125    6          3100.      432.      118.      22.0      10.0       2.2     0.086     0.003
08 08 78 1115               .3           28145    6         15000.  G  1500.  G   600.  G  22.0       4.0       0.4     0.050     0.013
05 09 78 1225               .3           28165    6          2300.      170.     1000.  L  18.0      16.0       1.0     0.150     0.022
10 10 78 1205               .3           28185    6          9400.     1960.     1220.       9.0       9.0       1.6     0.130     0.017
06 11 78 1300               .3           28205    6          2400.      140.      180.       9.0      10.0       1.2     0.036     0.004
05 12 78 1130               .3           28225    6          4100.      180.      460.       0.0      11.0       1.2     0.066     0.024

                      MAXIMUM                              15000.     3900.     1230.      22.0      16.0       2.2     0.450     0.090
            AVG OR GEOM MN (*)                             3058.* U   391.* U   157.* E    9.5       9.7       1.4     0.155     0.035
                      MINIMUM                                330.      120.       10.       0.0       4.0       0.4     0.036     0.003

                NO OF SAMPLES                                 12        12        12        12        12        12        12        12

                                           19        20        21        22        17        18        23         5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ      FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH          AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS    SOLIDS
               FEET       MTRS            MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

09 01 78 1230               .3           0.184     0.900     0.030     1.230     1.444     0.716     2.160     846.0     150.0       696




06 02 78 1220               .3           0.272     1.120     0.018     0.367     0.657     0.848     1.505     486.0       6.9       479
28 02 78 1145               .3           0.584     2.700     0.008     0.507     1.099     2.116     3.215     878.0      56.0       822
17 04 78 1100               .3           0.102     0.900     0.025     0.625     0.752     0.798     1.550     356.0     197.0
15 05 78 1120               .3           0.094     1.200     0.036     0.275     0.405     1.106     1.511     642.0     117.0       525
07 06 78 1000               .3           0.146     0.880     0.140     0.760     1.046     0.734     1.780     729.0      43.0       686
10 07 78 1215               .3           0.014     0.780     0.025     0.380     0.419     0.766     1.185     624.0      27.0       597
08 08 78 1115               .3           0.030     0.600     0.002     0.005L    0.037     0.570     0.607     111.0       1.2
05 09 78 1225               .3           0.104     0.670     0.016     0.095     0.215     0.566     0.781     345.0      85.0
10 10 78 1205               .3           0.010     1.070     0.012     0.240     0.262     1.000     1.322     806.0      15.3       791
06 11 78 1300               .3           0.006     0.440     0.006     0.039     0.051     0.434     0.485     908.0      32.0       876
05 12 78 1130               .3           0.650     1.320     0.041     0.096     0.787     0.670     1:457    1525.0      14.0      1511

                      MAXIMUM            0.650     2.700     0.140     1.230     1.444     2.116     3.215    1525.0     197.0      1511
            AVG OR GEOM MN (*)           0.183     1.048     0.030     0.385D    0.598     0.865     1.463     688.0      62.0       776
                      MINIMUM            0.006     0.440     0.002     0.005     0.037     0.434     0.485     111.0       1.2       479

                NO OF SAMPLES               12        12        12        12        12        12        12        12        12         9

                                          107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      CALCUL       COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH         D-SOLIDS       25C  FORMAZIN      MG/L
               FEET       MTRS        MG/L         UMHOS     UNITS

09 01 78 1230               .3                      1235    160.00     295.0
06 02 78 1220               .3                       780     24.00     118.0
28 02 78 1145               .3                      1155     44.00     208.0
17 04 78 1100               .3             159       245    160.00      29.5
15 05 78 1120               .3                       770     87.00     115.0
07 06 78 1000               .3                      1010     36.00     163.0
10 07 78 1215               .3                       920     18.00     130.0
08 08 78 1115               .3             110       170      1.00       5.4
05 09 78 1225               .3             260       400     51.00     233.0
10 10 78 1205               .3                      1140     70.00     205.0
06 11 78 1300               .3                      1410     11.00     250.0
05 12 78 1130               .3                      2600     28.00     688.0

                      MAXIMUM              260      2600    160.00     688.0
            AVG OR GEOM MN (*)             176       986     57.50     203.3
                      MINIMUM              110       170      1.00       5.4

                NO OF SAMPLES                3        12        12        12
```

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: AT BRIDGE EAST OF FITZROY HARBOUR
STATION TYPE: RIVER FLOW GAUGE FED 02KF011

STATION ID: 18-3370-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

STN NO: 20 LAT: LONG: U T M: 18 0405350.0 5036100.0 4 REGION: 04 MILEAGE: 1.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
23 01 78	1055			.3		26409	4	84.00	1600.	25.	4.	0.0	7.0	1.0	0.048
20 02 78	1040			.3		26432	2	51.60							
21 03 78	1025			.3		26455	4	91.50	640.	156.	148.	0.0		1.0	0.058
12 04 78	1020			.3		26478	3	1150.00	700.	300.	240.	0.0	6.0	1.0	0.166
17 05 78	1115			.3		26501		79.80	80.	25.	24.	14.0	9.0	1.5	0.034
12 06 78	1030			.3		26524	5 7	9.00	100.	44.	16.	20.0	8.0	2.0	0.052
10 07 78	1140			.3		26547	5	12.30	160.	4. L	44.	23.0	9.0		
14 08 78	1135			.3		26570	5 7	2.50	200.	24.	24.	23.0	5.0	0.5	0.032
12 09 78	1020			.3		26593		2.10	10.	4. L	64.	17.0	8.0	0.6	0.024
17 10 78	1035			.3		26616		2.00	28.	12.	16.	3.0	11.0	0.4	0.020
07 11 78	1130			.3		26639	5	4.40	10. L	4.	12.	6.0	13.0	0.7	0.018
13 12 78	1205			.3		26662	4	8.90	10.	4.	40.	0.0	12.0		
MAXIMUM								1150.00	1600.	300.	240.	23.0	13.0	2.0	0.166
AVG OR GEOM MN (*)								124.84	94.* D	19.* D	31.*	9.6	8.8	1.0	0.050
MINIMUM								2.00	10.	4.	4.	0.0	5.0	0.4	0.018
NO OF SAMPLES								12	11	11	11	11	10	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
23 01 78	1055			.3		0.016	0.070	0.470	0.020	0.360	0.450	0.400	0.850	216.0	10.5
21 03 78	1025			.3		0.008	0.120	0.660	0.012	0.670	0.802	0.540	1.342	415.0	12.0
12 04 78	1020			.3		0.046	0.060	0.760	0.092	0.900	1.052	0.700	1.752	260.0	70.0
17 05 78	1115			.3		0.006	0.040	0.580	0.008	0.030	0.078	0.540	0.618	220.0	5.0L
12 06 78	1030			.3		0.002L	0.020	0.880	0.002L	0.060	0.082	0.860	0.942		8.0
14 08 78	1135			.3		0.012	0.020	0.790	0.002	0.020L	0.042	0.770	0.812		5.0
12 09 78	1020			.3		0.002	0.040	0.560	0.024	0.020	0.084	0.520	0.604		5.0L
17 10 78	1035			.3		0.004	0.020	0.620	0.006	0.250	0.276	0.600	0.876		5.0L
07 11 78	1130			.3		0.004	0.010	0.550	0.002	0.020L	0.032	0.540	0.572	290.0	5.0L
MAXIMUM						0.046	0.120	0.880	0.092	0.900	1.052	0.860	1.752	415.0	70.0
AVG OR GEOM MN (*)						0.011D	0.044	0.652	0.019D	0.259D	0.322	0.608	0.930	280.2	13.9D
MINIMUM						0.002	0.010	0.470	0.002	0.020	0.032	0.400	0.572	216.0	5.0
NO OF SAMPLES						9	9	9	9	9	9	9	9	5	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
23 01 78	1055			.3		206	338	520	6.00	30.0
21 03 78	1025			.3		403	351	540	8.30	41.0
12 04 78	1020			.3		190	195	300	52.00	15.0
17 05 78	1115			.3			293	450	4.10	25.0
12 06 78	1030			.3			289	445	2.80	30.0
14 08 78	1135			.3			254	390	3.60	41.0
12 09 78	1020			.3			247	380	1.90	42.0
17 10 78	1035			.3			305	470	1.90	51.0
07 11 78	1130			.3			340	520	2.00	52.0
MAXIMUM						403	351	540	52.00	52.0
AVG OR GEOM MN (*)						266	290	446	9.18	36.3
MINIMUM						190	195	300	1.90	15.0
NO OF SAMPLES						3	9	9	9	9

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF CARP
STATION TYPE: RIVER

STATION ID: 18-3370-100-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

STN NO: 100 LAT: LONG: U T M: 18 0417300.0 5022300.0 4 REGION: 04 MILEAGE: 16.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L
23 01 78	1200			.3		26411	4	1200.	44.	32.	0.0	7.0
20 02 78	1130			.3		26434	4	2400.	236.	8.	0.0	7.0
21 03 78	1110			.3		26457	4	900.	260.	324.	0.0	
12 04 78	1100			.3		26480	3	900.	248.	168.	0.0	7.0
17 05 78	1205			.3		26503		1500.	312.	32.	15.0	7.0
12 06 78	1110			.3		26526	7 0	1500.	216.	36.	22.0	10.0
10 07 78	1215			.3		26549	7	170.	4. L	48.	24.0	6.0
14 08 78	1210			.3		26572	5 7 9	100.	8.	4. L	23.0	5.0
12 09 78	1100			.3		26595		15000. G	600. G	68.	17.0	6.0
17 10 78	1130			.3		26618		1300.	120.	128.	6.0	11.0
07 11 78	1235			.3		26641		1900.	380.	136.	9.0	10.0
13 12 78	1300			.3		26664		4500.	80.	40.	0.5	9.0
MAXIMUM								15000.	600.	324.	24.0	11.0
AVG OR GEOM MN (*)								1252.* U	110.* E	48.* D	9.7	7.7
MINIMUM								100.	4.	4.	0.0	5.0
NO OF SAMPLES								12	12	12	12	11

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: AT HIGHWAY 17 UPSTREAM OF CARP
STATION TYPE: RIVER

STATION ID: 18-3370-120-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

STN NO: 120 LAT: LONG: U T M: 18 0420450.0 5020950.0 4 REGION: 04 MILEAGE: 18.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L
23 01 78	1150			.3		26412	4	4200.	208.	24.	0.0	7.0
20 02 78	1150			.3		26435	2					
21 03 78	1120			.3		26458		520.	192.	288.	0.0	
12 04 78	1110			.3		26461	3	1100.	308.	220.	0.0	7.0
17 05 78	1220			.3		26504		1200.	268.	28.	15.0	9.0
12 06 78	1125			.3		26527	5 7	3200.	240.	76.	22.0	13.0
10 07 78	1230			.3		26550	7 5	2000.	4.	112.	24.0	7.0
14 08 78	1230			.3		26573	7	15000. G	376.	28.	23.0	7.0
12 09 78	1110			.3		26596		15000. G	600. G	60.	17.0	7.0
17 10 78	1140			.3		26619		1600.	268.	184.	6.0	8.0
07 11 78	1245			.3		26642		2500.	272.	304.	9.0	9.0
13 12 78	1315			.3		26665	4	18000.	208.	184.	0.0	1.0
MAXIMUM								18000.	600.	304.	24.0	13.0
AVG OR GEOM MN (*)								3146.* U	189.* U	96.*	10.5	7.5
MINIMUM								520.	4.	24.	0.0	1.0
NO OF SAMPLES								11	11	11	11	10

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
STATION TYPE: RIVER

STATION ID: 18-3430-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 30 LAT: LONG: U T M: 18 0402000.0 5030500.0 4 REGION: 04 MILEAGE: 2.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
23 01 78	1040			.3		26408		1200.	60.	16.	0.0	5.0	1.0		0.006
20 02 78	1030			.3		26431	4	304.	36.	4.	0.0	10.0	1.0	0.018	0.008
21 03 78	1005			.3		26454	4	364.	100.	28.	0.0		0.5L	0.024	0.008
12 04 78	1005			.3		26477	3	1900.	240.	180.	0.0	10.0	0.5	0.140	0.032
17 05 78	1055			.3		26500		280.	16.	4. L	14.0	9.0	1.0	0.030	0.006
12 06 78	1020			.3		26523		200.	4. L	12.	20.0	10.0	2.0	0.044	0.004
10 07 78	1130			.3		26546		30.	4. L	4.	24.0	7.0			
14 08 78	1125			.3		26569		10. L	4. L	12.	25.0	6.0	0.5L	0.026	0.018
12 09 78	1005			.3		26592		10. L	4. L	4. L	19.0	7.0	0.2L	0.032	0.016
17 10 78	1020			.3		26615		20.	4. L	4.	6.0	8.0	0.2	0.040	0.002
07 11 78	1115			.3		26638		10.	4. L	4.	6.0	11.0	0.5	0.030	0.014
13 12 78	1135			.3		26661		280.	12.	12.	0.0	14.0			
MAXIMUM								1900.	240.	180.	25.0	14.0	2.0	0.140	0.032
AVG OR GEOM MN (*)								107.* D	14.* D	10.* D	9.5	8.8	0.7D	0.043	0.011
MINIMUM								10.	4.	4.	0.0	5.0	0.2	0.018	0.002
NO OF SAMPLES								12	12	12	12	11	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
23 01 78	1040			.3		0.150		0.018	0.060	0.228				15.0L	
20 02 78	1030			.3		0.020	0.300	0.058	0.160	0.238	0.280	0.518	190.0	3.0	187
21 03 78	1005			.3		0.060	0.390	0.006	0.150	0.216	0.330	0.546	190.0	4.0	186
12 04 78	1005			.3		0.080	0.810	0.050	0.500	0.630	0.730	1.360	250.0	70.0	180
17 05 78	1055			.3		0.040	0.540	0.004	0.020L	0.064	0.500	0.564	85.0	5.0L	
12 06 78	1020			.3		0.040	0.680	0.002L	0.080	0.122	0.640	0.762		10.0	
14 08 78	1125			.3		0.020	0.490	0.002	0.020L	0.042	0.470	0.512		5.0	
12 09 78	1005			.3		0.010L	0.380	0.006	0.040	0.056	0.370	0.426		9.0	
17 10 78	1020			.3		0.020	0.440	0.004	0.020L	0.044	0.420	0.464		5.0	
07 11 78	1115			.3		0.030	0.460	0.002	0.020	0.052	0.430	0.482		5.0L	
MAXIMUM						0.150	0.810	0.058	0.500	0.630	0.730	1.360	250.0	70.0	187
AVG OR GEOM MN (*)						0.047D	0.499	0.015D	0.107D	0.169	0.463	0.626	178.8	13.1D	184
MINIMUM						0.010	0.300	0.002	0.020	0.042	0.280	0.426	85.0	3.0	180
NO OF SAMPLES						10	9	10	10	10	9	9	4	10	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
23 01 78	1040			.3		159	245	3.00	6.0	18.0	3.10		102	7.80	0.100
20 02 78	1030			.3		156	240	2.00	6.0			6.0	99	7.50	0.300
21 03 78	1005			.3		156	240	3.10	7.0						
12 04 78	1005			.3		159	245	48.00	8.0						
17 05 78	1055			.3		124	190	3.10	4.0						
12 06 78	1020			.3		133	205	3.80	4.5						
14 08 78	1125			.3		130	200	1.80	4.5						
12 09 78	1005			.3		130	200	2.90	4.8						
17 10 78	1020			.3		137	210	3.70	5.8						
07 11 78	1115			.3		133	205	2.30	5.0						
MAXIMUM						159	245	48.00	8.0	18.0	3.10	6.0	102	7.80	0.300
AVG OR GEOM MN (*)						142	218	7.37	5.6	18.0	3.10	6.0	101	7.65	0.200
MINIMUM						124	190	1.80	4.0	18.0	3.10	6.0	99	7.50	0.100
NO OF SAMPLES						10	10	10	10	1	1	1	2	2	2

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	66 SODIUM NA MG/L	41 COD MG/L
23 01 78	1040			.3		1.0L	118.0	37.00	6.00	15		20L
20 02 78	1030			.3			116.0	37.60	5.30	30	4.40	24
21 03 78	1005			.3							4.40	24
12 04 78	1005			.3							4.40	24
17 05 78	1055			.3							4.40	24
12 06 78	1020			.3							4.40	24
10 07 78	1130			.3							4.40	24
14 08 78	1125			.3							4.40	24
12 09 78	1005			.3							4.40	24
17 10 78	1020			.3							4.40	24
07 11 78	1115			.3							4.40	24
13 12 78	1135			.3							4.40	24
MAXIMUM						1.0	118.0	37.60	6.00	30	4.40	24
AVG OR GEOM MN (*)						1.0D	117.0	37.30	5.65	23	4.40	24D
MINIMUM						1.0	116.0	37.00	5.30	15	4.40	20
NO OF SAMPLES						1	2	2	2	2	11	12

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT DAM BELOW PAKENHAM
STATION TYPE: RIVER

STATION ID: 18-3430-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 34 LAT: LONG: U T M: 18 0399150.0 5020900.0 4 REGION: 04 MILEAGE: 9.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L
23 01 78	1010			.3		26407		600.	142.	36.	0.0	11.0
20 02 78	1005			.3		26430		440.	64.	20.	0.0	10.0
21 03 78	0950			.3		26453		336.	108.	32.	0.0	
12 04 78	0945			.3		26476	3	2100.	376.	200.	0.0	11.0
17 05 78	1035			.3		26499		550.	44.	16.	14.0	8.0
12 06 78	1000			.3		26522		5400.	4. L	4.	21.0	9.0
10 07 78	1115			.3		26545		2100.	4. L	4. L	24.0	9.0
14 08 78	1105			.3		26568		4000.	40.	4. L	25.0	11.0
12 09 78	0945			.3		26591		310.	4. L	4.	19.0	7.0
17 10 78	0955			.3		26614		132.	2. L	4. L	6.0	10.0
07 11 78	1055			.3		26637		130.	4. L	4. L	6.0	12.0
13 12 78	1110			.3		26660		250.	36.	4. L	0.0	15.0
MAXIMUM								5400.	376.	200.	25.0	15.0
AVG OR GEOM MN (*)								655.*	22.* D	10.* D	9.6	10.3
MINIMUM								130.	2.	4.	0.0	7.0
NO OF SAMPLES								12	12	12	12	11

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT CPR BRIDGE PAKENHAM
STATION TYPE: RIVER

STATION ID: 18-3430-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 36 LAT: LONG: U T M: 18 0398950.0 5019750.0 4 REGION: 04 MILEAGE: 10.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L
23 01 78	1000			.3		26406	4	1200.	132.	32.	0.0	10.0
20 02 78	0955			.3		26429	4	800.	4. L	12.	0.0	8.0
21 03 78	0940			.3		26452	4	524.	96.	56.	0.0	
12 04 78	0925			.3		26475	3	1800.	300.	112.	0.0	11.0
17 05 78	1020			.3		26498		500.	68.	56.	14.0	9.0
12 06 78	0930			.3		26521		2600.	2. L	4. L	20.0	9.0
10 07 78	1100			.3		26544		1040.	4. L	16.	24.0	8.0
14 08 78	1055			.3		26567		700.	16.	4.	25.0	9.0
12 09 78	0925			.3		26590		60.	4. L	32.	18.0	7.0
17 10 78	0945			.3		26613		260.	2. L	4. L	6.0	9.0
07 11 78	1020			.3		26636		60.	4. L	4. L	6.0	12.0
13 12 78	1100			.3		26659	4	400.	44.	4. L	0.0	15.0
MAXIMUM								2600.	300.	112.	25.0	15.0
AVG OR GEOM MN (*)								511.*	15.* D	14.* D	9.4	9.7
MINIMUM								60.	2.	4.	0.0	7.0
NO OF SAMPLES								12	12	12	12	11

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: DOWNSTREAM OF ALMONTE
STATION TYPE: RIVER

STATION ID: 18-3430-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 40 LAT: LONG: U T M: 18 0404950.0 5009990.0 4 REGION: 04 MILEAGE: 17.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
23 01 78 0915			.3		26404	4	700.	40.	24.	0.0	7.0	1.0	0.028	0.006
20 02 78 0910			.3		26427	4	140.	4.	8.	0.0	6.0	0.7	0.016	0.006
21 03 78 0900			.3		26450		28.	12.	4.	0.0		0.5L	0.016	0.004
12 04 78 0840			.3		26473	3	1600.	320.	520.	0.0	9.0	0.5	0.044	0.012
17 05 78 0935			.3		26496		1800.	192.	32.	14.0	11.0	1.0	0.022	0.006
12 06 78 0845			.3		26519		4500.	12.	8.	20.0	9.0	2.0	0.032	0.030
10 07 78 1010			.3		26542		3900.	4. L	164.	24.0	9.0			
14 08 78 1000			.3		26565		2000.	132.	36.	25.0	10.0	0.5L	0.022	0.028
12 09 78 0900			.3		26588		3700.	16.	112.	17.0	10.0	0.2L	0.026	0.006
17 10 78 0900			.3		26611		476.	40.	12.	6.0	9.0	0.2	0.012	0.006
07 11 78 0940			.3		26634		720.	64.	88.	6.0	13.0	0.6	0.034	0.004
13 12 78 0950			.3		26657		300.	36.	20.	0.0	15.0			
MAXIMUM							4500.	320.	520.	25.0	15.0	2.0	0.044	0.030
AVG OR GEOM MN (*)							829.*	32.* D	33.*	9.3	9.8	0.7D	0.025	0.011
MINIMUM							28.	4.	4.	0.0	6.0	0.2	0.012	0.004
NO OF SAMPLES							12	12	12	12	11	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
23 01 78 0915			.3		0.050	0.430	0.046	0.110	0.206	0.380	0.586		8.0	
20 02 78 0910			.3		0.020	0.320	0.058	0.160	0.238	0.300	0.538	170.0	4.0	166
21 03 78 0900			.3		0.040	0.350	0.006	0.130	0.176	0.310	0.486	135.0	3.2	132
12 04 78 0840			.3		0.070	0.660	0.016	0.300	0.386	0.590	0.976	180.0	9.0	171
17 05 78 0935			.3		0.050	0.660	0.004	0.020L	0.074	0.610	0.684	80.0	5.0L	
12 06 78 0845			.3		0.020L	0.530	0.002	0.020L	0.042	0.510	0.552		4.0	
14 08 78 1000			.3		0.020	0.460	0.002	0.020L	0.042	0.440	0.482		5.0L	
12 09 78 0900			.3		0.010L	0.440	0.082	0.140	0.232	0.430	0.662		5.0L	
17 10 78 0900			.3		0.030	0.200	0.004	0.020L	0.054	0.170	0.224		5.0L	
07 11 78 0940			.3		0.020	0.470	0.004	0.020	0.044	0.450	0.494		12.0	
MAXIMUM					0.070	0.660	0.082	0.300	0.386	0.610	0.976	180.0	12.0	171
AVG OR GEOM MN (*)					0.033D	0.452	0.022	0.094D	0.149	0.419	0.568	141.3	6.0D	156
MINIMUM					0.010	0.200	0.002	0.020	0.042	0.170	0.224	80.0	3.2	132
NO OF SAMPLES					10	10	10	10	10	10	10	4	10	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
23 01 78 0915			.3		150	230	3.20	6.0
20 02 78 0910			.3		150	230	0.85	6.0
21 03 78 0900			.3		133	205	2.40	5.5
12 04 78 0840			.3		159	245	5.80	7.5
17 05 78 0935			.3		117	180	2.40	3.0
12 06 78 0845			.3		124	190	1.60	4.3
14 08 78 1000			.3		120	185	1.40	3.5
12 09 78 0900			.3		120	185	1.30	3.3
17 10 78 0900			.3		127	195	1.40	3.5
07 11 78 0940			.3		120	185	3.50	3.3
MAXIMUM					159	245	5.80	7.5
AVG OR GEOM MN (*)					132	203	2.39	4.6
MINIMUM					117	180	0.85	3.0
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: UPSTREAM OF ALMONTE
STATION TYPE: RIVER FLOW GAUGE FED 02KF006

STATION ID: 18-3430-050-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 50 LAT: LONG: U T M: 18 0406375.0 5008650.0 4 REGION: 04 MILEAGE: 19.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L
23 01 78 0905			.3		26403	4	1620.00	440.	32.	32.	0.0	7.0
20 02 78 0900			.3		26426	4	1780.00	52.	12.	12.	0.0	6.0
21 03 78 0850			.3		26449	4	1490.00	40.	16.	20.	0.0	
12 04 78 0825			.3		26472	3	3710.00	400.	224.	80.	0.0	10.0
17 05 78 0925			.3		26495		2280.00	380.	4. L	4.	14.0	8.0
12 06 78 0835			.3		26518		501.00	60.	4. L	8.	20.0	9.0
10 07 78 0955			.3		26541		209.00	160.	4. L	120.	24.0	9.0
14 08 78 0935			.3		26564		217.00	100.	8.	4.	25.0	9.0
12 09 78 0825			.3		26587		202.00	330.	32.	32.	16.0	8.0
17 10 78 0850			.3		26610		247.00	4. L	4. L	4. L	6.0	9.0
07 11 78 0930			.3		26633		330.00	10.	4. L	8.	6.0	12.0
13 12 78 0935			.3		26656		578.00	230.	40.	4. L	0.0	15.0
MAXIMUM							3710.00	440.	224.	120.	25.0	15.0
AVG OR GEOM MN (*)							1097.00	93.* D	12.* D	14.* D	9.3	9.3
MINIMUM							202.00	4.	4.	4.	0.0	6.0
NO OF SAMPLES							12	12	12	12	12	11

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: BELOW CARLETON PLACE
STATION TYPE: RIVER

STATION ID: 18-3430-060-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 60   LAT: LONG: U T M: 18 0411400.0 4999950.0 4   REGION: 04   MILEAGE: 28.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
23 01 78 0935			.3		26402	4	8.	4. L	4.	0.0	9.0	0.5L	0.010	0.002
20 02 78 0845			.3		26425	4	4. L	4. L	4. L	0.0	5.0	1.2	0.016	
21 03 78 0830			.3		26448		4.	4. L	4. L	0.0		0.5L	0.014	0.002
12 04 78 0740			.3		26471	3	40.	16.	4. L	0.0	9.0	1.5	0.020	0.004
17 05 78 0905			.3		26494		290.	16.	4. L	13.0	9.0	1.0	0.022	0.008
12 06 78 0815			.3		26517		4200.	44.	76.	20.0	9.0	2.0	0.050	0.002L
10 07 78 0920			.3		26540		770.	4. L	12.	24.0	8.0			
14 08 78 0915			.3		26563		400.	40.	4. L	25.0	6.0	1.0	0.054	0.038
12 09 78 0735			.3		26586		900.	188.	268.	16.0	7.0	0.3	0.020	0.004
17 10 78 0830			.3		26609		324.	12.	24.	6.0	10.0	0.2L	0.014	0.002
07 11 78 0910			.3		26632		10.	4. L	8.	8.0	11.0	0.4	0.012	0.004
13 12 78 0900			.3		26655		10. L	4. L	4. L	1.5	13.0			
MAXIMUM							4200.	188.	268.	25.0	13.0	2.0	0.054	0.038
AVG OR GEOM MN (*)							79.* D	11.* D	10.* D	9.5	8.7	0.90	0.023	0.0070
MINIMUM							4.	4.	4.	0.0	5.0	0.2	0.010	0.002
NO OF SAMPLES							12	12	12	12	11	10	10	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
23 01 78 0935			.3		0.040	0.170	0.004	0.040	0.084	0.130	0.214		7.0	
20 02 78 0845			.3			0.420						165.0	1.0	164
21 03 78 0830			.3		0.030	0.320	0.006	0.110	0.146	0.290	0.436	150.0	1.6	148
12 04 78 0740			.3		0.040	0.440	0.008	0.200	0.248	0.400	0.648	140.0	3.0	137
17 05 78 0905			.3		0.060	0.570	0.008	0.020L	0.088	0.510	0.598	80.0	5.0L	
12 06 78 0815			.3		0.380	0.610	0.002	0.020L	0.402	0.230	0.632		7.0	
14 08 78 0915			.3		0.030	0.470	0.012	0.080	0.122	0.440	0.562		5.0L	
12 09 78 0735			.3		0.030	0.480	0.048	0.080	0.158	0.450	0.608		5.0L	
17 10 78 0830			.3		0.030	0.340	0.004	0.020L	0.054	0.310	0.364		5.0L	
07 11 78 0910			.3		0.080	0.330	0.004	0.020	0.104	0.250	0.354		5.0L	
MAXIMUM					0.380	0.610	0.048	0.200	0.402	0.510	0.648	165.0	7.0	164
AVG OR GEOM MN (*)					0.080	0.415	0.011	0.0660	0.156	0.334	0.491	133.8	4.5D	150
MINIMUM					0.030	0.170	0.002	0.020	0.054	0.130	0.214	80.0	1.0	137
NO OF SAMPLES					9	10	9	9	9	9	9	4	10	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
23 01 78 0935			.3		137	210	1.60	7.0
20 02 78 0845			.3		140	215	0.85	5.0
21 03 78 0830			.3		127	195	1.80	4.0
12 04 78 0740			.3		150	230	2.40	5.0
17 05 78 0905			.3		114	175	1.40	3.0
12 06 78 0815			.3		124	190	1.40	3.8
14 08 78 0915			.3		124	190	1.60	3.5
12 09 78 0735			.3		114	175	0.85	2.8
17 10 78 0830			.3		117	180	1.10	2.8
07 11 78 0910			.3		120	185	1.10	4.8
MAXIMUM					150	230	2.40	7.0
AVG OR GEOM MN (*)					127	195	1.41	4.2
MINIMUM					114	175	0.85	2.8
NO OF SAMPLES					10	10	10	10

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: ABOVE CARLETON PLACE
STATION TYPE: RIVER

STATION ID: 18-3430-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO: 70   LAT: LONG: U T M: 18 0408850.0 4997350.0 4   REGION: 04   MILEAGE: 30.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L
23 01 78 0830			.3		26401	4	24.	4. L	4. L	0.0	9.0
20 02 78 0830			.3		26424	4	8.	4.	4. L	0.0	10.0
21 03 78 0815			.3		26447	4	4. L	4. L	4. L	0.0	
12 04 78 0725			.3		26470	3	2700.	4.	12.	0.0	10.0
17 05 78 0855			.3		26493		30.	4. L	4. L	14.0	8.0
12 06 78 0805			.3		26516		22000.	4. L	28.	20.0	9.0
10 07 78 0905			.3		26539		10.	4. L	4. L	24.0	9.0
14 08 78 0855			.3		26562		10.	8.	4. L	25.0	9.0
12 09 78 0725			.3		26585		30.	4. L	16.	16.0	9.0
17 10 78 0825			.3		26608		4.	4. L	4. L	6.0	9.0
07 11 78 0900			.3		26631		10. L	4. L	4. L	8.0	11.0
13 12 78 0845			.3		26654		10. L	4. L	8.	1.0	12.0
MAXIMUM							22000.	8.	28.	25.0	12.0
AVG OR GEOM MN (*)							33.* D	4.* D	6.* D	9.5	9.5
MINIMUM							4.	4.	4.	0.0	8.0
NO OF SAMPLES							12	12	12	12	11

```
 B.O.W./ SITE: MISSISSIPPI RIVER                                                     STATION ID:  18-3430-185-02
 SAMPLE POINT: AT HIGHWAY 509 NEAR STONE ROAD STATION
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                  MINOR BASIN: OTTAWA RIVER                                 006
                                                  TERM STREAM: MISSISSIPPI RIVER                            2670

STN NO:   185    LAT:              LONG:          U T M: 18 0366850.0 4977550.0 4   REGION: 04       MILEAGE:   73.00

                                        934      901       80         81         84        805        3
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD     TOTAL      FECAL      M.F.      WATER      DISS.
DY MO YR LMT   DIST BRG DEPTH             NO            COLIFORM   COLIFORM    ENTER.     TEMP.        02
               FEET      MTRS                           MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L

24 01 78 0905              .3         26421               4.         4.  L      4.  L      0.0       12.0
21 02 78 0930              .3         26444               4.  L      4.  L      4.  L      0.0       11.0
20 03 78 1300              .3         26467               4.  L      4.  L      4.  L      0.0       11.0
19 04 78 1200              .3         26490     3        40.         4.  L     12.         1.0       10.0
15 05 78 1220              .3         26513                                               14.0        7.0
13 06 78 1220              .3         26536              80.        16.         8.        20.0        7.0
11 07 78 1240              .3         26559              10.         4.  L      4.        23.0        9.0
15 08 78 1200              .3         26582             100.         4.  L      4.  L     26.0        7.0
13 09 78 1240              .3         26605             200.         4.  L      4.  L     18.0        8.0
16 10 78 1345              .3         26628              10.  L      4.  L      4.         9.0        9.0
06 11 78 1215              .3         26651              10.  L      4.  L     16.         9.0       11.0
11 12 78 1445              .3         26674              10.  L      4.  L      4.  L      0.0       10.0

                      MAXIMUM                           200.        16.        16.        26.0       12.0
          AVG OR GEOM MN (*)                             17.* D      5.* D      5.* D    10.0        9.3
                      MINIMUM                             4.         4.         4.         0.0        7.0

                NO OF SAMPLES                              11         11         11         12         12
```

```
 B.O.W./ SITE: MISSISSIPPI RIVER                                                     STATION ID:  18-3430-210-02
 SAMPLE POINT: AT KASHWAKAMAK LAKE OUTLET
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                  MINOR BASIN: OTTAWA RIVER                                 006
                                                  TERM STREAM: MISSISSIPPI RIVER                            2670

STN NO:   210    LAT:              LONG:          U T M: 18 0345300.0 4972625.0 4   REGION: 04       MILEAGE:   91.00

                                        934      901       80         81         84        805        3
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD     TOTAL      FECAL      M.F.      WATER      DISS.
DY MO YR LMT   DIST BRG DEPTH             NO            COLIFORM   COLIFORM    ENTER.     TEMP.        02
               FEET      MTRS                           MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L

24 01 78 1000              .3         26419               4.  L      4.  L      4.  L      0.0       11.0
21 02 78 1040              .3         26442               4.  L      4.  L      4.  L      0.0       12.0
20 03 78 1140              .3         26465               4.  L      4.  L      4.  L      0.0       12.0
19 04 78 1045              .3         26488     3         4.  L      4.  L      4.  L      1.0        9.0
15 05 78 1120              .3         26511              28.         4.  L      4.  L     13.0        8.0
13 06 78 1110              .3         26534              40.         4.  L     12.        20.0        9.0
11 07 78 1115              .3         26557              10.         4.  L      4.  L     23.0        7.0
15 08 78 1055              .3         26580              10.  L      4.  L      4.  L     25.0        7.0
13 09 78 1130              .3         26603              10.  L      4.  L      4.  L     17.0        8.0
16 10 78 1120              .3         26626              10.         4.  L      4.        10.0        8.0
06 11 78 1100              .3         26649              10.  L      4.  L      4.  L      8.0       11.0
11 12 78 1240              .3         26672              10.  L      4.  L      4.         1.0        8.0




                      MAXIMUM                            40.         4.        12.        25.0       12.0
          AVG OR GEOM MN (*)                              9.* D      4.* D      4.* D     9.8        9.2
                      MINIMUM                             4.         4.         4.         0.0        7.0

                NO OF SAMPLES                              12         12         12         12         12
```

```
 B.O.W./ SITE: MISSISSIPI RIVER                                                      STATION ID:  18-3430-230-02
 SAMPLE POINT: AT MAZINAW LAKE OUTLET
 STATION TYPE: RIVER                              MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                  MINOR BASIN: OTTAWA RIVER                                 006
                                                  TERM STREAM: MISSISSIPPI RIVER                            2670

STN NO:   230    LAT:              LONG:          U T M: 18 0328500.0 4968350.0 4   REGION: 04       MILEAGE:  105.20

                                        934      901       80         81         84        805        3
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE      SCD     TOTAL      FECAL      M.F.      WATER      DISS.
DY MO YR LMT   DIST BRG DEPTH             NO            COLIFORM   COLIFORM    ENTER.     TEMP.        02
               FEET      MTRS                           MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L

24 01 78 1100              .3         26417               4.  L      4.  L      4.  L      0.0        9.0
21 02 78 1130              .3         26440               4.  L      4.  L      4.  L      0.0       10.0
20 03 78 1100              .3         26463               4.  L      4.  L      4.  L      0.0       10.0
19 04 78 0945              .3         26486     3         4.  L      4.  L      4.  L      1.0        9.0
15 05 78 1015              .3         26509              12.         4.  L      4.  L     13.0        8.0
13 06 78 1020              .3         26532              80.         4.        24.        18.0        9.0
11 07 78 1030              .3         26555              70.         4.  L      4.        22.0        8.0
15 08 78 1005              .3         26578              10.  L      4.  L      4.  L     25.0        7.0
13 09 78 1040              .3         26601              10.  L      4.  L      4.        17.0        7.0
16 10 78 1045              .3         26624              10.  L      4.  L      4.  L     10.0        9.0
06 11 78 1015              .3         26647              10.  L      4.  L      4.  L      8.0       11.0
11 12 78 1135              .3         26670              10.  L      4.  L      4.  L      1.0       10.0

                      MAXIMUM                            80.         4.        24.        25.0       11.0
          AVG OR GEOM MN (*)                             10.* D      4.* D      5.* D     9.6        8.9
                      MINIMUM                             4.         4.         4.         0.0        7.0

                NO OF SAMPLES                              12         12         12         12         12
 B.O.W./ SITE: MISSISSIPPI RIVER                                                      STATION ID:  18-3430-234-02
 SAMPLE POINT: AT MAZINAW LAKE INLET
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                     MINOR BASIN: OTTAWA RIVER                                       006
                                                     TERM STREAM: MISSISSIPPI RIVER                                  2670

STN NO:    234     LAT:                 LONG:           U T M: 18 0323200.0 4980900.0 4    REGION: 04          MILEAGE:  114.00

                                      934    901        80         81         84       805       3
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE    SCD      TOTAL      FECAL       M.F.      WATER    DISS.
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM   COLIFORM     ENTER.     TEMP.      02
               FEET      MTRS                        MF/100ML   MF/100ML   MF/100ML     DEG C     MG/L

24 01 78 1115              .3        26418                4.         4. L       4. L     0.0     10.0
21 02 78 1145              .3        26441                4.         4. L       4. L     0.0     10.0
20 03 78 1045              .3        26464                4. L       4. L       4. L     0.0     10.0
19 04 78 0930              .3        26487     3         80.         4. L       4. L     1.0      9.0
15 05 78 1030              .3        26510               64.        12.         4. L    13.0      8.0
13 06 78 1005              .3        26533               10.         4.         4.        15.0      9.0
11 07 78 1010              .3        26556               10. L       4. L       4. L    22.0      9.0
15 08 78 0950              .3        26579               10. L       8.         4. L    25.0      8.0
13 09 78 1025              .3        26602               10. L       4. L       4.        17.0      7.0
16 10 78 1020              .3        26625               20.         4. L       4. L    10.0      9.0
06 11 78 1000              .3        26648               10. L       4. L       4. L     7.0     12.0
11 12 78 1115              .3        26671               10. L       4. L       4. L     1.0     12.0

                        MAXIMUM                          80.        12.         4.        25.0     12.0
             AVG OR GEOM MN (*)                          12.* D      5.* D      4.* D    9.3      9.4
                        MINIMUM                           4.         4.         4.       0.0      7.0

                  NO OF SAMPLES                           12         12         12        12       12


 B.O.W./ SITE: INDIAN RIVER                                                           STATION ID:  18-3430-250-02
 SAMPLE POINT: AT CLAYTON LAKE OUTLET
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                     MINOR BASIN: OTTAWA RIVER                                       006
                                                     TERM STREAM: MISSISSIPPI RIVER                                  2670

STN NO:    250     LAT:                 LONG:           U T M: 18 0395800.0 5004850.0 4    REGION: 04          MILEAGE:   24.10

                                      934    901        80         81         84       805       3
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE    SCD      TOTAL      FECAL       M.F.      WATER    DISS.
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM   COLIFORM     ENTER.     TEMP.      02
               FEET      MTRS                        MF/100ML   MF/100ML   MF/100ML     DEG C     MG/L

23 01 78 0935              .3        26405                4.         4. L       4. L     0.0      9.0
20 02 78 0930              .3        26428                4. L      60.         4. L     0.0      8.0
21 03 78 0915              .3        26451                4. L       4. L       4.       0.0
12 04 78 0900              .3        26474     3          4. L       4. L       4. L     0.0      9.0
17 05 78 1005              .3        26497               20.         4. L       4. L    14.0      9.0
12 06 78 0905              .3        26520             1800.         8.        36.      20.0     10.0
10 07 78 1035              .3        26543               20.         4. L       4. L    24.0     10.0
14 08 78 1025              .3        26566               20.         4. L       4.        25.0      9.0
12 09 78 0915              .3        26589              100.         8.        44.      18.0      8.0
17 10 78 0915              .3        26612                4. L       2. L       4. L     6.0      9.0
07 11 78 1000              .3        26635               10. L       4. L       4. L     7.0     13.0
13 12 78 1030              .3        26658     4        100.         4. L       4.       0.0      6.0




                        MAXIMUM                        1800.        60.        44.      25.0     13.0
             AVG OR GEOM MN (*)                          18.* D      5.* D      6.* D    9.5      9.1
                        MINIMUM                           4.         2.         4.       0.0      6.0

                  NO OF SAMPLES                           12         12         12        12       11


 B.O.W./ SITE: CLYDE RIVER                                                            STATION ID:  18-3430-520-02
 SAMPLE POINT: BELOW LANARK
 STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                     MINOR BASIN: OTTAWA RIVER                                       006
                                                     TERM STREAM: MISSISSIPPI RIVER                                  2670

STN NO:    520     LAT:                 LONG:           U T M: 18 0392425.0 4985000.0 4    REGION: 04          MILEAGE:   54.00

                                      934    901        80         81         84       805       3
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE    SCD      TOTAL      FECAL       M.F.      WATER    DISS.
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM   COLIFORM     ENTER.     TEMP.      02
               FEET      MTRS                        MF/100ML   MF/100ML   MF/100ML     DEG C     MG/L

23 01 78 1315              .3        26413     4      12000.        92.        36.       0.0     11.0
20 02 78 1255              .3        26436     4       1800.        92.        20.       0.0     10.0
21 03 78 1225              .3        26459              600.        92.        16.       0.0
12 04 78 1300              .3        26482     3        396.        28.         8.       0.0      9.0
17 05 78 1325              .3        26505             1300.        80.         4. L    14.0      9.0
12 06 78 1250              .3        26528            15000. G     600. G     104.      23.0      9.0
10 07 78 1350              .3        26551            12100.         4. L       8.      25.0      7.0
14 08 78 1340              .3        26574               40.         4. L       4. L    25.0      8.0
12 09 78 1300              .3        26597            15000.       104.       128.      17.0      8.0
17 10 78 1240              .3        26620              600.        20.        16.       9.0      9.0
07 11 78 1345              .3        26643             3600.        72.        36.       7.0     12.0
13 12 78 1500              .3        26666     4       3700.       308.         4.       0.0     11.0

                        MAXIMUM                       15000.       600.       128.      25.0     12.0
             AVG OR GEOM MN (*)                        2059.* U     55.* E     16.* D   10.0      9.4
                        MINIMUM                          40.         4.         4.       0.0      7.0

                  NO OF SAMPLES                           12         12         12        12       11
 B.O.W./ SITE: CLYDE RIVER                                                                    STATION ID:  18-3430-530-02
 SAMPLE POINT: ABOVE LANARK
 STATION TYPE: RIVER    FLOW GAUGE FED 02KF010        MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                     006
                                                      TERM STREAM: MISSISSIPPI RIVER                                2670

STN NO:    530    LAT:             LONG:              U T M: 18 0392500.0 4987000.0 4    REGION: 04        MILEAGE:    56.00

                                    934      901     444        80         81         84        805        3
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD  FLOW CFS    TOTAL      FECAL      M.F.      WATER     DISS.
DY MO YR LMT   DIST BRG DEPTH         NO                     COLIFORM   COLIFORM    ENTER.     TEMP.       02
               FEET      MTRS                                MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L

23 01 78 1300              .3      26414    4        308.00  10000.        80.       28.        0.0       8.0
20 02 78 1245              .3      26437    4        242.00    800.       104.       20.        0.0       8.0
21 03 78 1215              .3      26460    4        200.00    880.        64.       16.        0.0
12 04 78 1310              .3      26483    3        869.00    448.        24.       12.        0.0       9.0
17 05 78 1310              .3      26506             480.00    440.         4.  L     4.       14.0       8.0
12 06 78 1255              .3      26529              49.10   3000.         4.  L    48.       22.0       9.0
10 07 78 1355              .3      26552    7         13.80     10.  L      4.  L     4.  L    25.0       7.0
14 08 78 1350              .3      26575              10.00   6200.       140.        8.       25.0       7.0
12 09 78 1310              .3      26598               2.60     10.  L      4.  L     4.       17.0       7.0
17 10 78 1230              .3      26621               9.50     14.         4.  L     4.  L     9.0       9.0
07 11 78 1325              .3      26644              13.90     10.  L      4.  L     4.  L     8.0      10.0
13 12 78 1450              .3      26667    4         19.50     10.  L      8.        4.  L     0.0       6.0

                      MAXIMUM                        869.00  10000.       140.       48.       25.0      10.0
           AVG OR GEOM MN (*)                        184.78    198.* D     14.* D     9.* D    10.0       8.0
                      MINIMUM                          2.60     10.         4.        4.        0.0       6.0

                   NO OF SAMPLES                         12        12         12        12         12        11


 B.O.W./ SITE: CANONTO LAKE                                                                   STATION ID:  18-3430-572-02
 SAMPLE POINT: AT DAM CANONTO LAKE INLET
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                     006
                                                      TERM STREAM: MISSISSIPPI RIVER                                2670

STN NO:    572    LAT:             LONG:              U T M: 18 0357150.0 4988500.0 4    REGION: 04        MILEAGE:    93.20

                                    934      901      80         81         84        805         3
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD    TOTAL      FECAL      M.F.      WATER      DISS.
DY MO YR LMT   DIST BRG DEPTH         NO           COLIFORM   COLIFORM    ENTER.     TEMP.        02
               FEET      MTRS                      MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L

24 01 78 0930              .3      26420            4.  L      4.  L      4.  L      0.0       10.0
21 02 78 1000              .3      26443            4.  L      4.  L      4.  L      0.0       12.0
20 03 78 1210              .3      26466            4.  L      4.  L      4.  L      0.0       10.0
19 04 78 1110              .3      26489    3       4.         4.  L      4.  L      1.0        9.0
15 05 78 1140              .3      26512            4.  L      4.  L      4.  L     13.0        8.0
13 06 78 1145              .3      26535           70.        12.         8.        20.0        8.0
11 07 78 1155              .3      26558           10.  L      4.  L      4.  L     23.0        9.0
15 08 78 1120              .3      26581           10.  L      4.  L      4.  L     26.0        7.0
13 09 78 1150              .3      26604           10.  L      4.  L      4.  L     18.0        9.0
16 10 78 1240              .3      26627            2.  L      4.  L      4.  L      9.0        8.0
06 11 78 1145              .3      26650           10.  L      4.  L      4.  L      9.5       11.0
11 12 78 1415              .3      26673           10.  L      4.  L      4.  L      0.0        6.0




                      MAXIMUM                      70.        12.         8.        26.0       12.0
           AVG OR GEOM MN (*)                       7.* D      4.* D      4.* D     10.0        8.9
                      MINIMUM                       2.         4.         4.         0.0        6.0

                   NO OF SAMPLES                      12         12         12         12         12


 B.O.W./ SITE: SHARBOT LAKE                                                                   STATION ID:  18-3430-630-02
 SAMPLE POINT: AT HIGHWAY NO 38 SHARBOT LAKE
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                     006
                                                      TERM STREAM: MISSISSIPPI RIVER                                2670

STN NO:    630    LAT:             LONG:              U T M: 18 0366250.0 4958275.0 4    REGION: 04        MILEAGE:    80.10

                                    934      901      80         81         84        805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD    TOTAL      FECAL      M.F.      WATER      DISS.     5-DAY     TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH         NO           COLIFORM   COLIFORM    ENTER.     TEMP.        02       BOD         P   REACTIVE
               FEET      MTRS                      MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L      MG/L      MG/L     P MG/L

24 01 78 1210              .3      26416            4.  L      4.  L      4.  L                          0.5      0.012     0.002
21 02 78 1300              .3      26439            4.  L      4.  L      4.  L      0.0        9.0
20 03 78 0935              .3      26462            4.  L      4.  L      4.  L      0.0        7.0      0.5L     0.014     0.002
19 04 78 0810              .3      26485    3     204.         4.  L      4.  L      1.0        9.0      0.5L     0.018     0.004
15 05 78 0910              .3      26508            4.  L      4.  L      4.        13.0        8.0      1.0
13 06 78 0850              .3      26531           50.        12.        72.        19.0        8.0      2.0      0.022     0.002L
11 07 78 0900              .3      26554          800.         4.  L     24.        23.0        8.0
15 08 78 0830              .3      26577           10.  L      4.  L      4.  L     25.0        9.0      0.5      0.026     0.004
13 09 78 0900              .3      26600           10.         4.  L      4.        17.0        8.0      0.2L     0.016     0.002L
16 10 78 0905              .3      26623           10.  L      4.  L      8.         8.0        9.0      0.2      0.016     0.004
06 11 78 0855              .3      26646           10.  L      4.  L      4.  L      8.0       13.0      0.4      0.010     0.002
11 12 78 0950              .3      26669           10.  L      4.  L      4.  L      1.0       14.0

                      MAXIMUM                     800.        12.        72.        25.0       14.0       2.0      0.026     0.004
           AVG OR GEOM MN (*)                      16.* D      4.* D      6.* D     10.5        9.3       0.6D     0.017     0.003D
                      MINIMUM                       4.         4.         4.         0.0        7.0       0.2      0.010     0.002

                   NO OF SAMPLES                      12         12         12         11         11         9         8         8

                                      19         20        21        22         17        18        23        5         6         7
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N    TOTAL     SUSP.     DISS.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL  NO2-N     NO3-N           N  ORGNC  N            SOLIDS    SOLIDS    SOLIDS
               FEET      MTRS         MG/L       MG/L  MG/L      MG/L         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 01 78 1210              .3        0.030      0.660  0.004     0.020       0.054     0.630     0.684                1.5
20 03 78 0935              .3        0.040      0.420  0.004     0.040       0.084     0.380     0.464     235.0      5.0       230
19 04 78 0810              .3        0.05       0.40   0.004     0.10        0.154     0.350     0.504                4.
15 05 78 0910              .3                                                                              188.0      5.0       183
13 06 78 0850              .3        0.020      0.680  0.002     0.020L      0.042     0.660     0.702                5.0
15 08 78 0830              .3        0.020      0.530  0.002     0.020L      0.042     0.510     0.552                5.0L
13 09 78 0900              .3        0.020      0.380  0.008     0.020L      0.048     0.360     0.408                5.0L
16 10 78 0905              .3        0.030      0.380  0.004     0.020L      0.054     0.350     0.404               57.0L
06 11 78 0855              .3        0.020      0.360  0.004     0.020       0.044     0.340     0.384                5.0L

                      MAXIMUM        0.05       0.680  0.008     0.10        0.154     0.660     0.702     235.0     57.0       230
           AVG OR GEOM MN (*)        0.029      0.476  0.004     0.033D      0.065     0.448     0.513     211.5     10.3D      207
                      MINIMUM        0.020      0.360  0.002     0.020       0.042     0.340     0.384     188.0      1.5       183

                   NO OF SAMPLES         8          8      8         8           8         8         8         2         9         2

                                                                                                                    ( C O N T D )
 B.O.W./ SITE: SHARBOT LAKE                                                                  STATION ID:  18-3430-630-02
 SAMPLE POINT: AT HIGHWAY NO 38 SHARBOT LAKE
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                      006
                                                       TERM STREAM: MISSISSIPPI RIVER                                 2670

STN NO:   630    LAT:             LONG:                U T M: 18 0366250.0 4958275.0 4   REGION: 04         MILEAGE:   80.10

                                        107        14        16        56
SAMP DTE HOUR  STN  STN SAMP  PJ     CALCUL     COND.     TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH        D-SOLIDS    25C  FORMAZIN      MG/L
               FEET       MTRS       MG/L       UMHOS     UNITS

24 01 78 1210               .3          143       220      1.10       9.0
20 03 78 0935               .3          143       220      1.60       7.0
19 04 78 0810               .3          127       195      0.72       6.5
15 05 78 0910               .3          140       215      0.85       7.5
13 06 78 0850               .3          137       210      1.60       8.5
15 08 78 0830               .3          120       185      0.75       8.0
13 09 78 0900               .3          133       205      1.00       7.5
16 10 78 0905               .3          137       210      1.00       8.3
06 11 78 0855               .3          133       205      0.75       8.3

                       MAXIMUM          143       220      1.60       9.0
          AVG OR GEOM MN (*)            135       207      1.04       7.8
                       MINIMUM          120       185      0.72       6.5

               NO OF SAMPLES              9         9         9         9


 B.O.W./ SITE: MADAWASKA RIVER                                                               STATION ID:  18-3490-020-02
 SAMPLE POINT: HIGHWAY 17 BRIDGE ANPRIOR
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                      006
                                                       TERM STREAM: MADAWASKA RIVER                                   2710

STN NO:    20    LAT:             LONG:                U T M: 18 0394350.0 5031850.0 4   REGION: 04         MILEAGE:    0.70

                                        934        80        81        84       805         3         1        33        34        19
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO  COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE  AMMONIA
               FEET       MTRS              MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L      MG/L

06 12 78 1000               .3        25575     10.       4.  L     4.  L     3.0      12.4       0.2     0.012     0.003     0.020

                       MAXIMUM                  10.       4.        4.        3.0      12.4       0.2     0.012     0.003     0.020
          AVG OR GEOM MN (*)                    10.*      4.* D     4.* D     3.0      12.4       0.2     0.012     0.003     0.020
                       MINIMUM                  10.       4.        4.        3.0      12.4       0.2     0.012     0.003     0.020

               NO OF SAMPLES                      1         1         1         1         1         1         1         1         1

                                         20        21        22        17        18        23         5         6       107        14
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL     COND.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS       25C
               FEET       MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L         UMHOS

06 12 78 1000               .3        0.290     0.002     0.028     0.050     0.270     0.320      70.0       2.0        68       104




                       MAXIMUM        0.290     0.002     0.028     0.050     0.270     0.320      70.0       2.0        68       104
          AVG OR GEOM MN (*)          0.290     0.002     0.028     0.050     0.270     0.320      70.0       2.0        68       104
                       MINIMUM        0.290     0.002     0.028     0.050     0.270     0.320      70.0       2.0        68       104

               NO OF SAMPLES              1         1         1         1         1         1         1         1         1         1

                                         16        56        59       280        95        52        55       208        25        76
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS    CALCUL
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON            HARDNESS
               FEET       MTRS        UNITS                MG/L  SI MG/L       MG/L      MG/L                MG/L      UG/L      MG/L

06 12 78 1000               .3         3.40       1.9      11.0      1.65       2.0        40      7.19     0.200       5.0      48.0

                       MAXIMUM         3.40       1.9      11.0      1.65       2.0        40      7.19     0.200       5.0      48.0
          AVG OR GEOM MN (*)           3.40       1.9      11.0      1.65       2.0        40      7.19     0.200       5.0      48.0
                       MINIMUM         3.40       1.9      11.0      1.65       2.0        40      7.19     0.200       5.0      48.0

               NO OF SAMPLES              1         1         1         1         1         1         1         1         1         1

                                         72        74        68        67        66        41       265       203       221       225
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH       CALCIUM    NESIUM     HAZEN         K        NA               ARSENIC  ALUMINUM  CHROMIUM    COPPER
               FEET       MTRS         MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

06 12 78 1000               .3        14.40      2.90        22      1.00      2.10         B    0.001L     0.140    0.020L    0.020L

                       MAXIMUM        14.40      2.90        22      1.00      2.10         B    0.001      0.140    0.020     0.020
          AVG OR GEOM MN (*)          14.40      2.90        22      1.00      2.10         B    0.001D     0.140    0.020D    0.020D
                       MINIMUM        14.40      2.90        22      1.00      2.10         B    0.001      0.140    0.020     0.020

               NO OF SAMPLES              1         1         1         1         1         1         1         1         1         1

                                        229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH          LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET       MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

06 12 78 1000               .3       0.030L    0.005L    0.010L    0.014     0.020L    0.020L

                       MAXIMUM       0.030     0.005     0.010     0.014     0.020     0.020
          AVG OR GEOM MN (*)         0.030D    0.005D    0.010D    0.014     0.020D    0.020D
                       MINIMUM       0.030     0.005     0.010     0.014     0.020     0.020

               NO OF SAMPLES              1         1         1         1         1         1
```

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  25 OCT 79  PAGE   655

 B.O.W./ SITE: BONNECHERE RIVER
 SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD                                     STATION ID:  18-3690-010-02
 STATION TYPE: RIVER    FLOW GAUGE FED 02KC009          MAJOR BASIN: GREAT LAKES
                                                        MINOR BASIN: OTTAWA RIVER                          STORET CODE: 02
                                                        TERM STREAM: BONNECHERE RIVER                                   006
                                                                                                                        2905
STN NO:     10     LAT:                 LONG:           U T M: 18 0378400.0 5041075.0 4    REGION: 04        MILEAGE:     0.50

                                        934       444        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L
06 12 78 1025              .3         25576    410.00  88000.    4300.     600.   G     1.5      13.2       0.4     0.032     0.017

                      MAXIMUM                  410.00  88000.    4300.     600.         1.5      13.2       0.4     0.032     0.017
             AVG OR GEOM MN (*)                410.00  87992.*   4298.*    600.*  U     1.5      13.2       0.4     0.032     0.017
                      MINIMUM                  410.00  88000.    4300.     600.         1.5      13.2       0.4     0.032     0.017

                NO OF SAMPLES                       1         1         1         1         1         1         1         1         1

                                         19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L
06 12 78 1025              .3         0.088     0.480     0.004     0.071     0.163     0.392     0.555     101.0       4.0        97

                      MAXIMUM         0.088     0.480     0.004     0.071     0.163     0.392     0.555     101.0       4.0        97
             AVG OR GEOM MN (*)       0.088     0.480     0.004     0.071     0.163     0.392     0.555     101.0       4.0        97
                      MINIMUM         0.088     0.480     0.004     0.071     0.163     0.392     0.555     101.0       4.0        97

                NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

                                         14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH           25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L      UG/L
06 12 78 1025              .3           149      4.00       3.6      15.5      3.15       2.2        56      7.47     0.230      1.0L

                      MAXIMUM           149      4.00       3.6      15.5      3.15       2.2        56      7.47     0.230      1.0
             AVG OR GEOM MN (*)         149      4.00       3.6      15.5      3.15       2.2        56      7.47     0.230      1.0D
                      MINIMUM           149      4.00       3.6      15.5      3.15       2.2        56      7.47     0.230      1.0

                NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

                                         76        72        74        68        67        66        41       265       203       221
SAMP DTE HOUR  STN  STN SAMP  PJ     CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH      HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA             ARSENIC  ALUMINUM  CHROMIUM
               FEET      MTRS          MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L
06 12 78 1025              .3          68.0     18.80      5.00        20      1.45      3.40        33     0.004     0.070    0.020L

                      MAXIMUM          68.0     18.80      5.00        20      1.45      3.40        33     0.004     0.070     0.020
             AVG OR GEOM MN (*)        68.0     18.80      5.00        20      1.45      3.40        33     0.004     0.070    0.020D
                      MINIMUM          68.0     18.80      5.00        20      1.45      3.40        33     0.004     0.070     0.020

                NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1



                                        225       229       215       249       201       238       217
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH        COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL    COBALT
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L
06 12 78 1025              .3        0.020L    0.030L    0.005L    0.010L     0.014    0.020L    0.020L

                      MAXIMUM         0.020     0.030     0.005     0.010     0.014     0.020     0.020
             AVG OR GEOM MN (*)      0.020D    0.030D    0.005D    0.010D     0.014    0.020D    0.020D
                      MINIMUM         0.020     0.030     0.005     0.010     0.014     0.020     0.020

                NO OF SAMPLES             1         1         1         1         1         1         1

 B.O.W./ SITE: PETAWAWA RIVER
 SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA                                                   STATION ID:  18-4930-020-02
 STATION TYPE: RIVER    FLOW GAUGE FED 02KB001          MAJOR BASIN: GREAT LAKES
                                                        MINOR BASIN: OTTAWA RIVER                          STORET CODE: 02
                                                        TERM STREAM: PETAWAWA RIVER                                     006
                                                                                                                        4350
STN NO:     20     LAT:                 LONG:           U T M: 18 0322700.0 5085650.0 4    REGION: 04        MILEAGE:     1.80

                                        934       444        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET      MTRS                          MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L
06 12 78 1300              .3         25578    890.00  84.          4.  L  12.          2.0      13.2       2.0     0.012     0.002

                      MAXIMUM                  890.00  84.          4.     12.          2.0      13.2       2.0     0.012     0.002
             AVG OR GEOM MN (*)                890.00  84.*         4.* D  12.*         2.0      13.2       2.0     0.012     0.002
                      MINIMUM                  890.00  84.          4.     12.          2.0      13.2       2.0     0.012     0.002

                NO OF SAMPLES                       1         1         1         1         1         1         1         1         1

                                         19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET      MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L
06 12 78 1300              .3         0.006     0.310     0.002     0.078     0.086     0.304     0.390      39.0       0.8        38

                      MAXIMUM         0.006     0.310     0.002     0.078     0.086     0.304     0.390      39.0       0.8        38
             AVG OR GEOM MN (*)       0.006     0.310     0.002     0.078     0.086     0.304     0.390      39.0       0.8        38
                      MINIMUM         0.006     0.310     0.002     0.078     0.086     0.304     0.390      39.0       0.8        38

                NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

                                         14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH           25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET      MTRS         UMHOS     UNITS                MG/L   SI MG/L      MG/L      MG/L                MG/L      UG/L
06 12 78 1300              .3            58      1.00       0.6      11.0      2.50       1.7        12      7.96     0.150      1.0L

                      MAXIMUM            58      1.00       0.6      11.0      2.50       1.7        12      7.96     0.150      1.0
             AVG OR GEOM MN (*)          58      1.00       0.6      11.0      2.50       1.7        12      7.96     0.150      1.0D
                      MINIMUM            58      1.00       0.6      11.0      2.50       1.7        12      7.96     0.150      1.0

                NO OF SAMPLES             1         1         1         1         1         1         1         1         1         1

                                                                                                                ( C O N T D )
```

B.O.W./ SITE: PETAWAWA RIVER
SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
STATION TYPE: RIVER FLOW GAUGE FED 02KB001

STATION ID: 18-4930-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: PETAWAWA RIVER

STORET CODE: 02
006
4350

STN NO: 20 LAT: LONG: U T M: 18 0322700.0 5085650.0 4 REGION: 04 MILEAGE: 1.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
06 12 78 1300			.3		20.0	4.80	1.85	27	0.75	1.70	24	0.001	0.050L	0.020L
MAXIMUM					20.0	4.80	1.85	27	0.75	1.70	24	0.001	0.050	0.020
AVG OR GEOM MN (*)					20.0	4.80	1.85	27	0.75	1.70	24	0.001	0.050D	0.020D
MINIMUM					20.0	4.80	1.85	27	0.75	1.70	24	0.001	0.050	0.020
NO OF SAMPLES					1	1	1	1	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
06 12 78 1300			.3		0.005L	0.030L	0.005L	0.010	0.011	0.020L	0.020L
MAXIMUM					0.005	0.030	0.005	0.010	0.011	0.020	0.020
AVG OR GEOM MN (*)					0.005D	0.030D	0.005D	0.010	0.011	0.020D	0.020D
MINIMUM					0.005	0.030	0.005	0.010	0.011	0.020	0.020
NO OF SAMPLES					1	1	1	1	1	1	1

B.O.W./ SITE: MATTAWA RIVER
SAMPLE POINT: HIGHWAY 533 BRIDGE MATTAWA
STATION TYPE: RIVER

STATION ID: 18-6070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MATTAWA RIVER

STORET CODE: 02
006
5570

STN NO: 20 LAT: LONG: U T M: 17 0676450.0 5131800.0 4 REGION: 05 MILEAGE: 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78 1600			.3		23319	4	10.	2. L	4.	1.0		1.0	0.009	
26 02 78 1600			.3		23338	4	8.	2. L	2. L	1.0		0.4	0.005	0.001
19 03 78 1600			.3		23344	4	24.	2. L	2.	2.0	9.0	0.8	0.008	0.001
09 04 78 1600			.3		23363	4	344.	16.	2. L	2.0	4.0	0.8	0.003	0.001
22 05 78 0630			.3		23379	6				12.0	3.0	2.4	0.023	0.006
25 06 78 1730			.3		23407	6				19.0	6.0	0.8	0.015	0.002
15 07 78 0745			.3		23421	6				20.0	8.0	1.0	0.051	0.002
07 08 78 1748			.3		23442	6				24.0	8.0	0.6	0.009	0.001
04 09 78 1700			.3		23460	6				21.0		4.0	0.013	0.001
15 10 78 1300			.3		23478	6				12.0	6.0	1.2	0.012	0.002
12 11 78 1620			.3		23496	6				7.0	5.0	1.4	0.010	0.002
03 12 78 1730			.3		23514	6				1.0		0.2	0.006	0.002
MAXIMUM							344.	16.	4.	24.0	9.0	4.0	0.051	0.006
AVG OR GEOM MN (*)							29.*	3.* D	2.* D	10.2	6.1	1.2	0.014	0.002
MINIMUM							8.	2.	2.	1.0	3.0	0.2	0.003	0.001
NO OF SAMPLES							4	4	4	12	8	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
29 01 78 1600			.3		0.024	0.510	0.003	0.025	0.052	0.486	0.538	43.0	1.1	42
26 02 78 1600			.3		0.014	0.320	0.003	0.152	0.169	0.306	0.475	40.0	1.1	39
19 03 78 1600			.3		0.020	0.430	0.003	0.192	0.215	0.410	0.625	49.0	6.9	42
09 04 78 1600			.3		0.026	0.320	0.003	0.225	0.254	0.294	0.548	96.0	1.9	94
22 05 78 0630			.3		0.138	0.520	0.004	0.110	0.252	0.382	0.634	40.0	3.6	36
25 06 78 1730			.3		0.076	0.590	0.004	0.115	0.195	0.514	0.709	42.0	3.0	39
15 07 78 0745			.3		0.156	0.690	0.004	0.071	0.231	0.534	0.765	69.0	29.0	40
07 08 78 1748			.3		0.092	0.450	0.003	0.087	0.182	0.358	0.540	42.0	2.5	40
04 09 78 1700			.3		0.126	1.260	0.004	0.060	0.190	1.134	1.324	46.0	0.1L	46
15 10 78 1300			.3		0.220	0.760	0.003	0.145	0.368	0.540	0.908	46.0	2.1	44
12 11 78 1620			.3		0.110	0.610	0.003	0.167	0.280	0.500	0.780	47.0	3.0	44
03 12 78 1730			.3		0.022	0.290	0.002	0.173	0.197	0.268	0.465	38.0	0.4	38
MAXIMUM					0.220	1.260	0.004	0.225	0.368	1.134	1.324	96.0	29.0	94
AVG OR GEOM MN (*)					0.085	0.563	0.003	0.127	0.215	0.477	0.693	49.8	4.6D	45
MINIMUM					0.014	0.290	0.002	0.025	0.052	0.268	0.465	38.0	0.1	36
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78 1600			.3		64	1.60	2.2
26 02 78 1600			.3		61	1.60	2.2
19 03 78 1600			.3		65	1.30	2.5
09 04 78 1600			.3		144	1.10	2.4
22 05 78 0630			.3		56	2.40	2.3
25 06 78 1730			.3		60	2.20	1.6
15 07 78 0745			.3		62	7.30	1.9
07 08 78 1748			.3		61	1.00	1.9
04 09 78 1700			.3		71	1.50	3.0
15 10 78 1300			.3		68	2.10	2.5
12 11 78 1620			.3		67	2.90	2.0
03 12 78 1730			.3		59	1.50	2.2
MAXIMUM					144	7.30	3.0
AVG OR GEOM MN (*)					70	2.21	2.2
MINIMUM					56	1.00	1.6
NO OF SAMPLES					12	12	12

```
  B.O.W./ SITE: GIROUX LAKE                                                               STATION ID:  18-6975-001-01
  SAMPLE POINT: AT OUTLET NEAR COBALT
  STATION TYPE: LAKE
                                                      MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                       006
                                                      TERM STREAM: MONTREAL RIVER                                     6450

STN NO:      1     LAT:               LONG:           U T M: 17 0599310.0 5245300.0 4    REGION: 05          MILEAGE:    66.30

SAMP DTE HOUR  STN  STN SAMP  PJ        934        901         80         81         84        805          3          1         33         34
DY MO YR LMT   DIST BRG DEPTH        SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL   FILTERED
               FEET       MTRS           NO               COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P   REACTIVE
                                                          MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L     P MG/L

22 01 78 1335              .3         23304          4        16.      2.  L      2.  L        1.0                   0.4      0.240
19 02 78 1230              .3         23326          4        16.      4.  L      4.  L        1.0                   0.6      0.360      0.330
26 03 78 1540              .3         23349          4      4.  L         2.      2.  L        2.0        3.0        1.2      0.278      0.275
25 04 78 1450              .3         23033                                                    1.0        7.0        0.2      0.220      0.215
29 05 78 1415              .3         23053                                                   24.0       10.0        1.0      0.185      0.185
22 06 78 1420              .3         23073                                                   19.0        5.0        0.2      0.120
29 07 78 1545              .3         23093                                                   22.0                   0.8      0.195      0.195
20 08 78 1255              .3         23113        0 5                                        23.0        2.0        0.2      0.195      0.139
30 09 78 1400              .3         23133                                                   11.0                   1.0      0.162      0.162
29 11 78 1600              .3         23173                                                    0.0                   0.4                 0.225
27 12 78 1530              .3         23193                                                    0.0       11.0        0.2      0.152      0.195

                         MAXIMUM                                  16.         4.         4.       24.0       11.0        1.2      0.360      0.330
              AVG OR GEOM MN (*)                              10.*  D     3.*  D     3.*  D        9.5        6.3        0.6      0.211      0.213
                         MINIMUM                                   4.         2.         2.        0.0        2.0        0.2      0.120      0.139

                   NO OF SAMPLES                                    3          3          3         11          6         11         10          9

SAMP DTE HOUR  STN  STN SAMP  PJ         19         20         21         22         17         18         23          5          6        107
DY MO YR LMT   DIST BRG DEPTH      FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.     CALCUL
               FEET       MTRS      AMMONIA   KJELDAHL      NO2-N      NO3-N          N   ORGNC  N                SOLIDS     SOLIDS   D-SOLIDS
                                       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

22 01 78 1335              .3         0.148      0.640      0.003      0.012      0.163      0.402      0.655      189.0        1.9        187
19 02 78 1230              .3         0.188      0.600      0.005      0.020      0.213      0.412      0.625      189.0        1.2        188
26 03 78 1540              .3         0.112      0.830      0.013      0.117      0.242      0.718      0.960      196.0        4.1        192
25 04 78 1450              .3         0.052      0.440      0.006      0.200      0.258      0.388      0.646      183.0        0.7        182
29 05 78 1415              .3         0.108      0.480      0.006      0.015      0.129      0.372      0.501      174.0        1.8        172
22 06 78 1420              .3         0.048      0.540      0.007      0.040      0.095      0.402      0.587      174.0        2.1        172
29 07 78 1545              .3         0.058      0.370      0.006      0.004      0.068      0.312      0.380      161.0        1.5        159
20 08 78 1255              .3         0.081      0.390      0.007     0.005L      0.093      0.309      0.402      179.0        3.2        176
30 09 78 1400              .3         0.022      0.400      0.002      0.010      0.034      0.378      0.412      168.0        2.1        166
29 11 78 1600              .3         0.008      0.440      0.001      0.020      0.029      0.432      0.461      194.0        2.0        192
27 12 78 1530              .3         0.068      0.390      0.001      0.020      0.089      0.322      0.411      183.0        1.2        182

                         MAXIMUM      0.188      0.830      0.013      0.200      0.258      0.718      0.960      196.0        4.1        192
              AVG OR GEOM MN (*)      0.081      0.502      0.005     0.042D      0.128      0.421      0.549      180.9        2.0        179
                         MINIMUM      0.008      0.370      0.001      0.004      0.029      0.309      0.380      161.0        0.7        159

                   NO OF SAMPLES         11         11         11         11         11         11         11         11         11         11

SAMP DTE HOUR  STN  STN SAMP  PJ         14         16         56         59        280         95         52         55        208         25
DY MO YR LMT   DIST BRG DEPTH         COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL    PHENOLS
               FEET       MTRS          25C   FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
                                      UMHOS      UNITS                  MG/L    SI MG/L       MG/L       MG/L                  MG/L       UG/L

22 01 78 1335              .3           288       1.40        6.3                                                                       1.0L
19 02 78 1230              .3           269       1.30        6.3                                                                       1.0L



26 03 78 1540              .3           296       1.60        6.4                                                                       1.0L
25 04 78 1450              .3           280       0.65        5.5       31.5       1.75        5.5        109       7.62      0.090       1.0L
29 05 78 1415              .3           265       0.40        5.6       29.0       1.20        2.4        104       8.10      0.020        1.0
22 06 78 1420              .3           265       0.80        5.6       28.5       0.90        6.2        103       7.36      0.040        1.0
29 07 78 1545              .3           245       0.60        5.3       30.0       1.40       14.3         99       7.18      0.100       1.0L
20 08 78 1255              .3           270       0.40        5.9       26.0       2.10        8.7        105       7.26      0.220       1.0L
30 09 78 1400              .3           255       1.50        6.2       19.5       1.10        3.0        100       7.65      0.070       1.0L
29 11 78 1600              .3           295       1.10        6.4       32.0       1.60        4.0        113       7.51      0.030        5.0
27 12 78 1530              .3           280       1.30        6.4       30.5       1.30        1.5        109       8.01      0.020        1.0

                         MAXIMUM        296       1.60        6.4       32.0       2.10       14.3        113       8.10      0.220        5.0
              AVG OR GEOM MN (*)        275       1.01        6.0       28.4       1.42        5.7        105       7.59      0.074       1.4D
                         MINIMUM        245       0.40        5.3       19.5       0.90        1.5         99       7.18      0.020        1.0

                   NO OF SAMPLES         11         11         11          8          8          8          8          8          8         11

SAMP DTE HOUR  STN  STN SAMP  PJ         76         72         74         68         67         66         41        265        203        221
DY MO YR LMT   DIST BRG DEPTH        CALCUL      TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD      TOTAL      TOTAL      TOTAL
               FEET       MTRS     HARDNESS    CALCIUM     NESIUM      HAZEN          K         NA               ARSENIC   ALUMINUM   CHROMIUM
                                       MG/L       MG/L       MG/L      UNITS       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

22 01 78 1335              .3                                                                                    0.520
19 02 78 1230              .3                                                                                    0.620     0.050L     0.020L
26 03 78 1540              .3                                                                                    0.650
25 04 78 1450              .3         125.0      32.00      26.00         15       1.85       7.60         35      0.460      0.100     0.020L
29 05 78 1415              .3         121.0      32.00      10.00         15       1.80       7.90         21      0.440      0.060     0.020L
22 06 78 1420              .3         117.0      31.00       9.50         18       1.85       8.20        10L      0.510      0.340     0.040L
29 07 78 1545              .3         114.0      31.00       9.00         21       1.50       8.00         26      0.530      0.100     0.020L
20 08 78 1255              .3         111.0      28.00      10.00         20       1.65       8.20         22
30 09 78 1400              .3         105.0      28.00       8.50         14       2.00       8.20         14       0.50       0.06     0.02 L
29 11 78 1600              .3         130.0      34.00      11.00         14       2.15       9.40         10
27 12 78 1530              .3         124.0      33.00      10.00         19       2.20       8.60         38      0.510      0.190     0.020L

                         MAXIMUM      130.0      34.00      26.00         21       2.20       9.40         38      0.650      0.340      0.040
              AVG OR GEOM MN (*)      118.4      31.13      11.75         17       1.88       8.26        22D      0.527     0.129D     0.023D
                         MINIMUM      105.0      28.00       8.50         14       1.50       7.60         10      0.440      0.050      0.020

                   NO OF SAMPLES          8          8          8          8          8          8          8          9          7          7

SAMP DTE HOUR  STN  STN SAMP  PJ        225        229        215        249        201        238        272        217
DY MO YR LMT   DIST BRG DEPTH         TOTAL      TOTAL      TOTAL      TOTAL      TOTAL      TOTAL   AVAILBLE      TOTAL
               FEET       MTRS       COPPER       LEAD    CADMIUM       ZINC         MN     NICKEL    CYANIDE     COBALT
                                       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L    MG/L CN       MG/L

19 02 78 1230              .3         0.010     0.030L     0.005L      0.030                0.020L                0.020L
25 04 78 1450              .3         0.020     0.030L     0.005L     0.010L      0.026     0.020L      0.01L     0.020L
29 05 78 1415              .3         0.020     0.030L     0.005L     0.010L      0.017     0.020L      0.01L     0.020L
22 06 78 1420              .3         0.150     0.030L     0.005L      0.010      0.031      0.020      0.01L     0.020L
29 07 78 1545              .3         0.040     0.030L     0.005L     0.010L      0.039     0.020L      0.01L     0.020L
20 08 78 1255              .3                                                     0.039
30 09 78 1400              .3          0.02     0.03 L     0.005L     0.01 L      0.012     0.02 L      0.01L     0.02 L
29 11 78 1600              .3                                                     0.022
27 12 78 1530              .3        0.010L     0.003L     0.005L     0.010L      0.018     0.020L      0.01L     0.020L

                         MAXIMUM      0.150      0.030      0.005      0.030      0.039      0.020       0.01      0.020
              AVG OR GEOM MN (*)     0.039D     0.026D     0.005D     0.013D      0.026     0.020D      0.01D     0.020D
                         MINIMUM      0.010      0.003      0.005      0.010      0.012      0.020       0.01      0.020

                   NO OF SAMPLES          7          7          7          7          8          7          6          7
```

```
 B.O.W./ SITE: MONTREAL RIVER                                                            STATION ID:  18-6975-002-02
 SAMPLE POINT: AT BRIDGE UPSTREAM FROM THE CONFLUENCE WITH THE OTTAWA RIVER
 STATION TYPE: RIVER    FLOW GAUGE FED 02JD010             MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                           MINOR BASIN: OTTAWA RIVER                                  006
                                                           TERM STREAM: MONTREAL RIVER                                6450

STN NO:     2    LAT:              LONG:                   U T M: 17 0616500.0 5221900.0 4   REGION: 05             MILEAGE:    0.10

                                          934       901       444        80        81        84       805         3         1        33
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL
DY MO YR LMT    DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P
                FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L

22 01 78 1410               .3          23305    4         450.00   8.         2.  L     2.  L     1.0                  0.4     0.011
19 02 78 1330               .3          23327    4        1180.00   4.         4.  L     4.  L     1.0                  0.2     0.017
26 03 78 1440               .3          23348    6           0.00   4.  L      2.  L     2.  L     2.0       11.0       0.8     0.004

                       MAXIMUM                            1180.00   8.         4.        4.        2.0       11.0       0.8     0.017
            AVG OR GEOM MN (*)                             543.33   5.* D      3.* D     3.* D     1.3       11.0       0.5     0.011
                       MINIMUM                               0.00   4.         2.        2.        1.0       11.0       0.2     0.004

                 NO OF SAMPLES                                  3         3         3         3         3         1         3         3

                                           34        19        20        21        22        17        18        23         5         6
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.
DY MO YR LMT    DIST BRG DEPTH       REACTIVE   AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS
                FEET      MTRS         P MG/L      MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L

22 01 78 1410               .3         0.003     0.052     0.250     0.003     0.017     0.072     0.198     0.270      46.0       1.5
19 02 78 1330               .3         0.001L    0.016     0.340     0.002     0.055     0.073     0.324     0.397      47.0       1.7
26 03 78 1440               .3         0.001L    0.024     0.380     0.002     0.078     0.104     0.356     0.460      49.0       2.0

                       MAXIMUM         0.003     0.052     0.380     0.003     0.078     0.104     0.356     0.460      49.0       2.0
            AVG OR GEOM MN (*)         0.002D    0.031     0.323     0.002     0.050     0.083     0.293     0.376      47.3       1.7
                       MINIMUM         0.001     0.016     0.250     0.002     0.017     0.072     0.198     0.270      46.0       1.5

                 NO OF SAMPLES             3         3         3         3         3         3         3         3         3         3

                                          107        14        16        56        59       280        95        52        55       208
SAMP DTE HOUR   STN  STN SAMP  PJ    CALCUL       COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL
DY MO YR LMT    DIST BRG DEPTH       D-SOLIDS       25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
                FEET      MTRS       MG/L         UMHOS     UNITS                MG/L  SI MG/L       MG/L      MG/L                MG/L

22 01 78 1410               .3             44        67      1.40       1.0      13.0      1.55       1.8        16      7.35     0.070
19 02 78 1330               .3             45        69      1.60       1.1      12.5      1.80       3.6        17      6.97     0.120
26 03 78 1440               .3             47        73      1.10       0.9      13.5      2.00       4.5        20      6.77     0.100

                       MAXIMUM             47        73      1.60       1.1      13.5      2.00       4.5        20      7.35     0.120
            AVG OR GEOM MN (*)             45        70      1.37       1.0      13.0      1.78       3.3        18      7.03     0.097
                       MINIMUM             44        67      1.10       0.9      12.5      1.55       1.8        16      6.77     0.070

                 NO OF SAMPLES              3         3         3         3         3         3         3         3         3         3

                                           76        72        74        68        67        66        41       201
SAMP DTE HOUR   STN  STN SAMP  PJ      CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL
DY MO YR LMT    DIST BRG DEPTH       HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA                  MN
                FEET      MTRS           MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L

22 01 78 1410               .3           25.0      7.20      1.80        15      0.45      1.90        23     0.016
19 02 78 1330               .3           27.0      7.80      1.85        15      0.60      1.80        21     0.024
26 03 78 1440               .3           30.0      8.80      2.05        20      0.50      1.50        16     0.108



                       MAXIMUM           30.0      8.80      2.05        20      0.60      1.90        23     0.108
            AVG OR GEOM MN (*)           27.3      7.93      1.90        17      0.52      1.73        20     0.049
                       MINIMUM           25.0      7.20      1.80        15      0.45      1.50        16     0.016

                 NO OF SAMPLES              3         3         3         3         3         3         3         3


 B.O.W./ SITE: MONTREAL RIVER                                                            STATION ID:  18-6975-003-02
 SAMPLE POINT: AT HIGHWAY 11 LATCHFORD
 STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                           MINOR BASIN: OTTAWA RIVER                                  006
                                                           TERM STREAM: MONTREAL RIVER                                6450

STN NO:     3    LAT:              LONG:                   U T M: 17 0589950.0 5241400.0 4   REGION: 05             MILEAGE:   22.00

                                          934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH             NO            COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
                FEET      MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

22 01 78 1130               .3          23301    4         10.  L    2.  L     2.          1.0                  0.4     0.004    0.001L
19 02 78 1100               .3          23323    4          4.  L    4.  L     4.  L       1.0                  1.0     0.010    0.001
26 03 78 1720               .3          23352    4          4.  L    2.  L     2.  L       2.0       3.0        0.2     0.012    0.002
25 04 78 1410               .3          23032                                              2.0       8.0        0.6     0.009    0.004
29 05 78 1200               .3          23052                                             20.0       9.0        0.6     0.012    0.002
22 06 78 1120               .3          23072                                             18.0       9.0        0.2     0.013    0.005
17 07 78 1100               .3          23092                                             20.0                  1.0     0.009    0.001
20 08 78 1100               .3          23112                                             22.0       9.0        0.2     0.014    0.003
30 09 78 1210               .3          23132                                             12.0                  0.2     0.010    0.003
27 10 78 2030               .3          23152    6                                                              0.2     0.008    0.002
29 11 78 1350               .3          23172                                              0.0                  0.4     0.015    0.002
27 12 78 1205               .3          23192                                              0.0      12.0        0.2     0.004    0.002

                       MAXIMUM                              10.        4.        4.       22.0      12.0        1.0     0.015    0.005
            AVG OR GEOM MN (*)                               5.* D     3.* D     3.* D     8.9       8.3        0.4     0.010    0.002D
                       MINIMUM                               4.        2.        2.        0.0       3.0        0.2     0.004    0.001

                 NO OF SAMPLES                                   3         3         3        11         6        12        12        12

                                           19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ    FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL
DY MO YR LMT    DIST BRG DEPTH        AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS           MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

22 01 78 1130               .3         0.026     0.340     0.003     0.012     0.041     0.314     0.355      45.0       1.4        44
19 02 78 1100               .3         0.014     0.380     0.001     0.055     0.070     0.366     0.436      47.0       1.8        45
26 03 78 1720               .3         0.026     0.380     0.003     0.082     0.111     0.354     0.465      52.0       1.5        50
25 04 78 1410               .3         0.018     0.240     0.001     0.120     0.139     0.222     0.361      51.0       0.6        50
29 05 78 1200               .3         0.024     0.360     0.004     0.060     0.088     0.336     0.424      47.0       1.3        46
22 06 78 1120               .3         0.032     0.330     0.003     0.060     0.095     0.298     0.393      50.0       1.8        48
17 07 78 1100               .3         0.022     0.280     0.003     0.005L    0.030     0.258     0.288      66.0       1.4        65
20 08 78 1100               .3         0.023     0.300     0.003     0.012     0.038     0.277     0.315      52.0       3.3        49
30 09 78 1210               .3         0.010     0.270     0.002     0.025     0.037     0.260     0.297      48.0       0.9        47
27 10 78 2030               .3         0.016     0.300     0.002     0.053     0.071     0.284     0.355      50.0       1.4        49
29 11 78 1350               .3         0.012     0.015     0.003     0.070     0.085     0.003     0.088      47.0       0.7        46
27 12 78 1205               .3         0.017     0.240     0.002     0.102     0.121     0.223     0.344      49.0       3.9        45
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
MAXIMUM					0.032	0.380	0.004	0.120	0.139	0.366	0.465	66.0	3.9	65
AVG OR GEOM MN (*)					0.020	0.286	0.003	0.055D	0.077	0.266	0.343	50.3	1.7	49
MINIMUM					0.010	0.015	0.001	0.005	0.030	0.003	0.088	45.0	0.6	44
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
22 01 78 1130			.3		68	0.90	1.0	12.5	1.55	2.3	16	7.17	0.060	
19 02 78 1100			.3		69	1.60	0.9	11.5	1.85	3.9	17	6.96	0.070	
26 03 78 1720			.3		77	1.30	0.9	13.0	2.10	4.0	22	7.26	0.110	
25 04 78 1410			.3		77	1.00	1.2	13.0	2.10	2.8	22	7.21	0.180	1.0L
29 05 78 1200			.3		72	1.00	0.8	12.5	2.40	2.5	23	8.05	0.100	1.0L
22 06 78 1120			.3		74	1.20	0.8	11.5	2.10	1.7	25	7.49	0.110	3.0
17 07 78 1100			.3		100	0.70	3.4	21.5	0.85	1.5	20	7.31	0.030	1.0L
20 08 78 1100			.3		76	1.20	0.8	11.5	1.85	0.7	25	7.43	0.200	1.0L
30 09 78 1210			.3		73	1.20	0.8	8.0	1.80	2.4	24	7.59	0.100	1.0L
27 10 78 2030			.3		75	1.10	1.0	11.0	2.00	3.3	25	6.90	0.130	
29 11 78 1350			.3		70	1.70	0.7	13.0	2.05	1.4	21	7.79	0.100	1.0
27 12 78 1205			.3		69	1.20	0.8	13.5	2.10	1.2	20	7.55	0.100	2.0
MAXIMUM					100	1.70	3.4	21.5	2.40	4.0	25	8.05	0.200	3.0
AVG OR GEOM MN (*)					75	1.18	1.1	12.7	1.90	2.3	22	7.39	0.108	1.40
MINIMUM					68	0.70	0.7	8.0	0.85	0.7	16	6.90	0.030	1.0
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
22 01 78 1130			.3		27.0	7.60	1.85	15	0.55	1.90	30	0.015
19 02 78 1100			.3		28.0	8.00	1.90	15	0.65	1.50	34	0.019
26 03 78 1720			.3		32.0	9.20	2.25	20	0.45	1.70	23	0.027
25 04 78 1410			.3		34.0	9.80	2.35	15	0.40	1.40	33	0.027
29 05 78 1200			.3		31.0	9.00	2.00	57	0.30	1.20	25	0.019
22 06 78 1120			.3		32.0	9.00	2.40	48	0.35	1.60	19	0.016
17 07 78 1100			.3		38.0	10.80	2.70	25	0.65	2.70	17	0.014
20 08 78 1100			.3		34.0	9.60	2.35	40	0.35	1.30	24	0.026
30 09 78 1210			.3		32.0	9.20	2.15	25	0.35	1.20	21	0.020
27 10 78 2030			.3		33.0	9.60	2.20	44	0.40	1.20	16	0.022
29 11 78 1350			.3		33.0	10.00	1.90	35	0.35	1.40	48	0.014
27 12 78 1205			.3		28.0	8.00	1.90	34	0.45	1.30	44	0.016
MAXIMUM					38.0	10.80	2.70	57	0.65	2.70	48	0.027
AVG OR GEOM MN (*)					31.8	9.15	2.16	31	0.44	1.53	28	0.020
MINIMUM					27.0	7.60	1.85	15	0.30	1.20	16	0.014
NO OF SAMPLES					12	12	12	12	12	12	12	12

B.O.W./ SITE: GIROUX LAKE
SAMPLE POINT: AT GLEN LAKE OUTLET
STATION TYPE: LAKE

STATION ID: 18-6975-004-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO: 4 LAT: LONG: U T M: 17 0600450.0 5246900.0 4 REGION: 05 MILEAGE: 67.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
22 01 78 1255			.3		23303	4	1.0		0.4	0.825	0.775	0.014	0.720	0.008
19 02 78 1200			.3		23325	4	1.0		0.5	0.974	0.974	0.064	0.500	0.018
26 03 78 1610			.3		23350	4	2.0	5.0	1.2	0.885	0.875	0.084	0.380	0.019
25 04 78 1510			.3		23034		1.0	10.0	0.4	0.290	0.255	0.086	0.570	0.011
29 05 78 1430			.3		23054		26.0	9.0	1.0	0.300	0.300	0.102	0.470	0.017
22 06 78 1440			.3		23074		21.0	6.0	0.2	0.173		0.072	0.390	0.011
29 07 78 1510			.3		23094		20.0	7.0	0.8	0.350	0.325	0.044	0.390	0.010
20 08 78 1315			.3		23114		21.0	7.0	1.0	0.245	0.245	0.080	0.500	0.017
30 09 78 1420			.3		23134		12.0		0.4	0.188	0.188	0.174	0.400	0.016
29 11 78 1620			.3		23174		0.0		0.6		0.190	0.149	0.430	0.019
27 12 78 1455			.3		23194		0.0	9.0	0.2	0.143	0.155	0.289	0.560	0.040
MAXIMUM							26.0	10.0	1.2	0.974	0.974	0.289	0.720	0.040
AVG OR GEOM MN (*)							9.5	7.6	0.6	0.437	0.428	0.105	0.483	0.017
MINIMUM							0.0	5.0	0.2	0.143	0.155	0.014	0.380	0.008
NO OF SAMPLES							11	7	11	10	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
22 01 78 1255			.3		0.607	0.629	0.706	1.335	328.0	19.0	309		469	6.30
19 02 78 1200			.3		1.430	1.512	0.436	1.948	340.0	14.0	326		497	5.90
26 03 78 1610			.3		0.761	0.864	0.296	1.160	305.0	4.3	301		483	2.10
25 04 78 1510			.3		1.490	1.587	0.484	2.071	215.0	4.2		211	325	4.30
29 05 78 1430			.3		0.565	0.684	0.368	1.052	206.0	3.9		202	310	2.00
22 06 78 1440			.3		0.360	0.443	0.318	0.761	202.0	3.9		198	305	2.50
29 07 78 1610			.3		0.490	0.544	0.346	0.890	206.0	4.4		202	310	2.00
20 08 78 1315			.3		0.303	0.400	0.420	0.820	236.0	15.0		221	340	2.50
30 09 78 1420			.3		1.040	1.230	0.226	1.456	222.0	3.7		218	335	2.00
29 11 78 1620			.3		0.930	1.098	0.281	1.379	256.0	2.0		254	390	3.90
27 12 78 1455			.3		2.230	2.559	0.271	2.830	269.0	2.1		267	410	3.40
MAXIMUM					2.230	2.559	0.706	2.830	340.0	19.0	326	267	497	6.30
AVG OR GEOM MN (*)					0.928	1.050	0.377	1.427	253.2	7.0	312	222	379	3.36
MINIMUM					0.303	0.400	0.226	0.761	202.0	2.0	301	198	305	2.00
NO OF SAMPLES					11	11	11	11	11	11	3	8	11	11

(CONTD)

B.O.W./ SITE: GIROUX LAKE
SAMPLE POINT: AT GLEN LAKE OUTLET
STATION TYPE: LAKE

STATION ID: 18-6975-004-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO: 4 LAT: LONG: U T M: 17 0600450.0 5246900.0 4 REGION: 05 MILEAGE: 67.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L
22 01 78 1255			.3		10.0	46.5	4.15	6.0	192	7.75	1.250	1.0L	222.0	60.00
19 02 78 1200			.3		9.5	47.5	4.80	4.7	204	7.96	0.910	1.0L	240.0	64.00
26 03 78 1610			.3		10.0	48.0	4.80	6.1	204	7.85	0.270	1.0L	228.0	61.00
25 04 78 1510			.3		11.5	31.5	2.30	3.6	117	7.80	0.430	1.0L	140.0	38.00
29 05 78 1430			.3		9.4	33.5	1.05	1.8	117	7.98	0.190	1.0	138.0	33.00
22 06 78 1440			.3		10.5	33.5	0.85	2.9	112	7.85	0.160	1.0	124.0	29.00
29 07 78 1610			.3		11.0	34.5	1.00	4.9	116	7.73	0.120	1.0L	127.0	32.00
20 08 78 1315			.3		12.0	34.5	1.15	4.1	127	7.56	0.360	1.0L	129.0	31.00
30 09 78 1420			.3		11.0	15.0	1.25	2.5	120	7.89	0.190	1.0L	127.0	32.00
29 11 78 1620			.3		13.5	42.5	2.40	4.2	143	7.92	0.330	6.0	155.0	40.00
27 12 78 1455			.3		14.0	45.0	3.05	3.0	145	7.88	0.190	3.0	176.0	45.00
MAXIMUM					14.0	48.0	4.80	6.1	204	7.98	1.250	6.0	240.0	64.00
AVG OR GEOM MN (*)					11.1	37.5	2.44	4.0	145	7.83	0.400	1.60	164.2	42.27
MINIMUM					9.4	15.0	0.85	1.8	112	7.56	0.120	1.0	124.0	29.00
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L
22 01 78 1255			.3		17.50	10	3.15	15.00	26	1.300				
19 02 78 1200			.3		19.50	10	3.95	17.00	17	2.100	0.240	0.020L	0.030	0.030L
26 03 78 1610			.3		18.50	15	3.80	17.00	19	1.900				
25 04 78 1510			.3		11.00	15	1.65	9.70	35	0.540	0.280	0.020L	0.050	0.030L
29 05 78 1430			.3		13.50	11	2.35	11.00	18	0.780	0.200	0.020L	0.040	0.030L
22 06 78 1440			.3		12.50	12	2.55	14.00	10	0.770	0.180	0.040L	0.020	0.030L
29 07 78 1610			.3		11.50	13	2.55	16.00	20	0.900	0.180	0.020L	0.040	0.030L
20 08 78 1315			.3		12.50	18	3.45	17.00	22					
30 09 78 1420			.3		11.50	11	3.75	17.00	23	0.66	0.20	0.04 L	0.02	0.03 L
29 11 78 1620			.3		13.50	4	4.25	19.00	52					
27 12 78 1455			.3		14.00	12	4.90	19.00	38	0.430	0.660	0.020L	0.040	0.003L
MAXIMUM					19.50	18	4.90	19.00	52	2.100	0.660	0.040	0.050	0.030
AVG OR GEOM MN (*)					14.14	12	3.31	15.61	25	1.042	0.277	0.026D	0.034	0.026D
MINIMUM					11.00	4	1.65	9.70	10	0.430	0.180	0.020	0.020	0.003
NO OF SAMPLES					11	11	11	11	11	9	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
22 01 '78 1255			.3				0.086			
19 02 78 1200			.3		0.005L	0.020	0.138	0.020L		0.020L
26 03 78 1610			.3				0.078			
25 04 78 1510			.3		0.005L	0.010	0.046	0.020L	0.01L	0.020L
29 05 78 1430			.3		0.005L	0.010L	0.042	0.020L	0.01L	0.020L
22 06 78 1440			.3		0.005L	0.010L	0.038	0.020	0.01L	0.020L
29 07 78 1610			.3		0.005L	0.010L	0.024	0.020L	0.01L	0.020L
20 08 78 1315			.3				0.050			
30 09 78 1420			.3		0.005L	0.02	0.016	0.02 L	0.01L	0.02 L
29 11 78 1620			.3				0.028			
27 12 78 1455			.3		0.005L	0.020	0.040	0.020L	0.01L	0.020L
MAXIMUM					0.005	0.020	0.138	0.020	0.01	0.020
AVG OR GEOM MN (*)					0.005D	0.014D	0.053	0.020D	0.01D	0.020D
MINIMUM					0.005	0.010	0.016	0.020	0.01	0.020
NO OF SAMPLES					7	7	11	7	6	7

B.O.W./ SITE: FARR CREEK
SAMPLE POINT: DOWNSTREAM FROM CROSSWISE LAKE
STATION TYPE: RIVER FLOW GAUGE FED 02JE018

STATION ID: 18-7370-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO: 1 LAT: LONG: U T M: 17 0603100.0 5253100.0 4 REGION: 05 MILEAGE: 3.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
22 01 78 1510			.3		23306	4	5.90	1260.	72.	96.	1.0		0.6	0.285
19 02 78 1430			.3		23328	4	4.20	44.	4. L	4. L	1.0		1.8	0.750
26 03 78 1400			.3		23347	4	4.80	7000.	200.	112.	2.0	4.0	1.6	0.255
25 04 78 1630			.3		23037		102.00				1.0	11.0	1.0	0.155
29 05 78 1610			.3		23057		24.50				26.0	10.0	1.0	0.270
22 06 78 1535			.3		23077		14.60				21.0	8.0	1.0	0.188
29 07 78 1720			.3		23097		8.00				22.0	9.0	1.4	0.910
20 08 78 1400			.3		23117		1.70				23.0	7.0	1.0	0.355
30 09 78 1455			.3		23137		8.40				12.0		2.0	0.330
29 11 78 1700			.3		23177		10.20				0.0		1.0	0.228
27 12 78 1625			.3		23197	4	8.70				0.0	11.0	0.2	0.305
MAXIMUM							102.00	7000.	200.	112.	26.0	11.0	2.0	0.910
AVG OR GEOM MN (*)							17.55	729.*	39.* D	35.* D	9.9	8.6	1.1	0.366
MINIMUM							1.70	44.	4.	4.	0.0	4.0	0.2	0.155
NO OF SAMPLES							11	3	3	3	11	7	11	11

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
22 01 78 1510			.3		0.235	0.410	1.010	0.010	0.160	0.580	0.600	1.180	194.0	3.5
19 02 78 1430			.3		0.700	1.370	2.850	0.055	1.270	2.695	1.480	4.175	601.0	7.7
26 03 78 1400			.3		0.240	0.980	1.700	0.017	0.428	1.425	0.720	2.145	246.0	14.0
25 04 78 1630			.3		0.155	0.144	0.660	0.020	0.205	0.369	0.516	0.885	172.0	29.0
29 05 78 1610			.3		0.270	0.046	0.560	0.004	0.005L	0.055	0.514	0.569	136.0	3.4
22 06 78 1535			.3			0.054	0.510	0.002	0.005L	0.061	0.456	0.517	141.0	5.0
29 07 78 1720			.3		0.825	0.020	0.770	0.016	0.029	0.065	0.750	0.815	194.0	5.1
20 08 78 1400			.3		0.307	0.067	0.640	0.004	0.005L	0.076	0.573	0.649	170.0	6.5
30 09 78 1455			.3		0.219	0.040	0.740	0.002	0.005L	0.047	0.700	0.747	280.0	10.0
29 11 78 1700			.3		0.200	0.330	0.700	0.015	0.020	0.365	0.370	0.735	212.0	4.0
27 12 78 1625			.3		0.230	0.776	1.330	0.018	0.158	0.952	0.554	1.506	223.0	1.9
MAXIMUM					0.825	1.370	2.850	0.055	1.270	2.695	1.480	4.175	601.0	29.0
AVG OR GEOM MN (*)					0.338	0.385	1.043	0.015	0.208D	0.608	0.658	1.266	233.5	8.2
MINIMUM					0.155	0.020	0.510	0.002	0.005	0.047	0.370	0.517	136.0	1.9
NO OF SAMPLES					10	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	7 DISS. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB
22 01 78 1510			.3			190	292	3.30	13.0					
19 02 78 1430			.3		593		890	4.30	55.0					
26 03 78 1400			.3			232	357	3.70	16.5					
25 04 78 1630			.3			143	220	19.00	12.0	20.0	2.00	3.8	74	7.64
29 05 78 1610			.3			133	205	2.30	6.5	19.0	0.55	0.0	82	9.02
22 06 78 1535			.3			136	210	1.50	10.5	23.5	0.90	0.0	71	9.50
29 07 78 1720			.3			189	290	3.10	29.0	24.5	1.75	0.0	87	9.00
20 08 78 1400			.3			163	250	2.40	18.5	37.5	0.90	0.1	60	9.44
30 09 78 1455			.3			270	415	4.90	27.5	68.0	0.25	2.3	110	7.93
29 11 78 1700			.3			208	320	3.00	16.5	34.5	1.50	4.2	107	7.60
27 12 78 1625			.3			221	340	3.80	19.5	34.0	2.55	2.9	111	7.88
MAXIMUM					593	270	890	19.00	55.0	68.0	2.55	4.2	111	9.50
AVG OR GEOM MN (*)					593	189	344	4.66	20.4	32.6	1.30	1.7	88	8.50
MINIMUM					593	133	205	1.50	6.5	19.0	0.25	0.0	60	7.60
NO OF SAMPLES					1	10	11	11	11	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
22 01 78 1510			.3			2.0								0.380
19 02 78 1430			.3			1.5								1.400
26 03 78 1400			.3			3.0								0.430
25 04 78 1630			.3		2.100	1.0L	97.0	25.00	8.50	45	1.40	9.10	31	0.280
29 05 78 1610			.3		0.170	1.0L	95.0	28.00	6.00	35	0.70	5.40	18	0.570
22 06 78 1535			.3		0.160	1.0	82.0	22.00	6.50	38	0.50	9.60	17	0.840
29 07 78 1720			.3		0.200	1.0L	102.0	27.00	8.50	31	1.80	20.00	39	0.700
20 08 78 1400			.3		0.190	1.0	83.0	20.80	7.50	31	1.65	17.00	31	
30 09 78 1455			.3		0.480	1.0L	158.0	45.00	11.00	32	2.50	22.00	21	0.73
29 11 78 1700			.3		0.270	2.0	126.0	38.00	7.50	21	1.20	13.00	87	
27 12 78 1625			.3		0.340	1.0L	130.0	39.00	8.00	26	1.45	17.00	58	0.380
MAXIMUM					2.100	3.0	158.0	45.00	11.00	45	2.50	22.00	87	1.400
AVG OR GEOM MN (*)					0.489	1.40	109.1	30.60	7.94	32	1.40	14.14	38	0.640
MINIMUM					0.160	1.0	82.0	20.80	6.00	21	0.50	5.40	17	0.280
NO OF SAMPLES					8	11	8	8	8	8	8	8	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
22 01 78 1510			.3		0.180	0.020L	0.010L	0.030L	0.005L	0.030		0.030		0.020L
19 02 78 1430			.3		0.050L	0.020L	0.030	0.030L	0.005L	0.120		0.110		0.110
25 04 78 1630			.3		2.200	0.020L	0.020	0.030L	0.005L	0.020	0.098	0.040	0.01L	0.060
29 05 78 1610			.3		0.130	0.020L	0.020	0.030L	0.005L	0.010L	0.038	0.020L	0.01L	0.020L
22 06 78 1535			.3		0.560	0.040L	0.060	0.030L	0.005L	0.010	0.022	0.020	0.01L	0.020L
29 07 78 1720			.3		0.200	0.020L	0.030	0.030L	0.005L	0.010L	0.026	0.020L	0.01L	0.020L
20 08 78 1400			.3			-					0.054			
30 09 78 1455			.3		0.29	0.04 L	0.08	0.06 L	0.01 L	0.02 L	0.056	0.08		0.04 L
29 11 78 1700			.3								0.078			
27 12 78 1625			.3		0.540	0.020L	0.040	0.003L	0.005L	0.020	0.190	0.020L	0.01	0.060
MAXIMUM					2.200	0.040	0.08	0.06	0.01	0.120	0.190	0.110	0.01	0.110
AVG OR GEOM MN (*)					0.519D	0.025D	0.036D	0.0300	0.006D	0.030D	0.070	0.043D	0.01D	0.044D
MINIMUM					0.050	0.020	0.010	0.003	0.005	0.010	0.022	0.020	0.01	0.020
NO OF SAMPLES					8	8	8	8	8	8	8	8	5	8

B.O.W. / SITE: COBALT LAKE
SAMPLE POINT: AT OUTLET, COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO: 2 LAT: LONG: U T M: 17 0599350.0 5249650.0 4 REGION: 05 MILEAGE: 5.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
25 04 78 1530			.3		23035		1.0	9.0	0.4	0.470	0.470	0.050	0.290	0.006
29 05 78 1500			.3		23055		25.0	9.0	1.0	0.320	0.320	0.060	0.600	0.002
22 06 78 1500			.3		23075		20.0	8.0	0.8	0.330		0.042	0.310	0.001
29 07 78 1630			.3		23095		20.0	8.0	1.0	0.590	0.590	0.006	0.380	0.001
20 08 78 1335			.3		23115		23.0	7.0	0.4	0.590	0.464	0.025	0.280	0.003
30 09 78 1435			.3		23135		12.0		1.6	0.560	0.265	0.006	0.410	0.003
29 11 78 1635			.3		23175	6			0.8	0.620	0.620	0.010	0.360	0.001
27 12 78 1600			.3		23195	4	0.0	14.0	0.2	0.510	0.510	0.043	0.320	0.002
MAXIMUM							25.0	14.0	1.6	0.620	0.620	0.060	0.600	0.006
AVG OR GEOM MN (*)							14.4	9.2	0.8	0.499	0.463	0.030	0.369	0.002
MINIMUM							0.0	7.0	0.2	0.320	0.265	0.006	0.280	0.001
NO OF SAMPLES							7	6	8	8	7	8	8	8

(C O N T D)

B.O.W./ SITE: COBALT LAKE
SAMPLE POINT: AT OUTLET, COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO: 2 LAT: LONG: U T M: 17 0599350.0 5249650.0 4 REGION: 05 MILEAGE: 5.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
25 04 78 1530			.3		0.245	0.301	0.240	0.541	231.0	3.4	228	350	1.80	23.5
29 05 78 1500			.3		0.005L	0.067	0.540	0.607	220.0	2.2	218	335	1.30	24.5
22 06 78 1500			.3		0.005L	0.048	0.268	0.316	226.0	2.3	224	345	1.60	26.0
29 07 78 1630			.3		0.005L	0.012	0.374	0.386	231.0	6.7	224	345	3.00	26.5
20 08 78 1335			.3		0.005L	0.033	0.255	0.288	234.0	2.8	231	355	1.40	27.5
30 09 78 1435			.3		0.005L	0.014	0.404	0.418	327.0	90.0	237	365	66.00	29.0
29 11 78 1635			.3		0.005	0.016	0.350	0.366	272.0	2.0	270	415	1.60	34.0
27 12 78 1600			.3		0.052	0.097	0.277	0.374	273.0	1.0L	273	420	1.30	35.0
MAXIMUM					0.245	0.301	0.540	0.607	327.0	90.0	273	420	66.00	35.0
AVG OR GEOM MN (*)					0.041D	0.074	0.339	0.412	251.8	13.8D	238	366	9.75	28.3
MINIMUM					0.005	0.012	0.240	0.288	220.0	1.0	218	335	1.30	23.5
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
25 04 78 1530			.3		27.5	2.05	4.8	121	7.77	0.150	1.0L	143.0	45.00	7.50
29 05 78 1500			.3		26.0	2.50	0.0	116	8.39	0.110	1.5	140.0	43.00	8.00
22 06 78 1500			.3		26.5	1.75	0.0	118	8.32	0.070	1.0L	143.0	44.00	8.00
29 07 78 1630			.3		26.0	0.65	0.0	120	8.50	0.130	1.0L	143.0	45.00	7.50
20 08 78 1335			.3		25.0	0.30	0.1	121	8.33	0.120	1.0L	140.0	42.00	8.50
30 09 78 1435			.3		13.5	0.10	2.4	127	8.09	6.700	1.0L	138.0	43.00	7.50
29 11 78 1635			.3		13.0	0.45	2.1	138	7.68	0.060	1.0L	176.0	54.00	10.00
27 12 78 1600			.3		30.5	1.10	0.4	140	8.24	0.030	2.0	0.2	53.00	9.00
MAXIMUM					30.5	2.50	4.8	140	8.50	6.700	2.0	176.0	54.00	10.00
AVG OR GEOM MN (*)					23.5	1.11	1.2	125	8.17	0.921	1.2D	127.9	46.13	8.25
MINIMUM					13.0	0.10	0.0	116	7.68	0.030	1.0	0.2	42.00	7.50
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
25 04 78 1530			.3		10	1.25	13.00	31	1.000	0.100	0.020L	0.040	0.030L	0.005L
29 05 78 1500			.3		17	1.10	14.00	10	0.930	0.060	0.020L	0.030	0.030L	0.005L
22 06 78 1500			.3		18	1.20	15.00	10L	1.700	0.100L	0.040L	0.040	0.030L	0.005L
29 07 78 1630			.3		13	1.35	16.00	22	1.600	0.300	0.020L	0.020	0.030L	0.005L
20 08 78 1335			.3		14	1.45	16.00	28						
30 09 78 1435			.3		86	1.65	17.00	18	1.4	4.4	0.02 L	0.07	0.06 L	0.01 L
29 11 78 1635			.3		8	1.45	18.00	29						
27 12 78 1600			.3		16	1.70	1.80	42	1.400	0.190	0.020L	0.010	0.030L	0.005L
MAXIMUM					86	1.70	18.00	42	1.700	4.4	0.040	0.07	0.06	0.01
AVG OR GEOM MN (*)					23	1.39	13.85	24D	1.338	0.858D	0.023D	0.035	0.035D	0.006D
MINIMUM					8	1.10	1.80	10	0.930	0.060	0.020	0.010	0.030	0.005
NO OF SAMPLES					8	8	8	8	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
25 04 78 1530			.3		0.030	0.040	0.040	0.01L	0.070
29 05 78 1500			.3		0.010	0.030	0.040	0.01L	0.050
22 06 78 1500			.3		0.010L	0.014	0.030	0.01L	0.020L
29 07 78 1630			.3		0.010L	0.020	0.030	0.01L	0.020L
20 08 78 1335			.3			0.022			
30 09 78 1435			.3		0.02 L	0.148	0.06	0.01L	0.04 L
29 11 78 1635			.3			0.019			
27 12 78 1600			.3		0.010	0.016	0.020L	0.02	0.300
MAXIMUM					0.030	0.148	0.06	0.02	0.300
AVG OR GEOM MN (*)					0.015D	0.039	0.037D	0.01D	0.083D
MINIMUM					0.010	0.014	0.020	0.01	0.020
NO OF SAMPLES					6	8	6	6	6

B.O.W./ SITE: SASAGINAGA LAKE
SAMPLE POINT: NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO: 3 LAT: LONG: U T M: 17 0598350.0 5250300.0 4 REGION: 05 MILEAGE: 6.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 01 78 1210			.3		23302	4	4. L	2. L	2. L	1.0		1.4	0.015	0.001
19 02 78 1130			.3		23324	4	4. L	4. L	4. L	1.0		0.2	0.032	
26 03 78 1640			.3		23351	4	4. L	2. L	2. L	2.0	4.0	0.4	0.029	0.007
25 04 78 1605			.3		23036					0.0	11.0	0.4	0.011	0.005
29 05 78 1545			.3		23056					25.0	9.0	0.6	0.008	0.003
22 06 78 1350			.3		23076					18.0	10.0	0.2	0.017	0.002
29 07 78 1650			.3		23096					21.0	8.0	0.4	0.015	0.003
20 08 78 1230			.3		23116					22.0	8.0	0.2	0.016	0.001
30 09 78 1335			.3		23136					12.0		0.4	0.017	0.004
29 11 78 1540			.3		23176	4				0.0		0.4	0.015	0.001
27 12 78 1415			.3		23196	4				0.0	11.0	0.2	0.016	0.001
MAXIMUM							4.	4.	4.	25.0	11.0	1.4	0.032	0.007
AVG OR GEOM MN (*)							4.* D	3.* D	3.* D	9.3	8.7	0.4	0.017	0.003
MINIMUM							4.	2.	2.	0.0	4.0	0.2	0.008	0.001
NO OF SAMPLES							3	3	3	11	7	11	11	10

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 01 78 1210			.3		0.008	0.460	0.003	0.042	0.053	0.452	0.505	105.0	1.1	104
19 02 78 1130			.3		0.002L	0.420	0.001	0.060	0.063	0.418	0.481	101.0	2.0	99
26 03 78 1640			.3		0.002L	0.520	0.002	0.073	0.077	0.518	0.595	104.0	3.3	101
25 04 78 1605			.3		0.118	0.280	0.005	0.265	0.388	0.162	0.550	46.0	0.5	46
29 05 78 1545			.3		0.030	0.300	0.003	0.005L	0.038	0.270	0.308	92.0	1.1	91
22 06 78 1350			.3		0.012	0.320	0.002	0.005L	0.019	0.308	0.327	90.0	1.0	89
29 07 78 1650			.3		0.008	0.360	0.001	0.005L	0.014	0.352	0.366	91.0	3.4	88
20 08 78 1230			.3		0.015	0.340	0.002	0.005L	0.022	0.325	0.347	91.0	0.8	90
30 09 78 1335			.3		0.018	0.320	0.002	0.010	0.030	0.302	0.332	91.0	1.1	90
29 11 78 1540			.3		0.016	0.360	0.002	0.025	0.043	0.344	0.387	102.0	1.0	101
27 12 78 1415			.3		0.029	0.310	0.001	0.024	0.054	0.281	0.335	99.0	1.0	98
MAXIMUM					0.118	0.520	0.005	0.265	0.388	0.518	0.595	105.0	3.4	104
AVG OR GEOM MN (*)					0.023D	0.363	0.002	0.047D	0.073	0.339	0.412	92.0	1.5	91
MINIMUM					0.002	0.280	0.001	0.005	0.014	0.162	0.308	46.0	0.5	46
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
22 01 78 1210			.3		160	0.65	6.1							4.0
19 02 78 1130			.3		152	1.30	5.8							1.0L
26 03 78 1640			.3		156	1.40	6.0							1.0L
25 04 78 1605			.3		70	1.00	2.8	7.0	0.20	3.0	21	7.41	0.220	1.0L
29 05 78 1545			.3		138	0.80	6.1	12.0	0.75	1.1	49	7.85	0.030	1.5
22 06 78 1350			.3		137	0.80	5.4	12.0	0.65	0.6	49	8.12	0.020	2.0
29 07 78 1650			.3		136	0.90	5.4	11.5	0.40	2.6	50	7.96	0.040	1.0L
20 08 78 1230			.3		139	0.50	5.6	12.5	0.70	0.1	50	8.25	0.020	1.0
30 09 78 1335			.3		138	1.00	5.6	11.5	0.35	1.3	51	7.19	0.500	1.0L
29 11 78 1540			.3		155	1.20	5.9	13.0	0.75	3.1	57	7.55	0.050	1.0L
27 12 78 1415			.3		150	1.40	6.2	13.0	0.40	1.7	54	7.83	0.040	1.0L
MAXIMUM					160	1.40	6.2	13.0	0.75	3.1	57	8.25	0.500	4.0
AVG OR GEOM MN (*)					139	1.00	5.5	11.6	0.53	1.7	48	7.77	0.115	1.4D
MINIMUM					70	0.50	2.8	7.0	0.20	0.1	21	7.19	0.020	1.0
NO OF SAMPLES					11	11	11	8	8	8	8	8	8	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
22 01 78 1210			.3									0.006	0.100L	0.040L
19 02 78 1130			.3									0.004	0.050L	0.020L
26 03 78 1640			.3									0.007		
25 04 78 1605			.3		25.0	8.80	0.65	5	0.25	1.70	20	0.005	0.100	0.020L
29 05 78 1545			.3		61.0	18.00	4.00	18	0.40	3.50	10L	0.004	0.080	0.020L
22 06 78 1350			.3		61.0	17.20	4.15	23	0.40	3.50	10	0.007	0.130	0.040L
29 07 78 1650			.3		62.0	18.20	4.05	11	0.40	3.60	28	0.005	0.070	0.020L
20 08 78 1230			.3		62.0	18.20	4.05	11	0.45	3.70	20			
30 09 78 1335			.3		58.0	16.80	3.95	15	0.45	3.40	16	0.004	0.10	0.02 L
29 11 78 1540			.3		69.0	21.00	4.10	14	0.45	4.10	68			
27 12 78 1415			.3		66.0	19.20	4.35	16	0.50	3.60	40	0.006	0.160	0.020L
MAXIMUM					69.0	21.00	4.35	23	0.50	4.10	68	0.007	0.160	0.040
AVG OR GEOM MN (*)					58.0	17.18	3.66	14	0.41	3.39	270	0.005	0.099D	0.025D
MINIMUM					25.0	8.80	0.65	5	0.25	1.70	10	0.004	0.050	0.020
NO OF SAMPLES					8	8	8	8	8	8	8	9	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
22 01 78 1210			.3		0.010L	0.030L	0.005L	0.030		0.020L		0.020L
19 02 78 1130			.3		0.010	0.030L	0.005L	0.010L		0.020L		0.020L
25 04 78 1605			.3		0.010	0.030L	0.005L	0.030	0.015	0.020L	0.01L	0.020L
29 05 78 1545			.3		0.020	0.030L	0.005L	0.010	0.014	0.020L	0.01L	0.020L
22 06 78 1350			.3		0.050	0.030L	0.005L	0.010L	0.008	0.020L	0.01L	0.020L
29 07 78 1650			.3		0.040	0.030L	0.005L	0.010L	0.015	0.020L	0.01L	0.020L
20 08 78 1230			.3						0.014			
30 09 78 1335			.3		0.02	0.03 L	0.005L	0.01 L	0.031	0.02 L	0.01L	0.02 L
29 11 78 1540			.3						0.034			
27 12 78 1415			.3		0.020	0.003L	0.005L	0.010	0.020	0.020L	0.01L	0.020L
MAXIMUM					0.050	0.030	0.005	0.030	0.034	0.020	0.01	0.020
AVG OR GEOM MN (*)					0.023D	0.027D	0.005D	0.015D	0.019	0.020D	0.01D	0.020D
MINIMUM					0.010	0.003	0.005	0.010	0.008	0.020	0.01	0.020
NO OF SAMPLES					8	8	8	8	8	8	6	8

B.O.W./ SITE: WABI CREEK
SAMPLE POINT: HIGHWAY 11 BYPASS NEAR NEW LISKEARD
STATION TYPE: RIVER

STATION ID: 18-7450-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: WABI CREEK

STORET CODE: 02
006
6970

STN NO: 1 LAT: LONG: U T M: 17 0508800.0 5263650.0 4 REGION: 05 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
22 01 78 1600			.3		23307	4	820.	52.	4. L	1.0		1.8	0.023	0.004
19 02 78 1500			.3		23329	4	1000.	136.	24.	1.0		0.8	0.046	0.009
26 03 78 1300			.3		23346	4	15000E+1G	4400.	444.	2.0	5.0	2.0	0.315	0.225
25 04 78 1700			.3		23038					0.0	9.0	2.4	1.350	0.255
29 05 78 1705			.3		23058					26.0	8.0	1.5	0.222	0.145
22 06 78 1045			.3		23078					22.0	9.0	1.0	0.197	0.145
29 07 78 1500			.3		23098					22.0	8.0	0.8	0.091	0.047
20 08 78 1030			.3		23118					24.0	7.0	0.4	0.125	0.099
30 09 78 1135			.3		23138					12.0		2.2	0.282	0.190
27 10 78 1940			.3		23158	6						1.2	0.066	0.039
29 11 78 1320			.3		23178	0 4				0.0		0.6	0.040	0.012
27 12 78 1105			.3		23198	4				0.0	13.0	0.2	0.024	0.010

(C O N T D)

STATION ID: 18-7450-001-02

B.O.W./ SITE: WABI CREEK
SAMPLE POINT: HIGHWAY 11 BYPASS NEAR NEW LISKEARD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: WABI CREEK

STORET CODE: 02
006
6970

STN NO: 1 LAT: LONG: U T M: 17 0598800.0 5263650.0 4 REGION: 05 MILEAGE: 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
MAXIMUM							15000E+1	4400.	444.	26.0	13.0	2.4	1.350	0.255
AVG OR GEOM MN (*)							4972.* U	315.*	35.* D	10.0	8.4	1.2	0.232	0.098
MINIMUM							820.	52.	4.	0.0	5.0	0.2	0.023	0.004
NO OF SAMPLES							3	3	3	11	7	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
22 01 78 1600			.3		0.004	0.460	0.006	0.084	0.094	0.456	0.550	39.0	3.2	36
19 02 78 1500			.3		0.028	0.540	0.006	0.120	0.154	0.512	0.666	95.0	6.6	88
26 03 78 1300			.3		0.790	1.700	0.007	0.183	0.980	0.910	1.890	226.0	34.0	192
25 04 78 1700			.3		0.200	2.350	0.058	0.915	1.173	2.150	3.323	1298.0	1191.0	107
29 05 78 1705			.3		0.310	0.580	0.040	0.015	0.365	0.270	0.635	167.0	30.0	137
22 06 78 1045			.3		0.338	1.000	0.011	0.025	0.374	0.662	1.036	114.0	10.0	104
29 07 78 1500			.3		0.046	0.550	0.010	0.010	0.066	0.504	0.570	168.0	8.8	159
20 08 78 1030			.3		0.078	0.660	0.016	0.039	0.133	0.582	0.715	138.0	18.0	120
30 09 78 1135			.3		0.280	1.020	0.013	0.115	0.408	0.740	1.148	162.0	16.0	146
27 10 78 1940			.3		0.063	0.600	0.012	0.058	0.133	0.537	0.670	165.0	9.0	156
29 11 78 1320			.3		0.008	0.400	0.006	0.230	0.244	0.392	0.636	81.0	6.0	74
27 12 78 1105			.3		0.004	0.330	0.005	0.162	0.171	0.326	0.497	44.0	2.5	41
MAXIMUM					0.790	2.350	0.058	0.915	1.173	2.150	3.323	1298.0	1191.0	192
AVG OR GEOM MN (*)					0.179	0.849	0.016	0.163	0.358	0.670	1.028	224.8	111.3	113
MINIMUM					0.004	0.330	0.005	0.010	0.066	0.270	0.497	39.0	2.5	36
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L
22 01 78 1600			.3		56	6.10	1.7							
19 02 78 1500			.3		136	13.00	2.9							
26 03 78 1300			.3		295	32.00	9.9							
25 04 78 1700			.3		165	420.00	7.3	18.0	2.85	1.6	131	8.04	59.000	1.0L
29 05 78 1705			.3		210	25.00	9.1	17.0	2.15	1.7	80	7.56	2.200	1.0
22 06 78 1045			.3		160	9.10	7.6	16.0	2.45	2.9	54	7.62	0.750	2.0
29 07 78 1500			.3		245	16.00	12.0	13.0	2.40	3.7	102	7.91	0.870	1.0L
20 08 78 1030			.3		185	17.00	5.5	13.0	2.10	2.1	75	7.76	1.160	1.0L
30 09 78 1135			.3		225	17.00	9.3	14.5	2.70	1.7	91	7.78	0.890	1.0L
27 10 78 1940			.3		240	21.00	7.4	21.0	3.05	5.4	98	7.10	1.300	
29 11 78 1320			.3		114	1.70	2.9	14.0	2.60	2.3	38	7.42	0.930	7.0
27 12 78 1105			.3		62	8.70	1.3	12.0	2.30	2.4	20	7.16	0.800	2.0
MAXIMUM					295	420.00	12.0	21.0	3.05	5.4	131	8.04	59.000	7.0
AVG OR GEOM MN (*)					174	48.88	6.4	15.4	2.51	2.6	77	7.59	7.544	2.0D
MINIMUM					56	1.70	1.3	12.0	2.10	1.6	20	7.10	0.750	1.0
NO OF SAMPLES					12	12	12	9	9	9	9	9	9	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L
25 04 78 1700			.3		170.0	49.00	11.50		1.50	8.20	87	0.006	0.140	0.170
29 05 78 1705			.3		91.0	25.00	7.00	83	1.20	7.10	37	0.014	1.800	0.040L
22 06 78 1045			.3		66.0	18.20	5.10	72	1.25	6.10	19	0.004	0.980	0.040L
29 07 78 1500			.3		108.0	31.00	7.50	58	1.45	10.40	35	0.002	1.300	0.020L
20 08 78 1030			.3		75.0	21.00	5.50	58	1.35	5.10	26			
30 09 78 1135			.3		94.0	26.00	7.00	48	1.75	7.40	31	0.002	1.2	0.04 L
27 10 78 1940			.3		108.0	30.00	8.00	88	1.55	6.00	24	0.001	0.270	0.160
29 11 78 1320			.3		53.0	15.40	3.60	63	1.20	3.30	46			
27 12 78 1105			.3		24.0	7.20	1.55	79	1.00	1.80	54	0.001	1.100	0.020L
MAXIMUM					170.0	49.00	11.50	88	1.75	10.40	87	0.014	1.800	0.170
AVG OR GEOM MN (*)					87.7	24.76	6.31	69	1.36	6.16	40	0.004	0.970	0.070D
MINIMUM					24.0	7.20	1.55	48	1.00	1.80	19	0.001	0.140	0.020
NO OF SAMPLES					9	9	9	8	9	9	9	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
25 04 78 1700			.3		0.060	0.030L	0.005L	0.150	1.200	0.070	0.01L	0.020
29 05 78 1705			.3		0.030	0.030L	0.005L	0.010L	0.060	0.020L	0.01L	0.020L
22 06 78 1045			.3		0.140	0.030L	0.005L	0.010	0.032	0.020L	0.01L	0.020L
29 07 78 1500			.3		0.030	0.030L	0.005L	0.020	0.050	0.020L	0.01L	0.020L
20 08 78 1030			.3						0.068			
30 09 78 1135			.3		0.02	0.03 L	0.005L	0.02	0.044	0.02	0.01L	0.02 L
27 10 78 1940			.3		0.020	0.030L	0.005L	0.030	0.054	0.020L	0.01L	0.020L
29 11 78 1320			.3						0.030			
27 12 78 1105			.3		0.100	0.003L	0.005L	0.030	0.028	0.020L	0.02	0.020L
MAXIMUM					0.140	0.030	0.005	0.150	1.200	0.070	0.02	0.020
AVG OR GEOM MN (*)					0.057	0.026D	0.005D	0.030D	0.174	0.027D	0.01D	0.020D
MINIMUM					0.02	0.003	0.005	0.010	0.028	0.020	0.01	0.020
NO OF SAMPLES					7	7	7	7	9	7	7	7

B.O.W./ SITE: LARDER LAKE
SAMPLE POINT: NEAR TAILINGS AREA, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 2 LAT: LONG: U T M: 17 0602100.0 5328850.0 4 REGION: 05 MILEAGE: 50.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
01 01 78 1520			.3		23297	4	0.0	0.6	0.021	0.011	0.012	0.310	0.005	0.455
31 01 78 1600			.3		23005	4	0.0	0.8	0.016	0.010	0.022	0.300	0.013	0.417
25 03 78 1520			.3		23025	4	0.0	0.2	0.008	0.004	0.004	0.290	0.035	0.540
MAXIMUM							0.00	0.8	0.021	0.011	0.022	0.310	0.035	0.540
AVG OR GEOM MN (*)							0.0	0.5	0.015	0.008	0.013	0.300	0.018	0.471
MINIMUM							0.0	0.2	0.008	0.004	0.004	0.290	0.005	0.417
NO OF SAMPLES							3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
01 01 78 1520			.3		0.472	0.298	0.770	113.0	1.0		172	0.85	5.1	30.0
31 01 78 1600			.3		0.452	0.278	0.730	108.0	0.8	107	164	0.80	4.7	28.5
25 03 78 1520			.3		0.579	0.286	0.865	109.0	0.8	108	166	1.10	5.3	29.5
MAXIMUM					0.579	0.298	0.865	113.0	1.0	108	172	1.10	5.3	30.0
AVG OR GEOM MN (*)					0.501	0.287	0.788	110.0	0.9	108	167	0.92	5.0	29.3
MINIMUM					0.452	0.278	0.730	108.0	0.8	107	164	0.80	4.7	28.5
NO OF SAMPLES					3	3	3	3	3	2	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
01 01 78 1520			.3		0.65	2.0	43	7.55	0.080	73.0	20.00	5.50	20	1.05
31 01 78 1600			.3		0.60	3.9	42	7.25	0.120	71.0	19.60	5.30	10	1.00
25 03 78 1520			.3		0.65	2.4	43	7.60	0.100	70.0	19.2	5.25	20	1.00
MAXIMUM					0.65	3.9	43	7.60	0.120	73.0	20.00	5.50	20	1.05
AVG OR GEOM MN (*)					0.63	2.8	43	7.47	0.100	71.3	19.60	5.35	17	1.02
MINIMUM					0.60	2.0	42	7.25	0.080	70.0	19.2	5.25	10	1.00
NO OF SAMPLES					3	3	3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
01 01 78 1520			.3		4.60	27		0.150		0.060			0.010	0.005
31 01 78 1600			.3		4.30	21	0.022	0.180	0.020L	0.060	0.030L	0.005L	0.030	0.007
25 03 78 1520			.3		4.60	27	0.019	0.080	0.020L	0.060	0.030L	0.005L	0.030	0.006
MAXIMUM					4.60	27	0.022	0.180	0.020	0.060	0.030	0.005	0.030	0.007
AVG OR GEOM MN (*)					4.50	25	0.021	0.137	0.020D	0.060	0.030D	0.005D	0.023	0.006
MINIMUM					4.30	21	0.019	0.080	0.020	0.060	0.030	0.005	0.010	0.005
NO OF SAMPLES					3	3	2	3	2	3	2	2	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
01 01 78 1520			.3		0.020	
31 01 78 1600			.3		0.020L	0.020L
25 03 78 1520			.3		0.040	0.020L
MAXIMUM					0.040	0.020
AVG OR GEOM MN (*)					0.027D	0.020D
MINIMUM					0.020	0.020
NO OF SAMPLES					3	2

B.O.W./ SITE: LARDER LAKE
SAMPLE POINT: PUBLIC BEACH, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 3 LAT: LONG: U T M: 17 0595700.0 5327375.0 4 REGION: 05 MILEAGE: 51.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
01 01 78 1600			.3		23298	4	0.0		0.6	0.051	0.010	0.032	0.300	0.005
31 01 78 1705			.3		23006	4	0.0		1.4	0.010	0.009	0.020	0.330	0.015
27 02 78 1515			.3		23016	4	0.0	13.0	2.4	0.011	0.002	0.006	0.490	0.032
25 03 78 1555			.3		23026	4	0.0	10.0	0.2	0.013	0.006	0.002	0.370	0.033
29 05 78 1815			.3		23059		20.0	8.0	0.5	0.015	0.008	0.038	0.500	0.004
22 06 78 2045			.3		23079		15.0	7.0	0.2	0.018	0.009	0.010	0.310	0.002
24 07 78 1845			.3		23099		22.0	9.0	0.5	0.019	0.009	0.030	0.380	0.005
20 08 78 1915			.3		23119				0.2	0.018	0.010	0.021	0.280	0.005
25 09 78 2110			.3		23139		13.0		0.2	0.011	0.007	0.056	0.230	0.008
22 10 78 1640			.3		23159	6			0.6	0.013	0.008	0.010	0.260	0.001
30 11 78 1500			.3		23179	0 4	0.0		0.6	0.017	0.009	0.006	0.290	0.003
28 12 78 1125			.3		23199	4	0.0	13.0	0.2	0.012	0.009	0.012	0.280	0.012
MAXIMUM							22.0	13.0	2.4	0.051	0.010	0.056	0.500	0.033
AVG OR GEOM MN (*)							7.0	10.0	0.6	0.017	0.008	0.020	0.335	0.010
MINIMUM							0.0	7.0	0.2	0.010	0.002	0.002	0.230	0.001
NO OF SAMPLES							10	6	12	12	12	12	12	12

(C O N T D)

B.O.W./ SITE: LARDER LAKE
SAMPLE POINT: PUBLIC BEACH, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 3 LAT: LONG: U T M: 17 0595700.0 5327375.0 4 REGION: 05 MILEAGE: 51.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 01 78 1600			.3		0.465	0.502	0.268	0.770	114.0	1.0		174	1.10	5.3
31 01 78 1705			.3		0.430	0.465	0.310	0.775	113.0	3.7	109	168	2.90	5.0
27 02 78 1515			.3		0.488	0.526	0.484	1.010	111.0	2.0		168	1.90	5.2
25 03 78 1555			.3		0.542	0.577	0.368	0.945	111.0	0.8	110	170	1.10	5.0
29 05 78 1815			.3		0.445	0.487	0.462	0.949	93.0	2.4	91	139	1.60	4.0
22 06 78 2045			.3		0.465	0.477	0.300	0.777	95.0	1.5	94	144	1.40	4.3
24 07 78 1845			.3		0.415	0.450	0.350	0.800	97.0	5.4	92	142	2.80	4.6
20 08 78 1915			.3		0.365	0.391	0.259	0.650	99.0	2.9	96	148	1.30	4.5
25 09 78 2110			.3		0.080	0.144	0.174	0.318	103.0	2.2	101	155	1.00	4.8
22 10 78 1640			.3		0.465	0.476	0.250	0.726	102.0	0.8	101	155	0.90	4.7
30 11 78 1500			.3		0.500	0.509	0.284	0.793	105.0	1.0	104	160	1.40	4.7
28 12 78 1125			.3		0.518	0.542	0.268	0.810	107.0	1.0L	107	165	1.30	5.0
MAXIMUM					0.542	0.577	0.484	1.010	114.0	5.4	110	174	2.90	5.3
AVG OR GEOM MN (*)					0.432	0.462	0.315	0.777	104.2	2.1D	101	157	1.56	4.8
MINIMUM					0.080	0.144	0.174	0.318	93.0	0.8	91	139	0.90	4.0
NO OF SAMPLES					12	12	12	12	12	12	10	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAGNESIUM MG/L
01 01 78 1600			.3		30.0	0.75		45	7.82	0.080			20.00	5.70
31 01 78 1705			.3		29.5	0.65	4.5	42	7.35	0.110		73.0	20.20	5.40
27 02 78 1515			.3				2.0	42	7.64	0.580		68.0	18.60	5.20
25 03 78 1555			.3		30.0	0.75	2.8	42	7.59	0.050		72.0	19.80	5.40
29 05 78 1815			.3		24.5	1.05	1.8	36	7.75	0.130	1.0L	58.0	16.00	4.50
22 06 78 2045			.3		26.0	0.95	0.7	41	8.16	0.050	2.0	62.0	16.40	5.00
24 07 78 1845			.3		27.5	0.65	1.7	37	7.82	0.260		61.0	17.20	4.45
20 08 78 1915			.3		25.5	0.60	0.2	39	8.15	0.060	1.0	63.0	17.20	4.85
25 09 78 2110			.3		26.0	0.50	1.5	41	7.71	0.080		61.0	16.80	4.70
22 10 78 1640			.3		28.5	0.55	3.0	41	7.88	0.040		62.0	17.20	4.55
30 11 78 1500			.3		28.0	0.70	2.1	41	7.57	0.110	3.0	65.0	18.40	4.60
28 12 78 1125			.3		29.0	1.00	0.6	42	7.95	0.040	1.0	67.0	18.40	5.00
MAXIMUM					30.0	1.05	4.5	45	8.16	0.580	3.0	73.0	20.20	5.70
AVG OR GEOM MN (*)					27.7	0.74	1.9	41	7.78	0.133	1.6D	64.7	18.02	4.95
MINIMUM					24.5	0.50	0.2	36	7.35	0.040	1.0	58.0	16.00	4.45
NO OF SAMPLES					11	11	11	12	12	12	5	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
01 01 78 1600			.3		15	1.10	4.60	28		0.050L		0.060		
31 01 78 1705			.3		10	1.05	4.80	25	0.021	0.110	0.020L	0.060	0.030L	0.005L
27 02 78 1515			.3		15		4.80	25	0.021	0.110	0.020L	0.060	0.030L	0.005L
25 03 78 1555			.3		20	1.00	4.60	21	0.019	0.050L	0.020L	0.040	0.030L	0.005L
29 05 78 1815			.3		33	0.85	3.50	18	0.017	0.220	0.040L	0.040	0.030L	0.005L
22 06 78 2045			.3		33	0.85	3.70	15	0.023	0.140	0.040L	0.030	0.030L	0.005L
24 07 78 1845			.3		34	0.90	4.20	26	0.020	0.360	0.020L	0.060	0.030L	0.005L
20 08 78 1915			.3		22	0.90	4.20	22						
25 09 78 2110			.3		22	0.95	4.40	30						
22 10 78 1640			.3		18	0.95	4.50	28	0.021	0.120	0.020L	0.060	0.030L	0.005L
30 11 78 1500			.3		19	1.00	4.20	100	0.022	0.060	0.020L	0.040	0.030L	0.005L
28 12 78 1125			.3		27	1.05	4.10	48	0.024	0.260	0.020L	0.050	0.030L	0.005L
MAXIMUM					34	1.10	4.80	100	0.024	0.360	0.040	0.060	0.030	0.005
AVG OR GEOM MN (*)					22	0.96	4.30	32	0.021	0.148D	0.024D	0.050	0.030D	0.005D
MINIMUM					10	0.85	3.50	15	0.017	0.050	0.020	0.030	0.030	0.005
NO OF SAMPLES					12	11	12	12	9	10	9	10	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
01 01 78 1600			.3		0.020	0.005	0.020		
31 01 78 1705			.3		0.020	0.008	0.040		0.020L
27 02 78 1515			.3		0.020	0.008	0.040		0.020L
25 03 78 1555			.3		0.030	0.004	0.040		0.020L
29 05 78 1815			.3		0.010	0.014	0.020L	0.01L	0.020L
22 06 78 2045			.3		0.020	0.006	0.030	0.01L	0.020L
24 07 78 1845			.3		0.010L	0.014	0.020	0.01L	0.020L
20 08 78 1915			.3			0.009			
25 09 78 2110			.3			0.010			
22 10 78 1640			.3		0.020	0.007	0.020L	0.01L	0.020L
30 11 78 1500			.3		0.010	0.006	0.050	0.01L	0.020L
28 12 78 1125			.3		0.020	0.006	0.020L	0.01L	0.020L
MAXIMUM					0.030	0.014	0.050	0.01	0.020
AVG OR GEOM MN (*)					0.018D	0.008	0.030D	0.01D	0.020D
MINIMUM					0.010	0.004	0.020	0.01	0.020
NO OF SAMPLES					10	12	10	6	9

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: HIGHWAY 112. 8 MILES SOUTH OF SWASTIKA
STATION TYPE: RIVER

STATION ID: 18-7710-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 4 LAT: LONG:

U T M: 17 0573250.0 5315950.0 4 REGION: 05

MILEAGE: 53.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
01 01 78	1250			.3		23292	4	0.0	12.0	0.2	0.062	0.038	0.004	0.400	0.014
31 01 78	1215			.3		23000	4	0.0		0.2	0.054	0.043	0.022	0.430	0.013
27 02 78	1240			.3		23010	4	0.0	12.0	3.5	0.059	0.037	0.018	0.960	0.007
25 03 78	1230			.3		23020	4	0.0	10.0	1.8	0.070	0.003	0.162	1.570	0.012
26 04 78	1130			.3		23040		2.0	11.0	1.0	0.057	0.001	0.096	0.790	0.014
29 05 78	2000			.3		23060		25.0	8.0	1.5	0.062	0.026	0.208	0.760	0.006
22 06 78	1740			.3		23080		18.0	11.0	0.5	0.039	0.016	0.138	0.680	0.006
24 07 78	1455			.3		23100		22.0	8.0	1.0	0.032	0.003	0.090	0.680	0.006
20 08 78	1750			.3		23120		21.0		0.2	0.030	0.015	0.069	0.440	0.017
25 09 78	2015			.3		23140		11.0		0.2	0.020	0.009	0.020	0.520	0.003
22 10 78	1540			.3		23160		7.0		1.2	0.038	0.017	0.008	0.500	0.004
30 11 78	1300			.3		23181	0 4	0.0		0.4	0.055	0.039	0.004	0.430	0.002
28 12 78	1015			.3		23200	4	0.0	12.0	0.2	0.061	0.047	0.043	0.460	0.044
MAXIMUM								25.0	12.0	3.5	0.070	0.047	0.208	1.570	0.044
AVG OR GEOM MN (*)								8.2	10.5	0.9	0.049	0.023	0.068	0.663	0.011
MINIMUM								0.0	8.0	0.2	0.020	0.001	0.004	0.400	0.002
NO OF SAMPLES								13	8	13	13	13	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 01 78	1250			.3		0.281	0.299	0.396	0.695	100.0	2.0		151	2.30	7.2
31 01 78	1215			.3		0.255	0.290	0.408	0.698	105.0	1.9	103	159	3.30	6.8
27 02 78	1240			.3		0.378	0.403	0.942	1.345	117.0	6.0		171	2.70	9.5
25 03 78	1230			.3		0.453	0.627	1.408	2.035	123.0	7.4	116	178	3.30	9.0
26 04 78	1130			.3		0.125	0.235	0.694	0.929	97.0	16.0	81	124	14.00	7.5
29 05 78	2000			.3		0.005	0.219	0.552	0.771	93.0	8.1	85	128	2.50	5.9
22 06 78	1740			.3		0.010	0.154	0.542	0.696	87.0	5.7	81	124	3.00	5.7
24 07 78	1455			.3		0.024	0.120	0.590	0.710	82.0	5.4	77	119	3.00	5.3
20 08 78	1750			.3		0.068	0.154	0.371	0.525	89.0	3.4	86	132	2.60	5.7
25 09 78	2015			.3		0.415	0.438	0.500	0.938	90.0	3.6	86	132	2.80	5.6
22 10 78	1540			.3		0.165	0.177	0.492	0.669	85.0	3.8	81	124	2.70	5.6
30 11 78	1300			.3		0.300	0.306	0.426	0.732	93.0	3.0	90	138	3.30	6.0
28 12 78	1015			.3		0.302	0.399	0.417	0.806	114.0	6.9	107	165	4.40	11.0
MAXIMUM						0.453	0.627	1.408	2.035	123.0	16.0	116	178	14.00	11.0
AVG OR GEOM MN (*)						0.214	0.293	0.595	0.888	98.1	5.6	90	142	3.84	7.0
MINIMUM						0.005	0.120	0.371	0.525	82.0	1.9	77	119	2.30	5.3
NO OF SAMPLES						13	13	13	13	13	13	11	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
01 01 78	1250			.3				2.5	48	7.25	0.200		58.0	16.00	4.50
31 01 78	1215			.3		16.0	1.65	6.9	50	7.25	0.210		68.0	19.40	4.65
27 02 78	1240			.3				5.3	54	7.09	0.290		69.0	19.60	4.80
25 03 78	1230			.3		16.5	1.75	9.7	56	7.07	0.300		67.0	19.20	4.70
26 04 78	1130			.3		12.0	2.80	3.8	34	7.28	1.450	1.0L	50.0	13.80	3.85
29 05 78	2000			.3		15.0	1.30	1.2	40	7.66	0.280	1.0L	49.0	14.00	3.50
22 06 78	1740			.3		15.5	0.95	1.7	40	7.69	0.270	2.0	53.0	14.80	3.85
24 07 78	1455			.3		14.5	0.75	3.0	39	7.41	0.280	1.0L	52.0	15.20	3.35
20 08 78	1750			.3		14.5	0.60	1.6	44	7.60	0.260	1.0	58.0	16.60	3.90
25 09 78	2015			.3		14.0	1.00	1.3	47	7.53	0.300		56.0	16.00	3.80
22 10 78	1540			.3		16.0	1.45	3.2	40	7.99	0.320		52.0	14.80	3.55
30 11 78	1300			.3		15.5	1.85	1.9	44	7.43	0.280	3.0	60.0	17.20	4.05
28 12 78	1015			.3		17.5	2.00	2.2	47	7.66	0.290	1.0	62.0	17.60	4.50
MAXIMUM						17.5	2.80	9.7	56	7.99	1.450	3.0	69.0	19.60	4.80
AVG OR GEOM MN (*)						15.2	1.46	3.4	45	7.46	0.359	1.4D	58.0	16.48	4.08
MINIMUM						12.0	0.60	1.2	34	7.07	0.200	1.0	49.0	13.80	3.35
NO OF SAMPLES						11	11	13	13	13	13	7	13	13	13

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
01 01 78	1250			.3		30									
31 01 78	1215			.3		30	1.00	5.50	29						
27 02 78	1240			.3		30		5.50	29						
25 03 78	1230			.3		30	2.00	7.30	31						
26 04 78	1130			.3		70G	1.20	4.90	56	0.001	1.500	0.020L	0.030	0.030L	0.005L
29 05 78	2000			.3		56	0.80	4.20	31	0.001L	0.280	0.040L	0.040	0.030L	0.005L
22 06 78	1740			.3		68	0.80	4.70	25	0.001	0.320	0.040L	0.060	0.030L	0.005L
24 07 78	1455			.3		91	0.75	4.20	36	0.001	0.400	0.020L	0.040	0.030L	0.005L
20 08 78	1750			.3		57	0.80	4.30	37						
25 09 78	2015			.3		71	0.85	4.60	25						
22 10 78	1540			.3		77	0.80	4.20	46	0.001	0.290	0.020	0.040	0.030L	0.005L
30 11 78	1300			.3		56	0.95	4.60	41	0.001	0.570	0.020	0.020	0.030L	0.005L
28 12 78	1015			.3		56	1.10	7.30	54	0.001L	0.380	0.020L	0.010	0.030L	0.005L
MAXIMUM						91	2.00	7.30	56	0.001	1.500	0.040	0.060	0.030	0.005
AVG OR GEOM MN (*)						56U	1.01	5.11	37	0.001D	0.534	0.026D	0.034	0.030D	0.005D
MINIMUM						30	0.75	4.20	25	0.001	0.280	0.020	0.010	0.030	0.005
NO OF SAMPLES						13	11	12	12	7	7	7	7	7	7

(C O N T D)

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: HIGHWAY 112. 8 MILES SOUTH OF SWASTIKA
STATION TYPE: RIVER
STATION ID: 18-7710-004-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER
STORET CODE: 02
006
7230

STN NO: 4 LAT: LONG: U T M: 17 0573250.0 5315950.0 4 REGION: 05 MILEAGE: 53.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
31 01 78	1215			.3			0.021			
27 02 78	1240			.3			0.021			
25 03 78	1230			.3			0.022			
26 04 78	1130			.3		0.010L	0.080	0.020L	0.01L	0.020L
29 05 78	2000			.3		0.010L	0.040	0.020L	0.01L	0.020L
22 06 78	1740			.3		0.010	0.027	0.020L	0.01L	0.020L
24 07 78	1455			.3		0.010	0.030	0.020L	0.01L	0.020L
20 08 78	1750			.3			0.028			
25 09 78	2015			.3			0.026			
22 10 78	1540			.3		0.010L	0.036	0.020L	0.01L	0.020L
30 11 78	1300			.3		0.010L	0.072	0.020L	0.01L	0.020L
28 12 78	1015			.3		0.010L	0.065	0.020L	0.01L	0.020L
MAXIMUM						0.010	0.080	0.020	0.01	0.020
AVG OR GEOM MN (*)						0.010D	0.039	0.020D	0.01D	0.020D
MINIMUM						0.010	0.021	0.020	0.01	0.020
NO OF SAMPLES						7	12	7	7	7

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: AT HIGHWAY 66 SWASTIKA
STATION TYPE: RIVER FLOW GAUGE FED 02JC009
STATION ID: 18-7710-005-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER
STORET CODE: 02
006
7230

STN NO: 5 LAT: LONG: U T M: 17 0566700.0 5328450.0 4 REGION: 05 MILEAGE: 64.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L
01 01 78	1340			.3		23295	4		0.0		0.4	0.045	0.007	0.042	0.590
31 01 78	1310			.3		23003	4	24.00	0.0		0.6	0.015	0.012	0.064	0.450
27 02 78	1320			.3		23013	4	21.20	0.0	10.0	0.4	0.037	0.020	0.072	0.580
25 03 78	1330			.3		23023	4	21.20	0.0	9.0	0.2	0.029	0.012	0.058	0.470
MAXIMUM								24.00	0.00	10.0	0.6	0.045	0.020	0.072	0.590
AVG OR GEOM MN (*)								22.13	0.0	9.5	0.4	0.032	0.013	0.059	0.523
MINIMUM								21.20	0.0	9.0	0.2	0.015	0.007	0.042	0.450
NO OF SAMPLES								3	4	2	4	4	4	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS
01 01 78	1340			.3		0.002	0.008	0.052	0.548	0.600	74.0	1.0		113	1.80
31 01 78	1310			.3		0.003	0.005L	0.072	0.386	0.458	75.0	1.3	74	115	2.20
27 02 78	1320			.3		0.007	0.053	0.132	0.508	0.640	76.0	1.4		116	1.70
25 03 78	1330			.3		0.002	0.073	0.133	0.412	0.545	80.0	1.7	78	120	2.20
MAXIMUM						0.007	0.073	0.133	0.548	0.640	80.0	1.7	78	120	2.20
AVG OR GEOM MN (*)						0.004	0.035D	0.097	0.464	0.561	76.3	1.4	76	116	1.98
MINIMUM						0.002	0.005	0.052	0.386	0.458	74.0	1.0	74	113	1.70
NO OF SAMPLES						4	4	4	4	4	4	4	2	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L
01 01 78	1340			.3		4.3			2.5	40	7.21	0.140	52.0	15.00	3.50
31 01 78	1310			.3		4.2	9.5	1.65	7.9	41	6.62	0.220	53.0	15.60	3.50
27 02 78	1320			.3		4.2			6.0	42	7.18	0.150	50.0	14.60	3.20
25 03 78	1330			.3		4.5	10.5	1.95	5.9	42	7.32	0.200	52.0	15.40	3.40
MAXIMUM						4.5	10.5	1.95	7.9	42	7.32	0.220	53.0	15.60	3.50
AVG OR GEOM MN (*)						4.3	10.0	1.80	5.6	41	7.08	0.178	51.8	15.15	3.40
MINIMUM						4.2	9.5	1.65	2.5	40	6.62	0.140	50.0	14.60	3.20
NO OF SAMPLES						4	2	2	4	4	4	4	4	4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
01 01 78	1340			.3		30				
31 01 78	1310			.3		20	0.40	3.30	31	0.050
27 02 78	1320			.3		30		3.30	31	0.050
25 03 78	1330			.3		30	0.45	3.40	25	0.046
MAXIMUM						30	0.45	3.40	31	0.050
AVG OR GEOM MN (*)						28	0.43	3.33	29	0.049
MINIMUM						20	0.40	3.30	25	0.046
NO OF SAMPLES						4	2	3	3	3

B.O.W./ SITE: MURDOCK CREEK
SAMPLE POINT: HIGHWAY 112. 2.5 MILES EAST OF SWASTIKA
STATION TYPE: RIVER

STATION ID: 18-7710-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 6 LAT: LONG: U T M: 17 0570250.0 5327999.0 4 REGION: 05 MILEAGE: 63.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
01 01 78 1315			.3		23294	4	0.0		5.5	1.350	0.944	6.300	8.200	0.010
31 01 78 1245			.3		23002	4	0.0		9.0	1.650	1.050	5.000	7.700	0.016
27 02 78 1300			.3		23012	4	0.0	8.0	7.0	1.500	1.270	7.600	7.600	0.020
25 03 78 1305			.3		23022	4	0.0	6.0	5.5	1.380	1.180	6.950	8.100	0.015
MAXIMUM							0.00	8.0	9.0	1.650	1.270	7.600	8.200	0.020
AVG OR GEOM MN (*)							0.0	7.0	6.8	1.470	1.111	6.463	7.900	0.015
MINIMUM							0.0	6.0	5.5	1.350	0.944	5.000	7.600	0.010
NO OF SAMPLES							4	2	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 01 78 1315			.3		0.080	6.390	1.900	8.290	224.0	24.0		308	8.40	28.5
31 01 78 1245			.3		0.005L	5.021	2.700	7.721	172.0	13.0	159	245	7.70	18.0
27 02 78 1300			.3		0.035	7.655	0.000	7.655	190.0	12.0		274	5.60	21.0
25 03 78 1305			.3		0.025	6.990	1.150	8.140	251.0	8.4	243	374	5.40	53.0
MAXIMUM					0.080	7.655	2.700	8.290	251.0	24.0	243	374	8.40	53.0
AVG OR GEOM MN (*)					0.036D	6.514	1.438	7.952	209.3	14.4	201	300	6.78	30.1
MINIMUM					0.005	5.021	0.000	7.655	172.0	8.4	159	245	5.40	18.0
NO OF SAMPLES					4	4	4	4	4	4	2	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS
01 01 78 1315			.3				12.6	80	6.93	1.720	76.0	22.00	5.00	50
31 01 78 1245			.3		18.5	2.40	19.1	75	6.80	1.350	66.0	18.60	4.65	50
27 02 78 1300			.3				20.4	79	6.94	1.100	60.0	17.20	4.25	50
25 03 78 1305			.3		19.5	2.50	19.6	78	6.93	1.000	65.0	20.60	4.85	40
MAXIMUM					19.5	2.50	20.4	80	6.94	1.720	76.0	22.00	5.00	50
AVG OR GEOM MN (*)					19.0	2.45	17.9	78	6.90	1.293	66.8	19.60	4.69	48
MINIMUM					18.5	2.40	12.6	75	6.80	1.000	60.0	17.20	4.25	40
NO OF SAMPLES					2	2	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
31 01 78 1245			.3		2.95	16.00	55	0.180
27 02 78 1300			.3			16.00	55	0.180
25 03 78 1305			.3		3.10	39.00	52	0.150
MAXIMUM					3.10	39.00	55	0.180
AVG OR GEOM MN (*)					3.03	23.67	54	0.170
MINIMUM					2.95	16.00	52	0.150
NO OF SAMPLES					2	3	3	3

B.O.W./ SITE: LARDER RIVER
SAMPLE POINT: AT WENDIGO LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-7710-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 7 LAT: LONG: U T M: 17 0592550.0 5303975.0 4 REGION: 05 MILEAGE: 33.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L
01 01 78 1720			.3		23299	4	0.0	0.8	0.016	0.004	0.004	0.320	0.003	0.182
27 02 78 1645			.3		23017	4	0.0	3.0	0.013	0.001L	0.116	0.910	0.008	0.292
25 03 78 1735			.3		23027	4	0.0	0.2	0.006	0.003	0.014	0.260	0.002	0.313
MAXIMUM							0.00	3.0	0.016	0.004	0.116	0.910	0.008	0.313
AVG OR GEOM MN (*)							0.0	1.3	0.012	0.003D	0.045	0.497	0.004	0.262
MINIMUM							0.0	0.2	0.006	0.001	0.004	0.260	0.002	0.182
NO OF SAMPLES							3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L
01 01 78 1720			.3		0.189	0.316	0.505	67.0	8.9		90	4.70	1.8	
27 02 78 1645			.3		0.416	0.794	1.210	77.0	4.3		113	2.30	3.6	
25 03 78 1735			.3		0.329	0.246	0.575	69.0	1.0	68	105	1.70	2.3	19.5
MAXIMUM					0.416	0.794	1.210	77.0	8.9	68	113	4.70	3.6	19.5
AVG OR GEOM MN (*)					0.311	0.452	0.763	71.0	4.7	68	103	2.90	2.6	19.5
MINIMUM					0.189	0.246	0.505	67.0	1.0	68	90	1.70	1.8	19.5
NO OF SAMPLES					3	3	3	3	3	1	3	3	3	1

(C O N T D)

STATION ID: 18-7710-007-02

B.O.W./ SITE: LARDER RIVER
SAMPLE POINT: AT WENDIGO LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 7 LAT: LONG: U T M: 17 0592550.0 5303975.0 4 REGION: 05 MILEAGE: 33.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L
01 01 78 1720			.3			1.9	24	7.08	0.680	39.0	10.00	3.50	30	
27 02 78 1645			.3			3.6	26	7.17	0.130	42.0	11.40	3.35	30	
25 03 78 1735			.3		1.50	4.0	26	7.30	0.130	44.0	11.80	3.50	20	0.70
MAXIMUM					1.50	4.0	26	7.30	0.680	44.0	11.80	3.50	30	0.70
AVG OR GEOM MN (*)					1.50	3.1	25	7.18	0.313	41.7	11.07	3.45	27	0.70
MINIMUM					1.50	1.9	24	7.08	0.130	39.0	10.00	3.35	20	0.70
NO OF SAMPLES					1	3	3	3	3	3	3	3	3	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	66 SODIUM NA MG/L	41 COD MG/L
25 03 78 1735			.3		2.80	21
MAXIMUM					2.80	21
AVG OR GEOM MN (*)					2.80	21
MINIMUM					2.80	21
NO OF SAMPLES					1	1

STATION ID: 18-7710-008-20

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: SWASTIKA MUNICIPAL WATERWORKS INTAKE
STATION TYPE: INTAKE MUNICIPAL WATER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 8 LAT: LONG: U T M: 17 0566700.0 5328500.0 4 REGION: 05 MILEAGE: 64.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
01 01 78 1405			.3		23296	4			1.0	0.022	0.003	0.008	0.500	0.002
31 01 78 1335			.3		23004	4			1.0	0.029	0.009	0.046	0.530	0.003
27 02 78 1335			.3		23014	4	0.0	10.0	1.8	0.014	0.001L	0.032	0.500	0.007
25 03 78 1350			.3		23024	4	0.0	8.0	0.2	0.004	0.003	0.054	0.430	0.001
MAXIMUM							0.00	10.0	1.8	0.029	0.009	0.054	0.530	0.007
AVG OR GEOM MN (*)							0.0	9.0	1.0	0.017	0.004D	0.035	0.490	0.003
MINIMUM							0.0	8.0	0.2	0.004	0.001	0.008	0.430	0.001
NO OF SAMPLES							2	2	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 01 78 1405			.3		0.013	0.023	0.492	0.515	78.0	2.7		115	2.10	4.5
31 01 78 1335			.3		0.005L	0.054	0.484	0.538	89.0	14.0	75	116	5.30	4.5
27 02 78 1335			.3		0.108	0.147	0.468	0.615	89.0	3.8		131	2.30	4.9
25 03 78 1350			.3		0.064	0.119	0.376	0.495	78.0	1.6	76	117	2.20	4.2
MAXIMUM					0.108	0.147	0.492	0.615	89.0	14.0	76	131	5.30	4.9
AVG OR GEOM MN (*)					0.048D	0.086	0.455	0.541	83.5	5.5	76	120	2.98	4.5
MINIMUM					0.005	0.023	0.376	0.495	78.0	1.6	75	115	2.10	4.2
NO OF SAMPLES					4	4	4	4	4	4	2	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS
01 01 78 1405			.3				3.7	41	7.08	0.300	52.0	15.00	3.50	30
31 01 78 1335			.3		9.5	1.60	8.4	46	7.08	0.750	54.0	15.80	3.50	30
27 02 78 1335			.3				7.3	49	7.11	1.000	59.0	17.40	3.80	30
25 03 78 1350			.3		9.5	1.90	7.8	42	6.93	0.240	52.0	15.20	3.30	30
MAXIMUM					9.5	1.90	8.4	49	7.11	1.000	59.0	17.40	3.80	30
AVG OR GEOM MN (*)					9.5	1.75	6.8	45	7.05	0.573	54.3	15.85	3.53	30
MINIMUM					9.5	1.60	3.7	41	6.93	0.240	52.0	15.00	3.30	30
NO OF SAMPLES					2	2	4	4	4	4	4	4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
31 01 78 1335			.3		0.40	3.20	31	0.260
27 02 78 1335			.3			3.20	31	0.260
25 03 78 1350			.3		0.45	3.20	31	0.055
MAXIMUM					0.45	3.20	31	0.260
AVG OR GEOM MN (*)					0.43	3.20	31	0.192
MINIMUM					0.40	3.20	31	0.055
NO OF SAMPLES					2	3	3	3

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: AT BRIDGE ON ROSEGROVE BEACH ROAD
STATION TYPE: RIVER

STATION ID: 18-7710-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO: 9 LAT: LONG: U T M: 17 0569375.0 5319725.0 4 REGION: 05 MILEAGE: 60.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCO	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L
01 01 78	1215			.3		23293	4	0.0		1.6	0.093	0.050	0.384	0.920	0.009
31 01 78	1130			.3		23001	4	0.0		1.4	0.131	0.082	0.510	1.130	0.015
27 02 78	1200			.3		23011	4	0.0		2.4	0.151	0.145	0.917	1.010	0.023
25 03 78	1145			.3		23021	4	0.0		1.6	0.177	0.145	0.780	1.350	0.015
26 04 78	1030			.3		23041		0.0		1.8	0.094	0.036	0.242	1.020	0.020
29 05 78	1910			.3		23061		24.0	7.0	1.2	0.072	0.026	0.052	0.680	0.013
22 06 78	1710			.3		23081		18.0	7.0	0.4	0.058	0.026	0.070	0.550	0.017
24 07 78	1525			.3		23101		24.0	8.0	0.5	0.055	0.023	0.044	0.530	0.015
20 08 78	1815			.3		23121		21.0		0.2	0.078	0.061	0.039	0.400	0.022
25 09 78	2025			.3		23141		12.0		0.2	0.062	0.045	0.032	0.500	0.010
22 10 78	1555			.3		23161		6.0		1.2	0.052	0.023	0.086	0.540	0.013
30 11 78	1340			.3		23180	0 4	0.0		0.8	0.071	0.045	0.270	0.780	0.013
MAXIMUM								24.0	8.0	2.4	0.177	0.145	0.917	1.350	0.023
AVG OR GEOM MN (*)								8.8	7.3	1.1	0.091	0.059	0.286	0.784	0.015
MINIMUM								0.0	7.0	0.2	0.052	0.023	0.032	0.400	0.009
NO OF SAMPLES								12	3	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 01 78	1215			.3		0.126	0.519	0.536	1.055	115.0	9.7		161	5.30	7.9
31 01 78	1130			.3		0.105	0.630	0.620	1.250	119.0	5.8	113	174	5.80	8.4
27 02 78	1200			.3		0.277	1.217	0.093	1.310	125.0	5.4		184	4.40	9.5
25 03 78	1145			.3		0.340	1.135	0.570	1.705	127.0	5.6	121	186	5.40	10.0
26 04 78	1030			.3		0.785	1.047	0.778	1.825	129.0	25.0	104	160	18.00	11.5
29 05 78	1910			.3		0.055	0.120	0.628	0.748	96.0	21.0	75	116	7.10	4.9
22 06 78	1710			.3		0.085	0.172	0.480	0.652	83.0	15.0	68	105	8.30	4.9
24 07 78	1525			.3		0.085	0.144	0.486	0.630	90.0	13.0	77	118	6.60	5.3
20 08 78	1815			.3		0.183	0.244	0.361	0.605	96.0	6.0	90	139	4.00	6.8
25 09 78	2025			.3		0.250	0.292	0.468	0.760	122.0	8.3	114	175	5.20	9.3
22 10 78	1555			.3		0.150	0.249	0.454	0.704	92.0	5.1	87	134	4.50	6.3
30 11 78	1340			.3		0.190	0.473	0.510	0.983	100.0	5.0	95	146	5.30	6.8
MAXIMUM						0.785	1.217	0.778	1.825	129.0	25.0	121	186	18.00	11.5
AVG OR GEOM MN (*)						0.219	0.520	0.499	1.019	107.8	10.4	94	150	6.66	7.6
MINIMUM						0.055	0.120	0.093	0.605	83.0	5.0	68	105	4.00	4.9
NO OF SAMPLES						12	12	12	12	12	12	10	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAGNESIUM MG/L
01 01 78	1215			.3				4.7	51	7.30	0.610		63.0	18.00	4.50
31 01 78	1130			.3		17.5	1.90	7.9	53	7.23	0.470		70.0	20.20	4.70
27 02 78	1200			.3				6.8	58	7.14	0.450		67.0	19.20	4.60
25 03 78	1145			.3		18.5	2.40	5.2	58	7.41	0.480		70.0	20.00	4.85
26 04 78	1030			.3		18.5	2.40	5.3	38	7.23	1.250	1.0L	48.0	16.40	1.80
29 05 78	1910			.3		12.5	1.60	3.7	38	7.49	0.800	2.5	49.0	14.00	3.50
22 06 78	1710			.3		13.5	1.40	2.9	36	7.35	0.680	2.0	48.0	14.20	2.95
24 07 78	1525			.3		13.5	1.75	3.5	39	7.39	0.560	1.0L	53.0	15.60	3.30
20 08 78	1815			.3		14.0	1.60	0.5	46	7.96	0.340	1.0	58.0	16.80	3.80
25 09 78	2025			.3		17.5	1.35	2.5	56	7.60	0.460		69.0	19.80	4.85
22 10 78	1555			.3		18.0	2.25	2.2	42	7.09	0.440		60.0	17.80	3.75
30 11 78	1340			.3		17.5	2.50	2.7	46	7.33	0.440	3.0	60.0	17.20	4.10
MAXIMUM						18.5	2.50	7.9	58	7.96	1.250	3.0	70.0	20.20	4.85
AVG OR GEOM MN (*)						16.1	1.92	4.0	47	7.38	0.582	1.8D	59.6	17.43	3.89
MINIMUM						12.5	1.35	0.5	36	7.09	0.340	1.0	48.0	14.00	1.80
NO OF SAMPLES						10	10	12	12	12	12	6	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
01 01 78	1215			.3		30				
31 01 78	1130			.3		30	1.30	6.60	38	0.106
27 02 78	1200			.3		40		6.60	38	0.106
25 03 78	1145			.3		40	1.45	8.20	36	0.088
26 04 78	1030			.3		70G	1.70	7.80	43	0.136
29 05 78	1910			.3		63	0.70	3.50	27	0.070
22 06 78	1710			.3		66	0.80	4.10	23	0.052
24 07 78	1525			.3		79	0.75	4.20	36	0.052
20 08 78	1815			.3		50	1.10	5.60	20	0.037
25 09 78	2025			.3		60	1.50	7.50	27	0.036
22 10 78	1555			.3		68	1.10	4.80	37	0.041
30 11 78	1340			.3		57	1.15	5.20	93	0.050
MAXIMUM						79	1.70	8.20	93	0.136
AVG OR GEOM MN (*)						54U	1.16	5.83	38	0.070
MINIMUM						30	0.70	3.50	20	0.036
NO OF SAMPLES						12	10	11	11	11

B.O.W./ SITE: WINNIPEG RIVER
STATION ID: 19-0001-001-02
SAMPLE POINT: UPSTREAM OF O-M PULP & PAPER CO AT FIRST CPR BRIDGE WEST OF MAIN ST KENORA
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
STORET CODE: 05 001
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER

STN NO: 1 LAT: LONG: U T M: 15 0392025.0 5513975.0 4 REGION: 06 MILEAGE: 59.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1000			.3		21200	6				1.0	12.0	0.8	0.007	0.007
06 02 78 1145			.3		21202	6	2300.	316.	136.	1.0	10.5	0.8	0.016	0.007
06 03 78 1445			.3		21204	6	140.	12.	4. L	2.0	13.0	0.4	0.022	0.007
17 04 78 0900			.3		21206	6	410.	4.	12.	2.5	12.0	0.2	0.025	0.006
09 05 78 1430			.3		21208	6	520.	40.	20.	5.5	12.0	0.5	0.016	0.001
05 06 78 1030			.3		21210	6	500.	8.	32.	12.0	10.0	1.4	0.019	0.001
17 07 78 1345			.3		21212	6	15000. G	264.	120.	21.5	9.0	1.4	0.014	0.001L
08 08 78 1345			.3		21214	6	270.	4. L	60.	20.5	8.0	1.8	0.017	0.010
12 09 78 0930			.3		21216	5	100.	12.	12.	19.0	8.0	1.2	0.020	0.001
10 10 78 1500			.3		21218	5	2700.	240.	28.	13.0	9.0	0.6	0.024	0.004
06 11 78 1145			.3		21220		41000.	440.	48.	7.0	10.0	0.6	0.024	0.005
11 12 78 1130			.3		21222	6	330.	4. L	16.	1.0	11.0	0.6	0.022	0.010
MAXIMUM							41000.	440.	136.	21.5	13.0	1.8	0.025	0.010
AVG OR GEOM MN (*)							940.* U	31.* D	28.* D	8.8	10.4	0.9	0.019	0.005D
MINIMUM							100.	4.	4.	1.0	8.0	0.2	0.007	0.001
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
04 01 78 1000			.3		0.010	0.340	0.003	0.010	0.023	0.330	0.353		1.0	130
06 02 78 1145			.3		0.020	0.410	0.003	0.030	0.053	0.390	0.443		1.0	132
06 03 78 1445			.3		0.010	0.380	0.003	0.040	0.053	0.370	0.423		1.0	132
17 04 78 0900			.3		0.010L	0.490	0.002	0.090	0.102	0.480	0.582		1.0	134
09 05 78 1430			.3		0.010L	0.420	0.002	0.040	0.052	0.410	0.462		3.0	128
05 06 78 1030			.3									100.0	5.0	122
17 07 78 1345			.3					0.010L				130.0	5.0	110
08 08 78 1345			.3					0.010L				85.0	3.0	117
12 09 78 0930			.3									95.0	3.0	114
10 10 78 1500			.3									90.0	2.0	110
06 11 78 1145			.3									50.	3.	121
11 12 78 1130			.3									100.	2.	115
MAXIMUM					0.020	0.490	0.003	0.090	0.102	0.480	0.582	130.0	5.0	134
AVG OR GEOM MN (*)					0.012D	0.408	0.003	0.033D	0.057	0.396	0.453	92.9	2.5	122
MINIMUM					0.010	0.340	0.002	0.010	0.023	0.330	0.353	50.	1.0	110
NO OF SAMPLES					5	5	5	7	5	5	5	7	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
04 01 78 1000			.3		2.10	3.0						1.0L		
06 02 78 1145			.3		1.70	3.0						1.0L		
06 03 78 1445			.3		2.10	3.0						1.0L		
17 04 78 0900			.3		2.10	3.0						1.0L		
09 05 78 1430			.3		2.90	2.0						1.0L		
05 06 78 1030			.3		1.30	2.0	2.0	51	7.40		0.100		52.0	30
17 07 78 1345			.3		1.40	2.0	2.0	49	7.70		0.300		50.0	30
08 08 78 1345			.3		1.60	2.0	1.0	47	8.00		0.039		62.0	30
12 09 78 0930			.3		2.60	3.0	1.0	47	7.80	7.4	0.086		54.0	30
10 10 78 1500			.3		1.50	2.0	2.0	44	7.70		0.090		50.0	25
06 11 78 1145			.3		2.1	2.	1.	48	7.7		0.11		54.	50
11 12 78 1130			.3		2.3	3.	1.	47	7.4		0.13		52.	30
MAXIMUM					2.90	3.0	2.0	51	8.00	7.4	0.300	1.0	62.0	50
AVG OR GEOM MN (*)					1.98	2.5	1.4	48	7.67	7.4	0.122	1.0D	53.4	32
MINIMUM					1.30	2.0	1.0	44	7.40	7.4	0.039	1.0	50.0	25
NO OF SAMPLES					12	12	7	7	7	1	7	5	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
05 06 78 1030			.3		.080	0.050L	0.006	0.001	0.001	0.001L	0.010	0.001	0.001
17 07 78 1345			.3				0.002			0.001L	0.009		
08 08 78 1345			.3				0.001L			0.001L	0.010		
12 09 78 0930			.3		.004L	0.050L	0.001L	0.005	0.001	0.001	0.013	0.001L	0.001L
10 10 78 1500			.3				0.002			0.001L	0.007		
06 11 78 1145			.3				0.002			0.003	0.007		
11 12 78 1130			.3		.004L	0.05 L	0.003	0.01 L	0.001	0.002	0.006	0.001L	0.001L
MAXIMUM					.080	0.050	0.006	0.01	0.001	0.003	0.013	0.001	0.001
AVG OR GEOM MN (*)					.029 D	0.050D	0.002D	0.005D	0.001	0.001D	0.009	0.001D	0.001D
MINIMUM					.004	0.050	0.001	0.001	0.001	0.001	0.006	0.001	0.001
NO OF SAMPLES					3	3	7	3	3	7	7	3	3

B.O.W./ SITE: WINNIPEG RIVER STATION ID: 19-0001-002-02
SAMPLE POINT: DOWNSTREAM OF O-M PULP & PAPER COMPANY NORTHWEST OF OLD FORT ISLAND
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001

STN NO: 2 LAT: LONG: U T M: 15 0391150.0 5515625.0 4 REGION: 06 MILEAGE: 57.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
04 01 78 1100			.3		21201	6				1.0	12.5	3.0	0.009	0.014
06 02 78 1330			.3		21203	9	100. L	4. L	4.	1.5	11.0	1.8	0.004	0.003
06 03 78 1330			.3		21205	6	3000.	72.	116.	3.0	12.0	1.2	0.029	0.002
17 04 78 0945			.3		21207	9	19000.	48.	148.	3.0	11.0	1.6	0.040	0.001
09 05 78 1345			.3		21209	9	17000.	460.	236.	6.0	11.5	1.6	0.026	0.001
05 06 78 1130			.3		21211	9	12000.	150.	116.	14.0	7.5	32.0	0.056	0.002
17 07 78 1500			.3		21213	9	15000E+1G	2800.	128.	22.0	8.0	3.4	0.013	0.001
08 08 78 1430			.3		21215	6	1400.	12.	52.	20.0	8.0	3.1	0.028	0.001
12 09 78 1045			.3		21217	6 9	4000.	100.	112.	19.0	8.0	3.8	0.035	0.001
10 10 78 1400			.3		21219	9	28000.	212.	20.	14.0	9.0	2.8	0.031	0.001
06 11 78 1315			.3		21221	9	4000.	600. G	40.	7.5	10.0	2.0	0.030	0.003
11 12 78 1330			.3		21223	6	2700.	32.	36.	1.5	11.0	2.0	0.032	0.001
MAXIMUM							15000E+1	2800.	236.	22.0	12.5	32.0	0.056	0.014
AVG OR GEOM MN (*)							5888.* E	102.* E	61.*	9.4	10.0	4.9	0.028	0.003
MINIMUM							100.	4.	4.	1.0	7.5	1.2	0.004	0.001
NO OF SAMPLES							11	11	11	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
04 01 78 1100			.3		0.040	0.330	0.003	0.010L	0.053	0.290	0.343		1.0	135
06 02 78 1330			.3		0.010	0.550	0.006	0.010	0.026	0.540	0.566		2.0	136
06 03 78 1330			.3		0.010	0.520	0.002	0.020	0.032	0.510	0.542		2.0	136
17 04 78 0945			.3		0.010L	0.600	0.003	0.030	0.043	0.590	0.633		2.0	138
09 05 78 1345			.3		0.010L	0.610	0.006	0.010	0.026	0.600	0.626		2.0	134
05 06 78 1130			.3									240.0	10.0	178
17 07 78 1500			.3					0.010L				90.0	2.0	114
08 08 78 1430			.3					0.010L				100.0	5.0	121
12 09 78 1045			.3									100.0	5.0	120
10 10 78 1400			.3									90.0	4.0	117
06 11 78 1315			.3									95.	5.	116
11 12 78 1330			.3									140.	3.	118
MAXIMUM					0.040	0.610	0.006	0.030	0.053	0.600	0.633	240.0	10.0	178
AVG OR GEOM MN (*)					0.016D	0.522	0.004	0.014D	0.036	0.506	0.542	122.1	3.6	130
MINIMUM					0.010	0.330	0.002	0.010	0.026	0.290	0.343	90.0	1.0	114
NO OF SAMPLES					5	5	5	7	5	5	5	7	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
04 01 78 1100			.3		3.20	3.0						1.0		
06 02 78 1330			.3		2.80	3.0						1.0L		
06 03 78 1330			.3		3.40	3.0						1.0L		
17 04 78 0945			.3		3.30	3.0						1.0L		
09 05 78 1345			.3		3.70	3.0						1.0L		
05 06 78 1130			.3		3.70	6.0	8.0	49	6.90		0.300		56.0	30
17 07 78 1500			.3		3.40	3.0	1.0	49	7.30		0.150		50.0	30
08 08 78 1430			.3		2.60	3.0	2.0	46	7.70		0.054		60.0	30
12 09 78 1045			.3		3.50	3.0	1.0	47	7.40	7.2	0.110		56.0	30
10 10 78 1400			.3		2.40	2.0	2.0	44	7.50		0.110		50.0	25
06 11 78 1315			.3		3.0	2.	2.	47	7.5		0.14		54.	30
11 12 78 1330			.3		2.9	3.	2.	47	7.4		0.49		52.	30
MAXIMUM					3.70	6.0	8.0	49	7.70	7.2	0.49	1.0	60.0	30
AVG OR GEOM MN (*)					3.16	3.1	2.6	47	7.39	7.2	0.193	1.0D	54.0	29
MINIMUM					2.40	2.0	1.0	44	6.90	7.2	0.054	1.0	50.0	25
NO OF SAMPLES					12	12	7	7	7	1	7	5	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
05 06 78 1130			.3		0.020	0.050L	0.010	0.006	0.002	0.002	0.040	0.001	0.002
17 07 78 1500			.3				0.002			0.002	0.021		
08 08 78 1430			.3				0.001L			0.004	0.013		
12 09 78 1045			.3		0.004L	0.050L	0.001L	0.005L	0.001	0.002	0.016	0.001L	0.001L
10 10 78 1400			.3				0.004			0.002	0.012		
06 11 78 1315			.3				0.004			0.005	0.012		
11 12 78 1330			.3		0.001L	0.05 L	0.004	0.01 L	0.001L	0.002	0.009	0.001L	0.001
MAXIMUM					0.020	0.050	0.010	0.01	0.002	0.005	0.040	0.001	0.002
AVG OR GEOM MN (*)					0.006D	0.050D	0.004D	0.007D	0.001D	0.003	0.018	0.001D	0.001D
MINIMUM					0.004	0.050	0.001	0.005	0.001	0.002	0.009	0.001	0.001
NO OF SAMPLES					3	3	7	3	3	7	7	3	3

STATION ID: 19-0001-003-02

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO: 3 LAT: LONG: U T M: 15 0435500.0 5386000.0 4 REGION: 06 MILEAGE: 175.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1550			.3		21305	2 4	23000E+1	3000.	108.	1.0	12.0	3.4	0.220	0.006
23 01 78 1550			.3		21313	2 4	13000E+1	100.	76.	1.0	11.0	2.2	0.450	0.016
07 02 78 1040			.3		21321	4	20000E+1	400.	164.	1.0	11.0	18.0	0.780	0.040
20 02 78 1350			.3		21327	4	24000E+1	10. L	8.	0.5	11.7	2.2	0.028	0.004
06 03 78 1600			.3		21334	4	41000E+1	100. L	20.	1.0	12.0			
21 03 78 1125			.3		21342	6	57000E+1	32.	4. L	1.0	12.0	0.8	0.028	0.004
03 04 78 1515			.3		21350	6	15000E+1	100.	28.	2.0	12.0	1.2	0.083	0.006
18 04 78 0940			.3		21358	6	6000.	5800.	12.	2.5	12.0	1.0	0.081	0.018
16 05 78 1135			.3		21366	6	5000.	10. L	4. L	16.0	10.0	1.4	0.230	0.005
13 06 78 1420			.3		21374	6 3	400.	240.	4. L	16.5	13.4	1.0	0.029	0.002
11 07 78 1325			.3		21382	6	200.	10.	20.	21.5	7.9	1.0	0.029	0.004
09 08 78 0920			.3		21390	6	15000. G	1500. G	32.	20.0	7.1	1.7	0.042	0.003
17 10 78 1045			.3		21406	6	50000.	600. G	4. L	10.0	12.5	0.8	0.032	0.003
07 11 78 1100			.3		21414	6	4000.	1500. G	4. L			1.0	0.022	0.002
14 11 78 1030			.3		21422	6	12400E+1	700.	12.			0.8	0.025	0.002
12 12 78 1030			.3		21430	4	14000E+1	690.	44.	1.0	9.0	0.8	0.019	0.002
MAXIMUM							57000E+1	5800.	164.	21.5	13.4	18.0	0.780	0.040
AVG OR GEOM MN (*)							35470.* U	225.* E	16.* D	6.8	11.0	2.5	0.140	0.008
MINIMUM							200.	10.	4.	0.5	7.1	0.8	0.019	0.002
NO OF SAMPLES							16	16	16	14	14	15	15	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
09 01 78 1550			.3		0.030	1.200	0.003	0.010	0.043	1.170	1.213		160.0	84
23 01 78 1550			.3		0.170	2.900	0.005	0.010	0.185	2.730	2.915		270.0	80
07 02 78 1040			.3		0.250	4.900	0.010	0.080	0.340	4.650	4.990		220.0	71
20 02 78 1350			.3		0.120	1.000	0.004	0.020	0.144	0.880	1.024		2.0	64
21 03 78 1125			.3		0.010L	0.320	0.003	0.030	0.043	0.310	0.353		10.0	68
03 04 78 1515			.3		0.010L	0.650	0.003	0.110	0.123	0.640	0.763		15.0	84
18 04 78 0940			.3		0.010L	0.690	0.007	0.090	0.107	0.680	0.787		35.0	98
16 05 78 1135			.3		0.010L	1.000	0.004	0.010L	0.024	0.990	1.014		100.0	86
13 06 78 1420			.3									65.0	5.0	58
11 07 78 1325			.3									70.0	10.0	68
09 08 78 0920			.3									100.0	10.0	75
17 10 78 1045			.3									60.0	5.0	74
07 11 78 1100			.3		0.010L	0.450	0.003	0.010	0.023	0.440	0.463	45.0	5.0	71
14 11 78 1030			.3		0.010L	0.400	0.003	0.020	0.033	0.390	0.423	70.0	10.0	71
12 12 78 1030			.3									75.0	2.0	69
MAXIMUM					0.250	4.900	0.010	0.110	0.340	4.650	4.990	100.0	270.0	98
AVG OR GEOM MN (*)					0.063D	1.351	0.005	0.039D	0.107	1.288	1.395	69.3	57.3	75
MINIMUM					0.010	0.320	0.003	0.010	0.023	0.310	0.353	45.0	2.0	58
NO OF SAMPLES					10	10	10	10	10	10	10	7	15	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
09 01 78 1550			.3		48.00	6.0				2.0		
23 01 78 1550			.3		110.00	3.0				1.0		
07 02 78 1040			.3		61.00	3.0				10.0		
20 02 78 1350			.3		1.80	3.0				2.0		
21 03 78 1125			.3		2.80	3.0				1.0L		
03 04 78 1515			.3		5.90	3.0				1.0		
18 04 78 0940			.3		22.00	2.0				1.0L		
16 05 78 1135			.3		6.60	3.0				2.0		
13 06 78 1420			.3		3.30	1.0	2.0	21	6.90		22.0	60
11 07 78 1325			.3		4.00	2.0	1.0	26	7.30		32.0	70G
09 08 78 0920			.3		6.70	3.0	2.0	24	7.40		34.0	50
17 10 78 1045			.3		4.70	3.0	1.0	24	7.30		28.0	70
07 11 78 1100			.3		3.20	2.0	2.0	24	7.30	1.0L	30.0	50
14 11 78 1030			.3		4.50	2.0	2.0	24	7.40	1.0L	30.0	45
12 12 78 1030			.3		1.70	3.0	2.0	20	7.00		26.0	40
MAXIMUM					110.00	6.0	2.0	26	7.40	10.0	34.0	70
AVG OR GEOM MN (*)					19.08	2.8	1.7	23	7.23	2.2D	28.9	55U
MINIMUM					1.70	1.0	1.0	20	6.90	1.0	22.0	40
NO OF SAMPLES					15	15	7	7	7	10	7	7

STATION ID: 19-0001-004-02

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: TOLL BRIDGE FORT FRANCES
STATION TYPE: RIVER FLOW GAUGE FED 05PC019

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO: 4 LAT: LONG: U T M: 15 0470300.0 5383700.0 4 REGION: 06 MILEAGE: 211.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
10 01 78 0915			.3		21300	4	14100.00	4. L	4. L	4. L	1.0	8.0	0.2	0.011
24 01 78 1340			.3		21308	4	14000.00	4. L	4. L	4. L	1.0	12.0	0.2	0.010
07 02 78 1410			.3		21316	4	10700.00	4. L	4. L	4. L	1.0	11.0	0.6	0.011
21 02 78 0930			.3		21324	4	10600.00	8.	4. L	4. L	0.1	10.6	0.8	0.017
06 03 78 1700			.3		21330	4	10600.00	24.	4. L	4. L	1.0	11.0		
21 03 78 1515			.3		21338	6	10200.00	4.	4. L	4. L	1.0	12.0	0.4	0.014
04 04 78 1420			.3		21345	6	8530.00	56.	4.	52.	2.0	12.0	0.4	0.024
18 04 78 1400			.3		21353	6	6780.00	48.	32.	4. L	2.5	12.0	0.2	0.017
16 05 78 1520			.3		21361	6	6100.00	200.	10. L	4. L	16.0	11.0	0.7	0.018
13 06 78 1700			.3		21369	6 3	30500.00	320.	4.	56.	14.0	12.8	1.0	0.017
11 07 78 1500			.3		21377	6	12400.00	170.	8.	60.	20.5	8.0	0.9	0.013
09 08 78 1150			.3		21385	6	10900.00		4.	36.	19.5	7.8	2.0	0.022
19 09 78 1140			.3		21393	6	18000.00	100.	4. L	4.	15.5	9.0	1.0	0.018
17 10 78 1140			.3		21401	6	10100.00	680.	4. L	4. L	10.0	15.0	1.4	0.016
07 11 78 0900			.3		21409	6	6740.00	20.	4. L	4. L			1.0	0.015
14 11 78 0900			.3		21417	6	6730.00	10.	4. L	4.			0.8	0.016
12 12 78 0830			.3		21425	4	9940.00	10. L	4. L	4. L	1.0	11.0	0.8	0.017

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
MAXIMUM							30500.00	680.	32.	60.	20.5	15.0	2.0	0.024
AVG OR GEOM MN (*)							11583.53	29.* D	5.* D	7.* D	7.1	10.9	0.8	0.016
MINIMUM							6100.00	4.	4.	4.	0.1	7.8	0.2	0.010
NO OF SAMPLES							17	16	17	17	15	15	16	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
10 01 78 0915			.3		0.004	0.020	0.350	0.002	0.030	0.052	0.330	0.382		1.0
24 01 78 1340			.3		0.007	0.030	0.390	0.004	0.030	0.064	0.360	0.424		1.0
07 02 78 1410			.3		0.010	0.020	0.430	0.005	0.030	0.055	0.410	0.465		1.0
21 02 78 0930			.3		0.005	0.090	0.850	0.004	0.050	0.144	0.760	0.904		1.0
21 03 78 1515			.3		0.005	0.010	0.310	0.004	0.040	0.054	0.300	0.354		1.0
04 04 78 1420			.3		0.005	0.010L	0.400	0.003	0.100	0.113	0.390	0.503		3.0
18 04 78 1400			.3		0.001	0.010L	0.440	0.003	0.080	0.093	0.430	0.523		2.0
16 05 78 1520			.3		0.002	0.010L	0.370	0.001L	0.010	0.021	0.360	0.381		10.0
13 06 78 1700			.3		0.001									10.0
11 07 78 1500			.3		0.003								60.0	5.0
09 08 78 1150			.3		0.001								50.0	3.0
19 09 78 1140			.3		0.001L	0.010L	0.420	0.002	0.030	0.042	0.410	0.452	70.0	10.0
17 10 78 1140			.3		0.001								50.0	3.0
07 11 78 0900			.3		0.001	0.010	0.410	0.002	0.030	0.042	0.400	0.442	30.0	3.0
14 11 78 0900			.3		0.001	0.010	0.360	0.002	0.040	0.052	0.350	0.402	50.0	3.0
12 12 78 0830			.3		0.001								50.0	2.0
													70.0	2.0
MAXIMUM					0.010	0.090	0.850	0.005	0.100	0.144	0.760	0.904	70.0	10.0
AVG OR GEOM MN (*)					0.003D	0.021D	0.430	0.003D	0.043	0.067	0.409	0.476	53.8	3.2
MINIMUM					0.001	0.010	0.310	0.001	0.010	0.021	0.300	0.354	30.0	1.0
NO OF SAMPLES					16	11	11	11	11	11	11	11	8	16

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
10 01 78 0915			.3		56	0.90	1.0					1.0L		
24 01 78 1340			.3		52	0.90	1.0					1.0		
07 02 78 1410			.3		56	1.10	1.0					2.0		
21 02 78 0930			.3		54	0.95	1.0					1.0L		
21 03 78 1515			.3		53	0.65	1.0					1.0L		
04 04 78 1420			.3		58	3.30	2.0					1.0		
18 04 78 1400			.3		54	1.30	1.0					2.0		
16 05 78 1520			.3		48	1.30	1.0							
13 06 78 1700			.3		50	2.30	1.0	1.0	18	6.30			18.0	40
11 07 78 1500			.3		53	1.60	1.0	1.0	16	7.00			20.0	40
09 08 78 1150			.3		54	3.10	1.0L	3.0	18	7.40			28.0	40
19 09 78 1140			.3		55	2.10	1.0	1.0	19	7.60	0.100		24.0	30
17 10 78 1140			.3		54	2.50	1.0L	1.0	18	7.40			22.0	35
07 11 78 0900			.3		53	1.30	1.0L	1.0	18	7.30		1.0	26.0	30
14 11 78 0900			.3		56	1.30	1.0	1.0	19	6.80		2.0	22.0	35
12 12 78 0830			.3		59	1.20	1.0	2.0	18	7.20			20.0	30
MAXIMUM					59	3.30	2.0	3.0	19	7.60	0.100	2.0	28.0	40
AVG OR GEOM MN (*)					54	1.61	1.1D	1.4	18	7.13	0.100	1.3D	22.5	35
MINIMUM					48	0.65	1.0	1.0	16	6.30	0.100	1.0	18.0	30
NO OF SAMPLES					16	16	16	8	8	8	1	9	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	240 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
13 06 78 1700			.3		0.040	0.050L	0.001	0.005L	0.002	0.030		0.001L	0.01L	0.001L
11 07 78 1500			.3		0.040	0.050L	0.001	0.005L	0.002	0.030		0.001L	0.01L	0.001L
09 08 78 1150			.3		0.040	0.050L	0.001	0.005L	0.002	0.030		0.001L	0.01L	0.001L
19 09 78 1140			.3		0.004L	0.050L	0.002	0.005L	0.001L	0.002	0.011	0.001L		0.001L
17 10 78 1140			.3		0.004L	0.050L	0.002	0.005L	0.001L	0.002	0.011	0.001L		0.001L
07 11 78 0900			.3		0.004L	0.050L	0.002	0.005L	0.001L	0.002	0.011	0.001L		0.001L
14 11 78 0900			.3		0.004L	0.050L	0.002	0.005L	0.001L	0.002	0.011	0.001L		0.001L
12 12 78 0830			.3		0.004L	0.050L	0.002	0.005L	0.001L	0.002	0.011	0.001L		0.001L
MAXIMUM					0.040	0.050	0.002	0.005	0.002	0.030	0.011	0.001	0.01	0.001
AVG OR GEOM MN (*)					0.018D	0.050D	0.002	0.005D	0.001D	0.013	0.011	0.001D	0.01D	0.001D
MINIMUM					0.004	0.050	0.001	0.005	0.001	0.002	0.011	0.001	0.01	0.001
NO OF SAMPLES					8	8	8	8	8	8	5	8	3	8

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: UPSTREAM FROM REED LIMITED
STATION TYPE: RIVER

STATION ID: 19-0001-005-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 5 LAT: LONG: U T M: 15 0511300.0 5514100.0 4 REGION: 06 MILEAGE: 165.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
14 01 78 1045			.3		21001	6						1.6	0.020	0.016
21 02 78 1030			.3		21003	6	4. L	4. L	4. L			0.2	0.024	0.016
14 03 78 1300			.3		21005	4	4. L	4. L	4. L	1.0	11.0		0.034	0.018
26 04 78 0930			.3		21007	6	48.	8.	184.	4.0	11.0	0.7	0.028	0.008
09 05 78 1110			.3		21009	6	56.	4. L	4. L	5.0	11.0	0.6	0.022	0.005
05 06 78 1030			.3		21011	6	8.	4. L	4.	9.0	10.5	1.8	0.025	0.014
11 07 78 1050			.3		21013	6	68.	4. L	12.	20.0	9.2	0.5	0.035	0.007
09 08 78 1040			.3		21015	8	100. L	4. L	4. L	19.5	9.0	1.6	0.031	0.010
25 09 78 1140			.3		21017	6		4.	4. L			0.8	0.027	0.011
24 10 78 1135			.3		21019	6	30.	4. L	4. L	8.0	12.4	0.6	0.030	0.010
27 11 78 1220			.3		21021	4	10. L	4. L	4. L	1.0	7.5	0.6	0.029	0.008
12 12 78 1200			.3		21023	4	10. L	4. L	4. L	0.0	6.5		0.026	0.012
MAXIMUM							100.	8.	184.	20.0	12.4	1.8	0.035	0.018
AVG OR GEOM MN (*)							19.* D	4.* D	6.* D	7.5	9.8	0.9	0.028	0.011
MINIMUM							4.	4.	4.	0.0	6.5	0.2	0.020	0.005
NO OF SAMPLES							10	11	11	9	9	10	12	12

(C O N T D)

STATION ID: 19-0001-005-02

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: UPSTREAM FROM REED LIMITED
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 5 LAT: LONG: U T M: 15 0511300.0 5514100.0 4 REGION: 06 MILEAGE: 165.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
14 01 78 1045			.3		0.030	0.540	0.006	0.010	0.046	0.510	0.556		1.0	114
21 02 78 1030			.3		0.040	0.400	0.007	0.050	0.097	0.360	0.457		1.0	115
14 03 78 1300			.3		0.070	1.200	0.006	0.040	0.116	1.130	1.246		1.0	121
26 04 78 0930			.3		0.010	0.370	0.004	0.010	0.024	0.360	0.384		1.0	117
09 05 78 1110			.3		0.010	0.300	0.004	0.010	0.024	0.290	0.314		5.0	105
05 06 78 1030			.3		0.030	0.390	0.004	0.010L	0.044	0.360	0.404	65.0	5.0	100
11 07 78 1050			.3		0.010	0.400	0.004	0.010L	0.024	0.390	0.414	85.0	5.0	100
09 08 78 1040			.3		0.030	0.420	0.004	0.010L	0.044	0.390	0.434	95.0	3.0	102
25 09 78 1140			.3		0.010	0.380	0.004	0.010L	0.024	0.370	0.394	90.0	3.0	106
24 10 78 1135			.3		0.010	0.350	0.004	0.010L	0.024	0.340	0.364	75.	5.	106
27 11 78 1220			.3		0.020	0.310	0.004	0.010L	0.034	0.290	0.324	90.0	3.0	105
12 12 78 1200			.3		0.02	0.33	0.006	0.01 L	0.036	0.310	0.346	100.	2.	108
MAXIMUM					0.070	1.200	0.007	0.050	0.116	1.130	1.246	100.	5.0	121
AVG OR GEOM MN (*)					0.024	0.449	0.005	0.016D	0.045	0.425	0.470	85.7	2.9	108
MINIMUM					0.010	0.300	0.004	0.010	0.024	0.290	0.314	65.0	1.0	100
NO OF SAMPLES					12	12	12	12	12	12	12	7	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
14 01 78 1045			.3		16.00	2.0							1.0L	
21 02 78 1030			.3		12.00	1.0							1.0	
14 03 78 1300			.3		12.00	2.0							1.0L	
26 04 78 0930			.3		10.00	1.0							5.0	
09 05 78 1110			.3		12.00	1.0							2.0	
05 06 78 1030			.3		11.00	1.0	4.1	2.0	46	7.30		0.750		46.0
11 07 78 1050			.3		12.00	1.0	4.4	2.0	44	7.50		0.900		48.0
09 08 78 1040			.3		16.00	1.0	3.5	2.0	45	7.30		0.910		50.0
25 09 78 1140			.3		18.00	1.0	2.1	1.0	48	7.90		1.000		50.0
24 10 78 1135			.3		15.	1.	4.6	2.	43	7.9	7.3	0.61		50.
27 11 78 1220			.3		12.00		4.8	2.0	49	7.60		0.370		50.0
12 12 78 1200			.3		12.	1.	4.5	1.	50	7.3				54.
MAXIMUM					18.00	2.0	4.8	2.0	50	7.90	7.3	1.000	5.0	54.
AVG OR GEOM MN (*)					13.17	1.2	4.0	1.7	46	7.54	7.3	0.757	2.0D	49.7
MINIMUM					10.00	1.0	2.1	1.0	43	7.30	7.3	0.370	1.0	46.0
NO OF SAMPLES					12	11	7	7	7	7	1	6	5	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	68 COLOUR HAZEN UNITS	41 COD MG/L	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
14 01 78 1045			.3					0.050						
21 02 78 1030			.3					0.050L						
14 03 78 1300			.3					0.070						
26 04 78 0930			.3					0.050L						
09 05 78 1110			.3					0.050L						
05 06 78 1030			.3		50			0.050L		0.008			0.002	0.016
11 07 78 1050			.3		60		.004L	0.050		0.006	0.005L	0.001L	0.001L	0.019
09 08 78 1040			.3		40			0.070		0.005	0.005L		0.015	0.052
25 09 78 1140			.3				.004L	0.050L		0.004	0.010L	0.001L	0.003	0.016
24 10 78 1135			.3		60			0.050		0.008			0.008	0.013
27 11 78 1220			.3		50			0.050L		0.005			0.002	0.011
12 12 78 1200			.3		70G	0	.004L	0.05 L	0.020	0.003	0.01 L	0.001L	0.002	
MAXIMUM					70	0	.004	0.070	0.020	0.008	0.010	0.001	0.015	0.052
AVG OR GEOM MN (*)					55U	0	.004D	0.053D	0.020	0.006	0.008D	0.001D	0.005D	0.021
MINIMUM					40	0	.004	0.050	0.020	0.003	0.005	0.001	0.001	0.011
NO OF SAMPLES					6	1	3	12	1	7	4	3	7	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
11 07 78 1050			.3		0.001	0.001L
09 08 78 1040			.3		0.001L	
25 09 78 1140			.3		0.001L	0.001L
12 12 78 1200			.3		0.001L	0.001
MAXIMUM					0.001	0.001
AVG OR GEOM MN (*)					0.001D	0.001D
MINIMUM					0.001	0.001
NO OF SAMPLES					4	3

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: DOWNSTREAM OF REED LIMITED AT GOLF COURSE BRIDGE
STATION TYPE: RIVER FLOW GAUGE FED 0500016

STATION ID: 19-0001-006-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 6 LAT: LONG: U T M: 15 0510550.0 5515000.0 4 REGION: 06 MILEAGE: 164.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
14 01 78	1000			.3		21000	9	440.00	1700.	10. L	10. L			26.0	0.071
21 02 78	0930			.3		21002	9	365.00	27000E+1	100. L	136.			12.0	0.065
14 03 78	1115			.3		21004	9	385.00	73000E+1	240.	32.	3.0	10.0		0.063
26 04 78	0900			.3		21006	9	385.00	18000E+2	92.	36.	5.0	9.0	15.0	0.085
09 05 78	1040			.3		21008	9	405.00	18000.	4.	152.	8.0	9.0	5.0	0.041
05 06 78	0950			.3		21010	9	1590.00	10000E+1	220.	20.	12.0	8.0	6.6	0.130
11 07 78	1020			.3		21012	9	200.00	2000.	70.	188.	20.0	8.0	0.8	0.068
09 08 78	1016			.3		21014	9	440.00	9000.	4. L	204.	20.0	8.0	6.8	0.052
25 09 78	1030			.3		21016	9	380.00	14000.	64.	380.			50.0	0.061
24 10 78	1035			.3		21018	0 9	350.00	5100.	112.	112.	10.0	10.6	20.0	0.055
27 11 78	1135			.3		21020	0 9	425.00	10000.	4. L	7800.	3.0	8.3	15.0	0.180
12 12 78	1100			.3		21022	0 9	400.00	100. L	32.	16.	2.0	10.5	0.4	0.071
MAXIMUM								1590.00	18000E+2	240.	7800.	20.0	10.6	50.0	0.180
AVG OR GEOM MN (*)								480.42	18282.* D	36.* D	100.* D	9.2	9.0	14.3	0.079
MINIMUM								200.00	100.	4.	10.	2.0	8.0	0.4	0.041
NO OF SAMPLES								12	12	12	12	9	9	11	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
14 01 78	1000			.3		0.055	0.030	0.440	0.014	0.020	0.064	0.410	0.474		8.0
21 02 78	0930			.3		0.018	0.060	0.670	0.011	0.020	0.091	0.610	0.701		10.0
14 03 78	1115			.3		0.044	0.160	0.600	0.016	0.050	0.226	0.440	0.666		10.0
26 04 78	0900			.3		0.013	0.010L	0.540	0.008	0.070	0.088	0.530	0.613		25.0
09 05 78	1040			.3		0.007	0.010L								2.0
05 06 78	0950			.3		0.013	0.010	0.460	0.005	0.010L	0.025	0.450	0.475		35.0
11 07 78	1020			.3		0.021	0.010L	0.470	0.004	0.010L	0.024	0.460	0.484	180.0	20.0
09 08 78	1016			.3		0.013	0.010L	0.560	0.007	0.010L	0.027	0.550	0.577	110.0	20.0
25 09 78	1030			.3		0.030	0.020	0.470	0.012	0.010L	0.042	0.450	0.492	100.0	40.0
24 10 78	1035			.3		0.016	0.010	0.450	0.009	0.010L	0.029	0.440	0.469	230.0	20.0
27 11 78	1135			.3		0.020	0.010L	0.500	0.007	0.010L	0.027	0.490	0.517	200.0	90.0
12 12 78	1100			.3		0.016	0.02	0.60	0.012	0.01 L	0.042	0.580	0.622	250.0 228.	10.
MAXIMUM						0.055	0.160	0.670	0.016	0.070	0.226	0.610	0.701	250.0	90.0
AVG OR GEOM MN (*)						0.022	0.030D	0.524	0.010	0.021D	0.062	0.492	0.554	185.4	24.2
MINIMUM						0.007	0.010	0.440	0.004	0.010	0.024	0.410	0.469	100.0	2.0
NO OF SAMPLES						12	12	11	11	11	11	11	11	7	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
14 01 78	1000			.3		228	21.00	35.0							
21 02 78	0930			.3		206	23.00	21.0							34.0
14 03 78	1115			.3		233	30.00	31.0							40.0
26 04 78	0900			.3		226	22.00	25.0							42.0
09 05 78	1040			.3		144	18.00	4.0							24.0
05 06 78	0950			.3		150	19.00	11.0	9.3	2.0	46	6.80		1.900	
11 07 78	1020			.3		123	16.00	4.0	5.6	2.0	48	7.40		1.500	
09 08 78	1016			.3		168	19.00	9.0	10.0	2.0	58	8.40		1.700	
25 09 78	1030			.3		174	43.00	9.0	8.8	1.0	60	8.80		1.200	
24 10 78	1035			.3		198	21.	15.0	14.0	2.0	56	8.7	7.8	0.90	
27 11 78	1135			.3		203	27.00	21.0	10.0	3.0	60	7.40		3.700	
12 12 78	1100			.3		256	16.	31.	27.	8.	37	6.5			
MAXIMUM						256	43.00	35.0	27.	8.	60	8.80	7.8	3.700	42.0
AVG OR GEOM MN (*)						192	22.92	18.0	12.1	2.9	52	7.71	7.8	1.817	35.0
MINIMUM						123	16.00	4.0	5.6	1.0	37	6.5	7.8	0.90	24.0
NO OF SAMPLES						12	12	12	7	7	7	7	1	6	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
14 01 78	1000			.3					0.050L						
21 02 78	0930			.3					0.050L						
14 03 78	1115			.3					0.050L						
26 04 78	0900			.3					0.050						
09 05 78	1040			.3					0.050						
05 06 78	0950			.3		46.0	70G		0.050L		0.011			0.010	0.040
11 07 78	1020			.3		44.0	60	.004L	0.090		0.009	0.013	0.001L	0.008	0.043
09 08 78	1016			.3		56.0	70G		0.190		0.005	0.025		0.014	0.056
25 09 78	1030			.3		50.0	70G	.004L	0.050L		0.002	0.010L	0.001L	0.021	0.034
24 10 78	1035			.3		52.	70G		0.050		0.002			0.002	0.054
27 11 78	1135			.3		60.0	70G		0.100		0.016			0.026	0.150
12 12 78	1100			.3		54.	70G	.004L	0.05 L	0.020L	0.005	0.01 L	0.001L	0.010	
MAXIMUM						60.0	70	.004	0.190	0.020	0.016	0.025	0.001	0.026	0.150
AVG OR GEOM MN (*)						51.7	69U	.004D	0.069D	0.020D	0.007	0.015D	0.001D	0.013	0.063
MINIMUM						44.0	60	.004	0.050	0.020	0.002	0.010	0.001	0.002	0.034
NO OF SAMPLES						7	7	3	12	1	7	4	3	7	6

(C O N T D)

```
                                                                                                  STATION ID:  19-0001-006-02
 B.O.W./ SITE: WABIGOON RIVER
 SAMPLE POINT: DOWNSTREAM OF REED LIMITED AT GOLF COURSE BRIDGE
 STATION TYPE: RIVER   FLOW GAUGE FED 050D016             MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                          MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                      001
                                                          TERM STREAM: ENGLISH RIVER                                          1890

STN NO:     6    LAT:              LONG:                  U T M: 15 0510550.0 5515000.0 4    REGION: 06          MILEAGE:  164.30

                                        238       217
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NICKEL    COBALT
               FEET       MTRS          MG/L      MG/L

11 07 78 1020               .3         0.003     0.001
09 03 78 1016               .3         0.001L
25 09 78 1030               .3         0.001L    0.001L
12 12 78 1100               .3         0.001L    0.002

                       MAXIMUM         0.003     0.002
           AVG OR GEOM MN (*)          0.002D    0.001D
                       MINIMUM         0.001     0.001

                 NO OF SAMPLES           4         3


                                                                                                  STATION ID:  19-0001-007-02
 B.O.W./ SITE: ENGLISH RIVER
 SAMPLE POINT: AT MANITOU FALLS
 STATION TYPE: RIVER   FLOW GAUGE FED 050E007             MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                          MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                      001
                                                          TERM STREAM: ENGLISH RIVER                                          1890

STN NO:     7    LAT:              LONG:                  U T M: 15 0470220.0 5600360.0 4    REGION: 06          MILEAGE:  121.00

                                        934      901      444        80         81         84       805        3         1          33
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS    TOTAL      FECAL      M.F.     WATER     DISS.    5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                       COLIFORM   COLIFORM    ENTER.    TEMP.       O2      BOD          P
               FEET       MTRS                                     MF/100ML   MF/100ML   MF/100ML   DEG C     MG/L     MG/L       MG/L

18 01 78 1230               .3         21100    6       13600.00    4.  L      4.  L      4.  L     0.5      14.0      0.6       0.026
07 02 78 1145               .3         21102    4 6     14100.00    8.         4.  L      4.  L     1.0      12.0      0.8       0.019
06 03 78 1105               .3         21104    6       14300.00    4.  L      2.  L      2.  L     0.5      10.0      0.3       0.019
10 04 78 1230               .3         21106    6       12000.00    4.  L      2.  L      2.        2.0      11.0      0.2       0.022
16 05 78 1200               .3         21108            14200.00                                    8.5      11.0      0.7       0.024
19 06 78 1110               .3         21110    5 7     11100.00   28.         4.  L     24.       14.0       8.5      1.0       0.037
17 08 78 1200               .3         21112    6       17700.00                                   19.5       8.2      1.4       0.029
18 09 78 1245               .3         21114    6       15900.00   12.         4.  L      4.  L    13.5       9.3      0.8       0.024
16 10 78 1200               .3         21116    6       14300.00   16.         4.  L      4.  L                        0.6       0.026
20 11 78 1340               .3         21118    6       18000.00    4.         4.  L      4.  L     0.0       8.5      0.2       0.029
04 12 78 1130               .3         21120    6       17700.00    4.  L      4.  L      4.  L     0.0      11.0      0.4       0.020

                       MAXIMUM                          18000.00   28.         4.        24.       19.5      14.0      1.4       0.037
           AVG OR GEOM MN (*)                           14809.09    7.* D      3.* D      4.* D     6.0      10.4      0.6       0.025
                       MINIMUM                          11100.00    4.         2.         2.        0.0       8.2      0.2       0.019

                 NO OF SAMPLES                             11        9          9          9        10        10        11          11



                                        34        19        20        21        22        17        18        23         5          6
SAMP DTE HOUR  STN  STN SAMP  PJ     FILTERED  FILTERED    TOTAL   FILTERED  FILTERED   INRGNC     TOTAL   TOTAL N     TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH        REACTIVE  AMMONIA   KJELDAHL  NO2-N     NO3-N          N   ORGNC  N             SOLIDS     SOLIDS
               FEET       MTRS        P MG/L     MG/L      MG/L    MG/L      MG/L        MG/L      MG/L      MG/L      MG/L       MG/L

18 01 78 1230               .3        0.013     0.010L    0.270     0.003     0.030     0.043     0.260     0.303                 15.0
07 02 78 1145               .3        0.014     0.020     0.280     0.004     0.010     0.034     0.260     0.294                  1.0
06 03 78 1105               .3        0.011     0.020     0.310     0.002     0.020     0.042     0.290     0.332                  1.0
10 04 78 1230               .3        0.009     0.020     0.300     0.002     0.060     0.082     0.280     0.362                  2.0
16 05 78 1200               .3        0.005     0.010     0.450     0.003     0.040     0.053     0.440     0.493     95.0         5.0
19 06 78 1110               .3        0.009     0.020     0.460     0.003     0.010     0.033     0.440     0.473     95.0        10.0
17 08 78 1200               .3        0.004     0.010     0.370     0.001     0.010L    0.021     0.360     0.381     90.0        10.0
18 09 78 1245               .3        0.005     0.010     0.410     0.003     0.010     0.023     0.400     0.423     85.0         6.0
16 10 78 1200               .3        0.005     0.010L    0.320     0.002     0.010L    0.022     0.310     0.332     75.0         5.0
20 11 78 1340               .3        0.006     0.010L    0.280     0.003     0.020     0.033     0.270     0.303     35.0        10.0
04 12 78 1130               .3        0.008     0.01      0.26      0.002     0.03      0.042     0.250     0.292     50.          5.

                       MAXIMUM        0.014     0.020     0.460     0.004     0.060     0.082     0.440     0.493     95.0        15.0
           AVG OR GEOM MN (*)         0.008     0.014D    0.337     0.003     0.023D    0.039     0.324     0.363     75.0         6.4
                       MINIMUM        0.004     0.010     0.26      0.001     0.010     0.021     0.250     0.292     35.0         1.0

                 NO OF SAMPLES          11        11        11        11        11        11        11        11         7          11

                                         7        14        16        56        59       280        95        52        55          71
SAMP DTE HOUR  STN  STN SAMP  PJ       DISS.     COND.     TURB.   CHLORIDE  SULPHATE  REACTIVE  ACIDITY   TOT ALK       PH          PH
DY MO YR LMT   DIST BRG DEPTH         SOLIDS       25C   FORMAZIN    MG/L              SILICATE   PH 8.3   AT LAB    AT LAB   IN   SITU
               FEET       MTRS          MG/L     UMHOS    UNITS                 MG/L   SI MG/L     MG/L     MG/L

18 01 78 1230               .3                    98      6.10      1.0       2.5      0.79      10.0       45      6.80
07 02 78 1145               .3                    96      4.50      1.0       3.0      0.88       2.0       49      7.00
06 03 78 1105               .3                    95      3.50      1.0       2.0      0.95       2.0       43      7.50
10 04 78 1230               .3                    94      2.90      1.0       2.9      1.30       2.0       41      7.50
16 05 78 1200               .3          90        86      5.60      1.0L      2.9                 2.0       37      7.20
19 06 78 1110               .3                    82      9.60      1.0       2.7                 1.0       35      7.10
17 08 78 1200               .3                    89      5.50      1.0       2.1                 2.0       40      7.80         5.0
18 09 78 1245               .3                    91      7.20      1.0       2.1                 1.0       41      7.70
16 10 78 1200               .3                    92      5.50      1.0       3.8                 2.0       37      7.70
20 11 78 1340               .3                    88      9.60      1.0L      3.0                 2.0       41      7.80
04 12 78 1130               .3                    94      9.5       1. L      1.8                 2.        41      7.40

                       MAXIMUM          90        98      9.60      1.0       3.8      1.30      10.0       49      7.80         5.0
           AVG OR GEOM MN (*)           90        91      6.32      1.0D      2.6      0.98       2.5       41      7.41         5.0
                       MINIMUM          90        82      2.90      1.0       1.8      0.79       1.0       35      6.80         5.0

                 NO OF SAMPLES           1        11        11        11        11         4        11        11        11           1
```

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	265 TOTAL ARSENIC MG/L
18 01 78 1230			.3		0.190	1.0L	46.0	14.00	3.00	30	1.40	1.60	30	
07 02 78 1145			.3		0.180	1.0L	48.0	14.00	3.00	20	0.30	1.10	10	
06 03 78 1105			.3		0.160		46.0	14.00	3.00	15	0.80	1.00	20	.050
10 04 78 1230			.3		0.160	1.0L	46.0	14.00	3.00	20	0.95	1.20	10	
16 05 78 1200			.3		0.450		36.0			50				
19 06 78 1110			.3		0.500		38.0			60				.047
17 08 78 1200			.3		0.400		44.0			30				.004L
18 09 78 1245			.3		0.400		44.0			20				.004L
16 10 78 1200			.3		0.270		44.0			20				
20 11 78 1340			.3		0.600		42.0			20				.004
04 12 78 1130			.3		0.54		42.			30				.004L
MAXIMUM					0.600	1.0	48.0	14.00	3.00	60	1.40	1.60	30	.050
AVG OR GEOM MN (*)					0.350	1.00	43.3	14.00	3.00	29	0.86	1.23	18	.19c D
MINIMUM					0.160	1.0	36.0	14.00	3.00	15	0.30	1.00	10	.004
NO OF SAMPLES					11	3	11	4	4	11	4	4	4	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	60 FLUORIDE MG/L	272 AVAILBLE CYANIDE MG/L CN
18 01 78 1230			.3		0.050L		0.001			0.001	0.005	0.002		
07 02 78 1145			.3		0.050	0.280	0.001L			0.001L	0.005	0.001L	0.1	
06 03 78 1105			.3		0.050	0.200	0.001L			0.001L	0.005	0.001L	0.1L	
10 04 78 1230			.3		0.050	0.310	0.002			0.001L	0.005	0.002	0.1L	
16 05 78 1200			.3		0.050L		0.005	0.005L	0.002	0.004		0.004		
19 06 78 1110			.3		0.090		0.006	0.005L	0.001	0.006	0.013	0.003		0.01L
17 08 78 1200			.3		0.050L		0.001L	0.005L	0.001L	0.004		0.001		
18 09 78 1245			.3		0.050L		0.001L	0.010L	0.001L	0.002	0.010	0.001L		
16 10 78 1200			.3		0.050L		0.006	0.010L	0.001L	0.001L		0.001L		0.01L
20 11 78 1340			.3		0.050L		0.003	0.010L	0.001	0.004		0.001L		
04 12 78 1130			.3		0.05 L		0.004	0.01 L	0.001	0.013	0.009	0.001L		0.01L
MAXIMUM					0.090	0.310	0.006	0.010	0.002	0.013	0.013	0.004	0.1	0.01
AVG OR GEOM MN (*)					0.054D	0.263	0.003D	0.0080	0.001D	0.003D	0.007	0.002D	0.1D	0.01D
MINIMUM					0.050	0.200	0.001	0.005	0.001	0.001	0.005	0.001	0.1	0.01
NO OF SAMPLES					11	3	11	7	7	11	7	11	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
19 06 78 1110			.3		0.001
17 08 78 1200			.3		0.001L
18 09 78 1245			.3		0.001L
16 10 78 1200			.3		0.001L
20 11 78 1340			.3		0.001L
04 12 78 1130			.3		0.001L
MAXIMUM					0.001
AVG OR GEOM MN (*)					0.001D
MINIMUM					0.001
NO OF SAMPLES					6

B.O.W./ SITE: TROUTLAKE RIVER
SAMPLE POINT: AT HIGHWAY NO 105
STATION TYPE: RIVER

STATION ID: 19-0001-008-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 8 LAT: LONG: U T M: 15 0470080.0 5630060.0 4 REGION: 06 MILEAGE: 145.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
18 01 78 1300			.3		21101	4	4. L	4. L	4. L	0.0	10.5	0.8	0.018	0.009
07 02 78 1315			.3		21103	4 6	4. L	4. L	4. L	1.5	13.0	0.2	0.009	0.006
06 03 78 1300			.3		21105	4	4. L	2. L	2.	0.5	10.0	1.4	0.013	0.003
10 04 78 1345			.3		21107	4	4. L	2. L	2. L	3.0	9.0	0.2	0.088	0.022
16 05 78 1200			.3		21109					11.5	9.2	1.3	0.040	0.009
19 06 78 1305			.3		21111	5	132.	4. L	600. G	18.0	7.5	1.0	0.054	0.010
17 08 78 1320			.3		21113	5				23.0	8.3	1.1	0.029	0.003
18 09 78 1535			.3		21115	5	112.	4. L	4.	12.6	10.8	1.0	0.029	0.009
16 10 78 1200			.3		21117	6	16.	4. L	4. L			0.6	0.020	0.003
20 11 78 1500			.3		21119	4	4.	4. L	4. L	0.0	9.0	1.0	0.020	0.002
04 12 78 1315			.3		21121	4	4. L	4. L	8.	0.0	11.2	1.4	0.026	0.001
MAXIMUM							132.	4.	600.	23.0	13.0	1.4	0.088	0.022
AVG OR GEOM MN (*)							10.* D	3.* D	6.* E	7.0	9.9	0.9	0.031	0.007
MINIMUM							4.	2.	2.	0.0	7.5	0.2	0.009	0.001
NO OF SAMPLES							9	9	9	10	10	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
18 01 78 1300			.3		0.020	0.440	0.004	0.010	0.034	0.420	0.454			
07 02 78 1315			.3		0.040	0.340	0.003	0.020	0.063	0.300	0.363			
06 03 78 1300			.3		0.040	0.410	0.002	0.040	0.082	0.370	0.452			
10 04 78 1345			.3		0.01 L	0.330	0.002	0.130	0.142	0.320	0.462			
16 05 78 1200			.3		0.040	0.570	0.004	0.060	0.104	0.530	0.634	110.0	10.0	100
19 06 78 1305			.3		0.020	0.490	0.005	0.010L	0.035	0.470	0.505	120.0	25.0	
17 08 78 1320			.3		0.010L	0.390	0.002	0.010L	0.022	0.380	0.402	95.0	10.0	
18 09 78 1535			.3		0.030	0.400	0.003	0.010L	0.043	0.370	0.413	75.0	6.0	
16 10 78 1200			.3		0.010L	0.380	0.002	0.010L	0.022	0.370	0.392	75.0	5.0	
20 11 78 1500			.3		0.010	0.450	0.002	0.010	0.022	0.440	0.462	30.0	5.0	
04 12 78 1315			.3		0.01 L	0.45	0.002	0.02	0.032	0.440	0.472	60.	2.	
MAXIMUM					0.040	0.570	0.005	0.130	0.142	0.530	0.634	120.0	25.0	100
AVG OR GEOM MN (*)					0.022D	0.423	0.003	0.0300	0.055	0.401	0.456	80.7	9.0	100
MINIMUM					0.01	0.330	0.002	0.010	0.022	0.300	0.363	30.0	2.	100
NO OF SAMPLES					11	11	11	11	11	11	11	7	7	1

(C O N T D)

B.O.W./ SITE: TROUTLAKE RIVER
SAMPLE POINT: AT HIGHWAY NO 105
STATION TYPE: RIVER

STATION ID: 19-0001-008-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 8 LAT: LONG: U T M: 15 0470080.0 5630060.0 4 REGION: 06 MILEAGE: 145.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L
18 01 78 1300			.3		100	3.70	1.0							
07 02 78 1315			.3		92	2.00	1.0	3.5						
06 03 78 1300			.3		98	2.10	1.0	3.5						1.0L
10 04 78 1345			.3		111	3.0	1.	3.8						0.0
16 05 78 1200			.3		72	7.60	1.0L	3.4	2.0	30	7.00		0.800	
19 06 78 1305			.3		85	23.00	1.0L	2.0	2.0	37	7.40		0.990	
17 08 78 1320			.3		89	7.30	1.0	2.5	2.0	39	7.80	6.3	0.700	
18 09 78 1535			.3		85	7.10	1.0	2.3	1.0	37	7.50		0.400	
16 10 78 1200			.3		88	3.50	1.0L	2.9	2.0	33	7.60		0.250	
20 11 78 1500			.3		91	4.00	1.0	3.1	2.0	41	7.60		0.250	
04 12 78 1315			.3		91	2.3	1.	2.1	2.	39	7.20		0.17	
MAXIMUM					111	23.00	1.0	3.8	2.0	41	7.80	6.3	0.990	1.0
AVG OR GEOM MN (*)					91	5.96	1.0D	2.9	1.9	37	7.44	6.3	0.509	0.5D
MINIMUM					72	2.00	1.0	2.0	1.0	30	7.00	6.3	0.17	0.0
NO OF SAMPLES					11	11	11	10	7	7	7	1	7	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L
18 01 78 1300			.3					0.050L						
07 02 78 1315			.3				.010L	0.050						
06 03 78 1300			.3				.040	0.050L						
10 04 78 1345			.3					0.05						
16 05 78 1200			.3		36.0	70G		0.05						
19 06 78 1305			.3		38.0	70L	.021	0.050L	0.001L	0.005L	0.001	0.003	0.023	0.002
17 08 78 1320			.3		40.0	30	.021	0.050L	0.001L	0.005L	0.001	0.003	0.023	0.002
18 09 78 1535			.3		42.0	60	.004L	0.050L	0.001L	0.010L	0.001L	0.003	0.012	0.001L
16 10 78 1200			.3		42.0	40	.004L	0.050L	0.001L	0.010L	0.001L	0.003	0.012	0.001L
20 11 78 1500			.3		42.0	30	.004L	0.050L	0.001L	0.010L	0.001L	0.003	0.012	0.001L
04 12 78 1315			.3		40.	15	.004L	0.07	0.004	0.01 L	0.001	0.017	0.009	0.001L
MAXIMUM					42.0	70	.021	0.07	0.004	0.010	0.001	0.017	0.023	0.002
AVG OR GEOM MN (*)					40.0	45E	.130 D	0.052D	0.002D	0.008D	0.001D	0.005	0.015	0.001D
MINIMUM					36.0	15	004	0.050	0.001	0.005	0.001	0.003	0.009	0.001
NO OF SAMPLES					7	7	8	11	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	217 TOTAL COBALT MG/L
19 06 78 1305			.3		0.001
17 08 78 1320			.3		0.001
18 09 78 1535			.3		0.001L
16 10 78 1200			.3		0.001L
20 11 78 1500			.3		0.001L
04 12 78 1315			.3		0.001L
MAXIMUM					0.001
AVG OR GEOM MN (*)					0.001D
MINIMUM					0.001
NO OF SAMPLES					6

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER

STATION ID: 19-0001-009-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO: 9 LAT: LONG: U T M: 15 0382950.0 5397300.0 4 REGION: 06 MILEAGE: 140.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78 1310			.3		21307	4	6000.	500.	276.	1.0	9.0	1.2	0.018	0.002
23 01 78 1315			.3		21315	4	2500.	110.	24.	1.0	11.0	2.0	0.019	0.005
06 02 78 1440			.3		21323	4	30000E+1	7000.	168.	1.0	12.0	2.4	0.027	0.004
20 02 78 1530			.3		21329	4	17000E+1	20.	16.	0.1	10.7	1.6	0.026	0.004
06 03 78 1355			.3		21336	4	50000.	50.	280.	1.0	12.0			
21 03 78 0935			.3		21344	4	14000E+1	4. L	8.	1.0	12.0	1.4	0.039	0.004
03 04 78 1400			.3		21352	4	8000.	136.	24.	1.0	11.0	1.2	0.066	0.002
17 04 78 1300			.3		21360	6	900.	224.	4. L	2.5	12.0	1.2	0.077	0.027
15 05 78 1515			.3		21368	6	300.	10. L	8.	15.0	11.0	1.4	0.085	0.006
13 06 78 1045			.3		21376	6 3	630.	72.	8.	16.0	12.8	1.0	0.029	0.004
11 07 78 1220			.3		21384	6	420.	16.	28.	21.0	7.0	0.5	0.031	0.006
08 08 78 1300			.3		21392	6	15000. G	600. G	16.	21.0	7.5	1.6	0.030	0.004
18 09 78 1330			.3		21400	6	4000.	4.	4.	16.0	7.9	1.3	0.043	0.009
16 10 78 1315			.3		21408	6	3000.	40.	4. L	10.0	13.5	1.0	0.025	0.004
07 11 78 1300			.3		21416	6	12000.	1500. G	4. L			0.8	0.024	0.003
14 11 78 1200			.3		21424	6	15000.	10. L	4. L			0.6	0.018	0.002
12 12 78 1220			.3		21432	4	6400.	1000.	4.	1.0	8.0	1.0	0.018	0.002
MAXIMUM							30000E+1	7000.	280.	21.0	13.5	2.4	0.085	0.027
AVG OR GEOM MN (*)							7426.* U	86.* E	15.* D	7.2	10.5	1.3	0.036	0.006
MINIMUM							300.	4.	4.	0.1	7.0	0.5	0.018	0.002
NO OF SAMPLES							17	17	17	15	15	16	16	16

(CONTD)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
09 01 78	1310			.3		0.030	0.660	0.003	0.010	0.043	0.630	0.673		3.0	90
23 01 78	1315			.3		0.070	0.600	0.004	0.010	0.084	0.530	0.614		4.0	85
06 02 78	1440			.3		0.02	1.1	0.004	0.01	0.034	1.080	1.114		3.0	84
20 02 78	1530			.3		0.230	1.100	0.004	0.020	0.254	0.870	1.124		3.0	76
21 03 78	0935			.3		0.010L	0.960	0.005	0.030	0.045	0.950	0.995		3.0	79
03 04 78	1400			.3		0.060	0.890	0.004	0.190	0.254	0.830	1.084		10.0	96
17 04 78	1300			.3		0.030	0.770	0.007	0.140	0.177	0.740	0.917		15.0	134
15 05 78	1515			.3		0.010L	0.860	0.005	0.010L	0.025	0.850	0.875		40.0	98
13 06 78	1045			.3									45.0	5.0	69
11 07 78	1220			.3									80.0	5.0	77
08 08 78	1300			.3									100.0	5.0	83
18 09 78	1330			.3		0.050	0.920	0.007	0.020	0.077	0.870	0.947	100.0	5.0	97
16 10 78	1315			.3									75.0	5.0	91
07 11 78	1300			.3		0.010L	0.510	0.003	0.010	0.023	0.500	0.523	80.0	5.0	93
14 11 78	1200			.3		0.010L	0.470	0.003	0.020	0.033	0.460	0.493	75.0	5.0	90
12 12 78	1220			.3									75.0	3.0	84
MAXIMUM						0.230	1.1	0.007	0.190	0.254	1.080	1.124	100.0	40.0	134
AVG OR GEOM MN (*)						0.048D	0.804	0.004	0.043D	0.095	0.755	0.851	78.8	7.4	89
MINIMUM						0.010	0.470	0.003	0.010	0.023	0.460	0.493	45.0	3.0	69
NO OF SAMPLES						11	11	11	11	11	11	11	8	16	16

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L
09 01 78	1310			.3		2.40	4.0					1.0			
23 01 78	1315			.3		1.90	3.0					2.0			
06 02 78	1440			.3		2.50	4.0					2.0			
20 02 78	1530			.3		2.10	3.0					2.0			
21 03 78	0935			.3		3.50	4.0					1.0L			
03 04 78	1400			.3		3.40	3.0					1.0			
17 04 78	1300			.3		9.20	5.0					1.0L			
15 05 78	1515			.3		5.60	2.0					2.0			
13 06 78	1045			.3		3.60	1.0	2.0	26	6.90			30.0	70G	0.050
11 07 78	1220			.3		3.70	2.0	2.0	28	7.40			38.0	70G	0.050
08 08 78	1300			.3		3.60	2.0	2.0	30	7.40			38.0	70G	0.050
18 09 78	1330			.3		7.30	2.0	2.0	42	7.50	0.550		48.0	70G	0.004L
16 10 78	1315			.3		3.50	2.0	2.0	35	7.40			42.0	70	0.004L
07 11 78	1300			.3		4.30	2.0	2.0	35	7.50		1.0L	42.0	70	0.004L
14 11 78	1200			.3		2.80	2.0	2.0	34	7.50		1.0	46.0	70G	0.004L
12 12 78	1220			.3		2.30	3.0	2.0	28	7.00			34.0	55	0.004L
MAXIMUM						9.20	5.0	2.0	42	7.50	0.550	2.0	48.0	70	0.050
AVG OR GEOM MN (*)						3.86	2.8	2.0	32	7.33	0.550	1.4D	39.8	68U	0.025D
MINIMUM						1.90	1.0	2.0	26	6.90	0.550	1.0	30.0	55	0.004
NO OF SAMPLES						16	16	8	8	8	1	10	8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
13 06 78	1045			.3		0.050L	0.001L	0.005L	0.001	0.015		0.001	0.01L	0.001L
11 07 78	1220			.3		0.050L	0.001L	0.005L	0.001	0.015		0.001	0.01L	0.001L
08 08 78	1300			.3		0.050L	0.001L	0.005L	0.001	0.015		0.001	0.01L	0.001L
18 09 78	1330			.3		0.050L	0.001	0.005L	0.001L	0.003	0.010	0.001L		0.001L
16 10 78	1315			.3		0.050L	0.001	0.005L	0.001L	0.003	0.010	0.001L		0.001L
07 11 78	1300			.3		0.050L	0.001	0.005L	0.001L	0.003	0.010	0.001L		0.001L
14 11 78	1200			.3		0.050L	0.001	0.005L	0.001L	0.003	0.010	0.001L		0.001L
12 12 78	1220			.3		0.050L	0.001	0.005L	0.001L	0.003	0.010	0.001L		0.001L
MAXIMUM						0.050	0.001	0.005	0.001	0.015	0.010	0.001	0.01	0.001
AVG OR GEOM MN (*)						0.050D	0.001D	0.005D	0.001D	0.008	0.010	0.001D	0.01D	0.001D
MINIMUM						0.050	0.001	0.005	0.001	0.003	0.010	0.001	0.01	0.001
NO OF SAMPLES						8	8	8	8	8	5	8	3	8

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER

STATION ID: 19-0001-010-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

STN NO: 10 LAT: LONG: U T M: 15 0385600.0 5396850.0 4 REGION: 06 MILEAGE: 142.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
09 01 78	1340			.3		21306	4	17000E+1	2400.	12.	1.0	9.0	0.6	0.017	0.003
23 01 78	1340			.3		21314	4	3800.	230.	8.	1.0	12.0	1.2	0.022	0.005
06 02 78	1520			.3		21322	4	20000E+1	10.	4. L	1.0	11.0	1.6	0.070	0.008
20 02 78	1510			.3		21328	4	34000E+1	10. L	12.	0.5	11.4	2.6	0.060	0.014
06 03 78	1420			.3		21335	4	5000.	4. L	12.	1.0	11.0			
21 03 78	1030			.3		21343	4	10000E+1	4.	4. L	1.0	12.0	2.0	0.031	0.003
03 04 78	1330			.3		21351	4	4200.	4.	20.	1.0	12.0	1.4	0.055	0.003
17 04 78	1515			.3		21359	6	900.	220.	12.	2.5	12.0	1.0	0.082	0.024
15 05 78	1615			.3		21367	6	100.	10. L	4. L	16.0	10.0	1.6	0.074	0.008
13 06 78	1115			.3		21375	6 3	380.	100.	48.	16.5	12.8	1.0	0.026	0.003
11 07 78	1200			.3		21383	6	210.	10. L	4.	22.0	7.2	1.0	0.027	0.005
08 08 78	1320			.3		21391	6	15000. G	1170.	8.	21.0	7.0	1.7	0.029	0.004
18 09 78	1450			.3		21399	6	1300.	4. L	4. L	15.5	7.8	1.3	0.045	0.009
16 10 78	1415			.3		21407	6	4000.	80.	4.	10.0	13.5	0.6	0.029	0.004
07 11 78	1215			.3		21415	6	8000.	1500. G	4.			1.0	0.027	0.003
14 11 78	1100			.3		21423	6	13000.	10.	4.			0.8	0.040	0.004
12 12 78	1200			.3		21431	4	3400.	1320.	20.	1.0	8.0	1.8	0.024	0.002
MAXIMUM								34000E+1	2400.	48.	22.0	13.5	2.6	0.082	0.024
AVG OR GEOM MN (*)								6027.* U	49.* E	8.* D	7.4	10.4	1.3	0.041	0.006
MINIMUM								100.	4.	4.	0.5	7.0	0.6	0.017	0.002
NO OF SAMPLES								17	17	17	15	15	16	16	16

(C O N T D)

```
                                                                                 STATION ID:  19-0001-010-02
 B.O.W./ SITE: RAINY RIVER
 SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
 STATION TYPE: RIVER                                 MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                     MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                     001

STN NO:    10    LAT:             LONG:              U T M: 15 0385600.0 5396850.0 4    REGION: 06        MILEAGE:  142.00

                                       19         20        21         22         17        18        23         5          6         14
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED     TOTAL  FILTERED   FILTERED    INRGNC     TOTAL    TOTAL N     TOTAL'     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH       AMMONIA  KJELDAHL  NO2-N      NO3-N            N  ORGNC  N              SOLIDS     SOLIDS       25C
               FEET      MTRS          MG/L      MG/L  MG/L       MG/L          MG/L      MG/L      MG/L      MG/L       MG/L     UMHOS

09 01 78 1340              .3        0.020     0.470     0.003     0.010     0.033     0.450     0.483                  2.0        92
23 01 78 1340              .3        0.090     1.100     0.004     0.010     0.104     1.010     1.114                  5.0        82
06 02 78 1520              .3        0.010     0.960     0.004     0.010     0.024     0.950     0.974                 10.0        79
20 02 78 1510              .3        0.290     1.200     0.004     0.020     0.314     0.910     1.224                  5.0        78
21 03 78 1030              .3        0.010     0.670     0.005     0.030     0.045     0.660     0.705                  5.0        78
03 04 78 1330              .3        0.010     0.900     0.004     0.130     0.144     0.890     1.034                  5.0        96
17 04 78 1515              .3        0.030     0.720     0.007     0.180     0.217     0.690     0.907                 25.0       129
15 05 78 1615              .3        0.010     0.950     0.006     0.010L    0.026     0.940     0.966                 30.0       152
13 06 78 1115              .3                                                                             70.0        5.0        72
11 07 78 1200              .3                                                                             75.0        5.0        79
08 08 78 1320              .3                                                                            100.0        5.0        82
18 09 78 1450              .3        0.050     0.850     0.006     0.020     0.076     0.800     0.876     100.0        5.0        96
16 10 78 1415              .3                                                                             70.0        5.0        91
07 11 78 1215              .3        0.010L    0.510     0.003     0.020     0.033     0.500     0.533      90.0       10.0        94
14 11 78 1100              .3        0.010L    0.480     0.003     0.020     0.033     0.470     0.503      90.0       25.0        96
12 12 78 1200              .3                                                                            100.0        3.0        95

                     MAXIMUM         0.290     1.200     0.007     0.180     0.314     1.010     1.224     100.0       30.0       152
          AVG OR GEOM MN (*)         0.049D    0.801     0.004     0.042D    0.095     0.752     0.847      86.9        9.4        93
                     MINIMUM         0.010     0.470     0.003     0.010     0.024     0.450     0.483      70.0        2.0        72

               NO OF SAMPLES           11        11        11        11        11        11        11         8         16        16

                                       16         56        95         52        55       208        25         76         68
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.   CHLORIDE  ACIDITY    TOT ALK        PH     TOTAL   PHENOLS     CALCUL     COLOUR
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L    PH 8.3     AT LAB    AT LAB      IRON              HARDNESS     HAZEN
               FEET      MTRS        UNITS                MG/L       MG/L                 MG/L      UG/L       MG/L      UNITS

09 01 78 1340              .3         2.30       3.0                                                 1.0
23 01 78 1340              .3         2.40       3.0                                                 1.0
06 02 78 1520              .3         4.20       3.0                                                 1.0
20 02 78 1510              .3         3.00       3.0                                                 1.0
21 03 78 1030              .3         3.40       3.0                                                 1.0L
03 04 78 1330              .3         3.70       3.0                                                 3.0
17 04 78 1515              .3        15.00       1.0                                                 1.0
15 05 78 1615              .3         9.50       2.0                                                 2.0
13 06 78 1115              .3         3.40       1.0       1.0         27      6.90                              28.0       70G
11 07 78 1200              .3         4.10       2.0       2.0         29      7.30                              34.0       70G
08 08 78 1320              .3         3.40       2.0       2.0         30      7.40                              40.0       70G
18 09 78 1450              .3         7.60       2.0       2.0         41      7.40     0.550                    50.0       70G
16 10 78 1415              .3         4.20       3.0       1.0         34      7.40                              40.0       70
07 11 78 1215              .3         5.10       2.0       2.0         35      7.50               1.0L           40.0       50
14 11 78 1100              .3        10.00       2.0       2.0         37      7.70               1.0L           44.0       70G
12 12 78 1200              .3         2.90       4.0       2.0         29      7.00                              32.0       55




                     MAXIMUM         15.00       4.0       2.0         41      7.70     0.550      3.0          50.0       70
          AVG OR GEOM MN (*)          5.26       2.4       1.8         33      7.33     0.550      1.3D         38.5       66U
                     MINIMUM          2.30       1.0       1.0         27      6.90     0.550      1.0          28.0       50

               NO OF SAMPLES           16        16         8          8         8         1        10           8         8


                                                                                 STATION ID:  19-0001-011-02
 B.O.W./ SITE: RAINY RIVER
 SAMPLE POINT: ABOVE EMO
 STATION TYPE: RIVER                                 MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                     MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                     001

STN NO:    11    LAT:             LONG:              U T M: 15 0439950.0 5382400.0 4    REGION: 06        MILEAGE:  182.40

                                      934       901        80          81         84        805        3          1         33         34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL       FECAL      M.F.      WATER     DISS.     5-DAY      TOTAL   FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO            COLIFORM    COLIFORM     ENTER.      TEMP.       O2        BOD          P   REACTIVE
               FEET      MTRS                         MF/100ML    MF/100ML   MF/100ML     DEG C      MG/L       MG/L       MG/L     P MG/L

09 01 78 1620              .3        21304    4       10000E+1    4000.        8.          1.0       8.0       0.8       0.042     0.017
24 01 78 1020              .3        21312            36000E+1     100.  L     4.  L       1.0      12.0       0.4       0.019     0.007
07 02 78 1105              .3        21320    4       15000E+2     100.  L     4.  L       1.0      12.0       1.0       0.019     0.005
20 02 78 1300              .3        21326    4        6000.        10.  L     4.          1.5      11.2       5.0       0.039     0.004
07 03 78 1100              .3        21333    4       60000E+1      10.  L     4.  L       1.0      11.0
21 03 78 1140              .3        21341            15000E+1G      4.  L    28.          1.0      11.0       0.8       0.038     0.003
04 04 78 1100              .3        21349            36000E+1      92.      120.          2.0      11.0       0.8       0.039     0.004
18 04 78 1100              .3        21357    6        7200.       600.        8.          2.5      12.0       0.6       0.066     0.013
16 05 78 1200              .3        21365    6        8300.         4.  L     4.  L      15.0      11.0       1.4       0.061     0.005
13 06 78 1440              .3        21373    6 3      1000.       200.        8.         15.0      13.2       1.0       0.029     0.002
11 07 78 1345              .3        21381    6         600.        20.       40.         20.0       8.1       1.1       0.040     0.005
09 08 78 1010              .3        21389    6       15000.  G   1500.  G     8.         19.5       6.9       1.5       0.042     0.009
19 09 78 0930              .3        21397    6       26000E+1      20.       32.         16.0       8.4       1.0       0.036     0.005
17 10 78 1100              .3        21405    6       18000.      1140.       16.         10.0      12.5       1.0       0.027     0.004
07 11 78 1030              .3        21413    6        6000.      1500.  G     8.                              1.2       0.055     0.005
14 11 78 1000              .3        21421    6       76000.        50.       24.                              0.8       0.026     0.001
12 12 78 1000              .3        21429    4       15000E+1     220.      104.          1.0       9.0       4.4       0.100     0.001

                     MAXIMUM                          15000E+2    4000.      120.         20.0      13.2       5.0       0.100     0.017
          AVG OR GEOM MN (*)                          40121.* U     99.* E    13.* D       7.2      10.5       1.4       0.042     0.006
                     MINIMUM                            600.         4.        4.          1.0       6.9       0.4       0.019     0.001

               NO OF SAMPLES                             17         17        17          15        15        16         16        16
```

(C O N T D)

```
                                       19        20        21        22        17        18        23         5         6        14
SAMP DTE HOUR  STN  STN SAMP  PJ FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH     AMMONIA  KJELDAHL     NO2-N     NO3-N         N   ORGNC N              SOLIDS    SOLIDS       25C
               FEET      MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

09 01 78 1620              .3       0.030     0.560     0.003     0.010L    0.043     0.530     0.573                 2.0        70
24 01 78 1020              .3       0.040     0.440     0.004     0.010     0.054     0.400     0.454                 5.0        64
07 02 78 1105              .3       0.020     0.440     0.005     0.010     0.035     0.420     0.455                 2.0        64
20 02 78 1300              .3       0.200     1.600     0.003     0.020     0.223     1.400     1.623                 3.0        71
21 03 78 1140              .3       0.010L    0.540     0.004     0.030     0.044     0.530     0.574                 5.0        72
04 04 78 1100              .3       0.010L    0.500     0.003     0.090     0.103     0.490     0.593                 3.0        76
18 04 78 1100              .3       0.010L    0.690     0.006     0.100     0.116     0.680     0.796                25.0        90
16 05 78 1200              .3       0.010     0.560     0.005     0.010L    0.025     0.550     0.575                25.0        88
13 06 78 1440              .3                                                                            80.0       5.0        62
11 07 78 1345              .3                                                                            70.0      10.0        68
09 08 78 1010              .3                                                                            85.0       5.0        84
19 09 78 0930              .3       0.010L    0.550     0.005     0.020     0.035     0.540     0.575      75.0      10.0        77
17 10 78 1100              .3                                                                            65.0       5.0        74
07 11 78 1030              .3       0.010L    0.590     0.003     0.020     0.033     0.580     0.613      90.0      40.0        71
14 11 78 1000              .3       0.010L    0.410     0.003     0.020     0.033     0.400     0.433      60.0       5.0        70
12 12 78 1000              .3                                                                           140.0      35.0        71

                      MAXIMUM       0.200     1.600     0.006     0.100     0.223     1.400     1.623     140.0      40.0        90
           AVG OR GEOM MN (*)       0.033D    0.625     0.004     0.031D    0.068     0.593     0.660      83.1      11.6        73
                      MINIMUM       0.010     0.410     0.003     0.010     0.025     0.400     0.433      60.0       2.0        62

                NO OF SAMPLES          11        11        11        11        11        11        11         8        16        16

                                       16        56        95        52        55       208        25        76        68       265
SAMP DTE HOUR  STN  STN SAMP  PJ    TURB.  CHLORIDE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS    CALCUL    COLOUR     TOTAL
DY MO YR LMT   DIST BRG DEPTH    FORMAZIN      MG/L    PH 8.3    AT LAB    AT LAB      IRON            HARDNESS     HAZEN   ARSENIC
               FEET      MTRS       UNITS                MG/L      MG/L                MG/L      UG/L      MG/L     UNITS      MG/L

09 01 78 1620              .3        2.10       3.0                                                 2.0
24 01 78 1020              .3        7.40       2.0                                                 1.0
07 02 78 1105              .3        1.70       3.0                                                 1.0
20 02 78 1300              .3        1.80       4.0                                                 2.0
21 03 78 1140              .3        2.00       3.0                                                 1.0
04 04 78 1100              .3        2.10       3.0                                                 1.0L
18 04 78 1100              .3       16.00       2.0                                                 1.0
16 05 78 1200              .3       19.00       3.0                                                 2.0
13 06 78 1440              .3        3.40       1.0       1.0        26      6.90                          26.0        60     0.070
11 07 78 1345              .3        5.40       2.0       1.0        24      7.30                          28.0        70G    0.070
09 08 78 1010              .3        4.30       4.0       2.0        26      7.10                          38.0        60     0.070
19 09 78 0930              .3        6.60       2.0       2.0        28      7.30     0.500                40.0        70G    0.004L
17 10 78 1100              .3        3.50       3.0       1.0        22      7.30                          28.0        70G    0.004L
07 11 78 1030              .3       10.00       2.0       2.0        24      7.10                 4.0      30.0        70G    0.004L
14 11 78 1000              .3        3.80       2.0       2.0        23      7.30                 1.0L     28.0        35     0.004L
12 12 78 1000              .3       11.00       4.0       1.0        21      7.00                          28.0        40     0.004L

                      MAXIMUM       19.00       4.0       2.0        28      7.30     0.500       4.0      40.0        70     0.070
           AVG OR GEOM MN (*)        6.26       2.7       1.5        24      7.16     0.500       1.6D     30.8        59U    0.029D
                      MINIMUM        1.70       1.0       1.0        21      6.90     0.500       1.0      26.0        35     0.004

                NO OF SAMPLES          16        16         8         8         8         1        10         8         8         8



                                      235       225       229       215       249       201       238       272       217
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE     TOTAL
DY MO YR LMT   DIST BRG DEPTH     MERCURY    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL   CYANIDE    COBALT
               FEET      MTRS        UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L   MG/L CN      MG/L

13 06 78 1440              .3       0.050L    0.004     0.005L    0.001     0.044               0.001L     0.01L    0.001L
11 07 78 1345              .3       0.050L    0.004     0.005L    0.001     0.044               0.001L     0.01L    0.001L
09 08 78 1010              .3       0.050L    0.004     0.005L    0.001     0.044               0.001L     0.01L    0.001L
19 09 78 0930              .3       0.050L    0.003     0.005L    0.001L    0.020     0.030     0.001L              0.001L
17 10 78 1100              .3       0.050L    0.003     0.005L    0.001L    0.020     0.030     0.001L              0.001L
07 11 78 1030              .3       0.050L    0.003     0.005L    0.001L    0.020     0.030     0.001L              0.001L
14 11 78 1000              .3       0.050L    0.003     0.005L    0.001L    0.020     0.030     0.001L              0.001L
12 12 78 1000              .3       0.050L    0.003     0.005L    0.001L    0.020     0.030     0.001L              0.001L

                      MAXIMUM       0.050     0.004     0.005     0.001     0.044     0.030     0.001      0.01     0.001
           AVG OR GEOM MN (*)       0.050D    0.003     0.005D    0.001D    0.029     0.030     0.001D     0.01D    0.001D
                      MINIMUM       0.050     0.003     0.005     0.001     0.020     0.030     0.001      0.01     0.001

                NO OF SAMPLES           8         8         8         8         8         5         8         3         8


 B.O.W./ SITE: RAINY RIVER                                                               STATION ID:  19-0001-012-02
 SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES. NORTH
 STATION TYPE: RIVER                                   MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                       MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                         001

STN NO:     12    LAT:               LONG:                U T M: 15 0464340.0 5376700.0 4    REGION: 06             MILEAGE:  204.00

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH          NO            COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET      MTRS                        MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

10 01 78 1035              .3       21301  4         11000E+2 13000E+1      20.         1.0      12.0       0.8     0.016     0.004
24 01 78 1200              .3       21309  4         50000.     2300.        4.  L      1.0      12.0       0.2     0.032     0.014
07 02 78 1330              .3       21317  4          5000.      100.  L     4.  L      1.0      10.0       2.6     0.072     0.012
21 02 78 0800              .3       21325            21000E+1     10.  L    20.         0.1      12.1       0.8     0.028     0.005
07 03 78 1145              .3       21331  4         11000E+2     10.       16.         1.0      12.0
21 03 78 1410              .3       21339  6         29000E+1      4.  L     4.  L      1.0      12.0       1.6     0.028     0.003
04 04 78 1345              .3       21346  9 8        1000.      190.       28.         2.0      12.0       1.0     0.096     0.016
18 04 78 1330              .3       21354  6         60000.      630.       40.         2.5      12.0       0.6     0.091     0.009
16 05 78 1450              .3       21362  6          3600.       10.  L     4.  L     16.0      11.0       1.2     0.054     0.004
13 06 78 1610              .3       21370  6 3        1000.      400.       32.        14.0      15.5       1.0     0.025     0.002
11 07 78 1430              .3       21378  6           200.       10.  L     4.        19.5       8.2       1.2     0.017     0.003
09 08 78 1110              .3       21386  6         15000.  G   600.  G    16.        19.0       7.6       2.3     0.028     0.003
19 09 78 1025              .3       21394  6         15000.  G    28.       44.        15.5       9.1       1.2     0.028     0.001
07 11 78 0930              .3       21410  6          4000.     1500.  G    20.                             0.6     0.021     0.002
14 11 78 0830              .3       21418  6           300.       10.  L    12.                             0.8     0.033     0.004
12 12 78 0915              .3       21426  4         47000.     2500.       72.         1.0      10.0       2.6     0.028     0.002

                      MAXIMUM                        11000E+2 13000E+1      72.        19.5      15.5       2.6     0.096     0.016
           AVG OR GEOM MN (*)                        15411.* U   144.* E    14.* D      6.8      11.1       1.2     0.040     0.006
                      MINIMUM                          200.        4.        4.         0.1       7.6       0.2     0.016     0.001

                NO OF SAMPLES                              16        16        16        14        14        15        15        15
```

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
STATION TYPE: RIVER

STATION ID: 19-0001-012-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

STN NO: 12 LAT: LONG: U T M: 15 0464340.0 5376700.0 4 REGION: 06 MILEAGE: 204.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
10 01 78 1035			.3		0.010	0.330	0.003	0.010L	0.023	0.320	0.343		4.0	61
24 01 78 1200			.3		0.080	0.680	0.003	0.010	0.093	0.600	0.693		3.0	61
07 02 78 1330			.3		0.020	0.910	0.005	0.010	0.035	0.890	0.925		4.0	70
21 02 78 0800			.3		0.020	0.600	0.004	0.020	0.044	0.580	0.624		1.0	63
21 03 78 1410			.3		0.010	0.390	0.005	0.030	0.045	0.380	0.425		3.0	68
04 04 78 1345			.3		0.010	0.600	0.005	0.090	0.105	0.590	0.695		50.0	96
18 04 78 1330			.3		0.010L	0.650	0.005	0.060	0.075	0.640	0.715		45.0	91
16 05 78 1450			.3		0.020	0.470	0.003	0.010L	0.033	0.450	0.483		5.0	70
13 06 78 1610			.3									85.0	5.0	54
11 07 78 1430			.3									40.0	5.0	57
09 08 78 1110			.3									80.0	5.0	65
19 09 78 1025			.3		0.010L	0.440	0.003	0.020	0.033	0.430	0.463	50.0	5.0	62
07 11 78 0930			.3		0.010	0.420	0.002	0.020	0.032	0.410	0.442	60.0	5.0	60
14 11 78 0930			.3		0.010L	0.410	0.003	0.030	0.043	0.400	0.443	75.0	25.0	63
12 12 78 0915			.3									90.0	5.0	68
MAXIMUM					0.080	0.910	0.005	0.090	0.105	0.890	0.925	90.0	50.0	96
AVG OR GEOM MN (*)					0.019D	0.536	0.004	0.028D	0.051	0.517	0.568	68.6	11.3	67
MINIMUM					0.010	0.330	0.002	0.010	0.023	0.320	0.343	40.0	1.0	54
NO OF SAMPLES					11	11	11	11	11	11	11	7	15	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L
10 01 78 1035			.3		2.70	2.0					1.0			
24 01 78 1200			.3		2.50	2.0					1.0			
07 02 78 1330			.3		2.80	4.0					2.0			
21 02 78 0800			.3		1.60	4.0					3.0			
21 03 78 1410			.3		1.80	3.0					1.0L			
04 04 78 1345			.3		45.00	3.0					1.0			
18 04 78 1330			.3		24.00	4.0					2.0			
16 05 78 1450			.3		1.90	5.0					4.0			
13 06 78 1610			.3		2.50	1.0	1.0	19	6.60			22.0	40	0.050
11 07 78 1430			.3		2.30	2.0	1.0	18	7.10			18.0	50	0.050
09 08 78 1110			.3		3.60	3.0	2.0	18	7.30			30.0	60	0.050
19 09 78 1025			.3		3.50	2.0	1.0	21	7.40	0.100		26.0	40	0.004L
07 11 78 0930			.3		2.20	2.0	1.0	21	7.40		1.0L	26.0	30	0.004L
14 11 78 0930			.3		11.00	1.0	1.0	22	7.50		1.0	28.0	70	0.004L
12 12 78 0915			.3		2.40	4.0	1.0	19	7.10			26.0	30	0.004L
MAXIMUM					45.00	5.0	2.0	22	7.50	0.100	4.0	30.0	70	0.050
AVG OR GEOM MN (*)					7.32	2.8	1.1	20	7.20	0.100	1.7D	25.1	46	0.024D
MINIMUM					1.60	1.0	1.0	18	6.60	0.100	1.0	18.0	30	0.004
NO OF SAMPLES					15	15	7	7	7	1	10	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
13 06 78 1610			.3		0.050L	0.001	0.005L	0.002	0.024		0.001L	0.01L	0.001
11 07 78 1430			.3		0.050L	0.001	0.005L	0.002	0.024		0.001L	0.01L	0.001
09 08 78 1110			.3		0.050L	0.001	0.005L	0.002	0.024		0.001L	0.01L	0.001
19 09 78 1025			.3		0.050L	0.002	0.005L	0.001L	0.003	0.014	0.001L		0.001L
07 11 78 0930			.3		0.050L	0.002	0.005L	0.001L	0.003	0.014	0.001L		0.001L
14 11 78 0930			.3		0.050L	0.002	0.005L	0.001L	0.003	0.014	0.001L		0.001L
12 12 78 0915			.3		0.050L	0.002	0.005L	0.001L	0.003	0.014	0.001L		0.001L
MAXIMUM					0.050	0.002	0.005	0.002	0.024	0.014	0.001	0.01	0.001
AVG OR GEOM MN (*)					0.050D	0.002	0.005D	0.001D	0.012	0.014	0.001D	0.01D	0.001D
MINIMUM					0.050	0.001	0.005	0.001	0.003	0.014	0.001	0.01	0.001
NO OF SAMPLES					7	7	7	7	7	4	7	3	7

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, CENTRE
STATION TYPE: RIVER

STATION ID: 19-0001-013-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

STN NO: 13 LAT: LONG: U T M: 15 0464350.0 5376600.0 4 REGION: 06 MILEAGE: 204.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 05 78 1455			.3		21363	6	10400.	4.	4. L	16.0	11.0	1.5	0.030	0.003
13 06 78 1615			.3		21371	6 3	1300.	500.	12.	14.0	15.6	1.0	0.018	0.001
11 07 78 1420			.3		21379	6	100. L	30.	8.	20.0	8.6	0.9	0.017	0.002
09 08 78 1115			.3		21387	6	15000. G	1500. G	68.	18.5	7.7	2.1	0.034	0.001
19 09 78 1035			.3		21395	6	15000. G	36.	20.	15.0	9.1	1.0	0.024	0.001
MAXIMUM							15000.	1500.	68.	20.0	15.6	2.1	0.034	0.003
AVG OR GEOM MN (*)							3138.* E	80.* U	14.* D	16.7	10.4	1.3	0.025	0.002
MINIMUM							100.	4.	4.	14.0	7.7	0.9	0.017	0.001
NO OF SAMPLES							5	5	5	5	5	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
16 05 78 1455			.3		0.010	0.440	0.002	0.010L	0.022	0.430	0.452		5.0	68
13 06 78 1615			.3									55.0	5.0	54
11 07 78 1420			.3									50.0	3.0	56
09 08 78 1115			.3									95.0	5.0	64
19 09 78 1035			.3		0.010L	0.370	0.003	0.010	0.023	0.360	0.383	45.0	5.0	61
MAXIMUM					0.010	0.440	0.003	0.010	0.023	0.430	0.452	95.0	5.0	68
AVG OR GEOM MN (*)					0.010D	0.405	0.003	0.010D	0.023	0.395	0.418	61.3	4.6	61
MINIMUM					0.010	0.370	0.002	0.010	0.022	0.360	0.383	45.0	3.0	54
NO OF SAMPLES					2	2	2	2	2	2	2	4	5	5

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
16 05 78	1455			.3		2.20	4.0					2.0		
13 06 78	1615			.3		2.40	1.0	1.0	17	6.80			22.0	40
11 07 78	1420			.3		2.10	2.0	1.0	17	7.10			22.0	50
09 08 78	1115			.3		3.40	3.0	2.0	18	7.30			30.0	50
19 09 78	1035			.3		2.70	2.0	1.0	21	7.40	0.150		28.0	40
MAXIMUM						3.40	4.0	2.0	21	7.40	0.150	2.0	30.0	50
AVG OR GEOM MN (*)						2.56	2.4	1.3	18	7.15	0.150	2.0	25.5	45
MINIMUM						2.10	1.0	1.0	17	6.80	0.150	2.0	22.0	40
NO OF SAMPLES						5	5	4	4	4	1	1	4	4

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, SOUTH
STATION TYPE: RIVER

STATION ID: 19-0001-014-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05
001

STN NO: 14 LAT: LONG: U T M: 15 0464350.0 5376475.0 4 REGION: 06 MILEAGE: 204.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 05 78	1500			.3		21364	6	11600.	12.	4. L	16.0	11.0	1.8	0.037	0.002
13 06 78	1620			.3		21372	6 3	1800.	1200.	60.	14.0	15.6	1.0	0.022	0.001
11 07 78	1415			.3		21380	6	1600.	300.	12.	19.0	8.7	0.8	0.019	0.002
09 08 78	1120			.3		21388	6	15000. G	15000. G	64.	18.5	7.8	2.3	0.032	0.001
19 09 78	1040			.3		21396	6	18000.	20.	48.	15.5	9.1	1.0	0.028	0.001
MAXIMUM								18000.	15000.	64.	19.0	15.6	2.3	0.037	0.002
AVG OR GEOM MN (*)								6182.* U	265.* U	25.* D	16.6	10.4	1.4	0.028	0.001
MINIMUM								1600.	12.	4.	14.0	7.8	0.8	0.019	0.001
NO OF SAMPLES								5	5	5	5	5	5	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
16 05 78	1500			.3		0.010	0.460	0.002	0.010L	0.022	0.450	0.472		5.0	70
13 06 78	1620			.3									60.0	5.0	54
11 07 78	1415			.3									50.0	3.0	58
09 08 78	1120			.3									90.0	5.0	65
19 09 78	1040			.3		0.010L	0.440	0.003	0.010	0.023	0.430	0.453	50.0	5.0	62
MAXIMUM						0.010	0.460	0.003	0.010	0.023	0.450	0.472	90.0	5.0	70
AVG OR GEOM MN (*)						0.0100	0.450	0.003	0.010D	0.023	0.440	0.463	62.5	4.6	62
MINIMUM						0.010	0.440	0.002	0.010	0.022	0.430	0.453	50.0	3.0	54
NO OF SAMPLES						2	2	2	2	2	2	2	4	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	68 COLOUR HAZEN UNITS
16 05 78	1500			.3		2.70	4.0					2.0		
13 06 78	1620			.3		2.60	1.0	1.0	18	6.80			22.0	40
11 07 78	1415			.3		3.50	3.0	1.0	18	7.20			24.0	50
09 08 78	1120			.3		3.30	3.0	2.0	18	7.30			32.0	50
19 09 78	1040			.3		2.80	2.0	1.0	20	7.30	0.200		28.0	30
MAXIMUM						3.50	4.0	2.0	20	7.30	0.200	2.0	32.0	50
AVG OR GEOM MN (*)						2.98	2.6	1.3	19	7.15	0.200	2.0	26.5	43
MINIMUM						2.60	1.0	1.0	18	6.80	0.200	2.0	22.0	30
NO OF SAMPLES						5	5	4	4	4	1	1	4	4

B.O.W./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

STATION ID: 19-0001-015-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER
STORET CODE: 05
001
1890

STN NO: 15 LAT: LONG: U T M: 15 0449100.0 5652600.0 4 REGION: 06 MILEAGE: 172.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78	1000			.3		21504	4	4.	4.	4. L	0.0	13.0	1.0	0.018	0.009
08 02 78	1015			.3		21510	4	4. L	4. L	4. L	0.5	12.0	1.6	0.019	0.013
07 03 78	0930			.3		21516	4	4. L	2. L	2. L	0.0	10.0	0.7	0.018	0.011
11 04 78	1100			.3		21522	4	12.	2. L	4.	1.0	7.5	0.2	0.040	0.021
15 05 78	1100			.3		21528		24.	4. L	4. L	7.5	11.7	1.0	0.055	0.030
26 06 78	1220			.3		21534	7	56.	4. L	4.	17.0	9.7	0.8	0.027	0.025
17 07 78	1745			.3		21540	5				21.0	8.4			
18 09 78	1850			.3		21554	6	60.	4. L	4.	13.2	9.1	0.8	0.024	0.012
05 12 78	1030			.3		21560	4	4. L	4. L	4. L	0.0	8.7	0.4	0.018	0.010
MAXIMUM								60.	4.	4.	21.0	13.0	1.6	0.055	0.030
AVG OR GEOM MN (*)								11.* D	3.* D	4.* D	6.7	10.0	0.8	0.027	0.016
MINIMUM								4.	2.	2.	0.0	7.5	0.2	0.018	0.009
NO OF SAMPLES								8	8	8	9	9	8	8	8

(CONTD)

STATION ID: 19-0001-015-02

B.O.W./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 15 LAT: LONG: U T M: 15 0449100.0 5652600.0 4 REGION: 06 MILEAGE: 172.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1000			.3		0.010L	0.110	0.002	0.020	0.032	0.100	0.132		1.0	64
08 02 78 1015			.3		0.030	0.500	0.004	0.030	0.064	0.470	0.534		1.0	65
07 03 78 0930			.3		0.020	0.330	0.003	0.040	0.063	0.310	0.373		1.0	66
11 04 78 1100			.3		0.030	0.330	0.004	0.220	0.254	0.300	0.554		1.0	88
15 05 78 1100			.3		0.160	0.670	0.006	0.130	0.296	0.510	0.806		10.0	94
26 06 78 1220			.3		0.020	0.390	0.011	0.140	0.171	0.370	0.541	70.0	5.0	78
17 07 78 1745			.3									30.0	2.0	120
18 09 78 1850			.3		0.010	0.380	0.002	0.070	0.082	0.370	0.452	60.0	2.0	67
05 12 78 1030			.3		0.010L	0.270	0.003	0.060	0.073	0.260	0.333	45.0	1.0	59
MAXIMUM					0.160	0.670	0.011	0.220	0.296	0.510	0.806	70.0	10.0	120
AVG OR GEOM MN (*)					0.036D	0.373	0.004	0.089	0.129	0.336	0.466	51.3	2.7	78
MINIMUM					0.010	0.110	0.002	0.020	0.032	0.100	0.132	30.0	1.0	59
NO OF SAMPLES					8	8	8	8	8	8	8	4	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
17 01 78 1000			.3		0.60	1.0	3.5						1.0	
08 02 78 1015			.3		0.45	1.0	3.0						1.0L	
07 03 78 0930			.3		0.45	1.0	4.0						2.0	
11 04 78 1100			.3		2.30	4.0	4.9						1.0	
15 05 78 1100			.3		4.90	3.0	7.2	2.0	28	6.97		0.600		34.0
26 06 78 1220			.3		2.20	2.0	7.4	2.0	27	7.20		0.200		32.0
17 07 78 1745			.3			3.0		1.0		7.40	7.0			28.0
18 09 78 1850			.3		1.80	1.0	5.5	2.0	25	7.30		0.100		30.0
05 12 78 1030			.3		0.85	1.0	3.4	2.0	23	7.40		0.040		28.0
MAXIMUM					4.90	4.0	7.4	2.0	28	7.40	7.0	0.600	2.0	34.0
AVG OR GEOM MN (*)					1.69	1.9	4.9	1.8	26	7.25	7.0	0.235	1.3D	30.4
MINIMUM					0.45	1.0	3.0	1.0	23	6.97	7.0	0.040	1.0	28.0
NO OF SAMPLES					8	9	8	5	4	5	1	4	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
17 01 78 1000			.3					0.010L	0.050L			0.001	0.005L	
08 02 78 1015			.3					0.010L	0.050L			0.002	0.005L	
07 03 78 0930			.3					0.060	0.050L			0.001L	0.004L	
11 04 78 1100			.3					0.050	0.050			0.012	0.004L	
15 05 78 1100			.3		10.00	2.00	50	0.099	0.050L	0.20	0.02 L	0.066	0.005	0.001
26 06 78 1220			.3				40	0.050	0.06			0.014	0.005L	0.001L
17 07 78 1745			.3				40	0.012	0.060			0.001	0.005L	0.001L
18 09 78 1850			.3				40	0.023	0.050L			0.006	0.005L	0.001L
05 12 78 1030			.3				30	0.010	0.050L			0.004	0.010L	0.001
MAXIMUM					10.00	2.00	50	0.099	0.06	0.20	0.02	0.066	0.010	0.001
AVG OR GEOM MN (*)					10.00	2.00	40	0.036D	0.052D	0.20	0.02 D	0.012D	0.005D	0.001D
MINIMUM					10.00	2.00	30	0.010	0.050	0.20	0.02	0.001	0.004	0.001
NO OF SAMPLES					1	1	5	9	9	1	1	9	9	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
17 01 78 1000			.3			0.003		0.01L	
08 02 78 1015			.3			0.005		0.01L	
07 03 78 0930			.3			0.003		0.02	
11 04 78 1100			.3			0.013		0.01L	
15 05 78 1100			.3		0.024	0.037	0.058	0.09	0.008
26 06 78 1220			.3		0.005	0.009	0.022	0.01L	0.003
17 07 78 1745			.3		0.001L	0.007	0.001	0.01L	0.001L
18 09 78 1850			.3		0.006	0.009	0.002		0.001L
05 12 78 1030			.3		0.003	0.003	0.001L	0.01L	0.001L
MAXIMUM					0.024	0.037	0.058	0.09	0.008
AVG OR GEOM MN (*)					0.008D	0.010	0.017D	0.02D	0.003D
MINIMUM					0.001	0.003	0.001	0.01	0.001
NO OF SAMPLES					5	9	5	8	5

STATION ID: 19-0001-016-02

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 16 LAT: LONG: U T M: 15 0448800.0 5656300.0 4 REGION: 06 MILEAGE: 176.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 0915			.3		21503	4	28.	4. L	4.	0.0	12.0	1.2	0.200	0.130
08 02 78 0900			.3		21509	4	76.	16.	4. L	0.5	12.0	0.6	0.220	0.150
07 03 78 0730			.3		21515	4	300.	28.	16.	0.0	9.0	0.7	0.350	0.200
11 04 78 0830			.3		21521	6	20.	4. L	4. L	2.5	9.5	0.6	1.700	0.350
15 05 78 1000			.3		21527		4.	4. L	4. L	12.5	8.4	2.9	0.380	0.250
20 06 78 0900			.3		21533	3	500.	4. L	600. G	15.0	7.0	6.0	0.31	0.240
18 07 78 1100			.3		21539	1 5				23.5	8.3	2.0	0.460	0.380
18 09 78 1930			.3		21553	6	200.	4. L	20.	12.3	10.3	1.4	0.290	0.230
21 11 78 0830			.3		21565	6	1500.	296.	8.	0.0	6.8	0.6	0.220	0.320
05 12 78 0900			.3		21571	6	88.	40.	4.	0.0	7.3	0.6	0.570	0.490
MAXIMUM							1500.	296.	600.	23.5	12.0	6.0	1.700	0.490
AVG OR GEOM MN (*)							96.*	12.* D	11.* E	6.6	9.1	1.7	0.470	0.274
MINIMUM							4.	4.	4.	0.0	6.8	0.6	0.200	0.130
NO OF SAMPLES							9	9	9	10	10	10	10	10

(CONTD)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 0915			.3		1.000	0.850	0.078	1.600	2.678	0.150	2.528		15.0	600
08 02 78 0900			.3		1.100	2.400	0.062	0.780	1.942	1.300	3.242		5.0	525
07 03 78 0730			.3		1.100	2.200	0.060	0.170	1.330	1.100	2.430		5.0	530
11 04 78 0830			.3		2.000	3.000	0.048	2.900	4.948	1.000	5.948		10.0	515
15 05 78 1000			.3		2.000	3.600	0.010	0.900	2.910	1.600	4.510		20.0	300
20 06 78 0900			.3		1.2	2.1	0.039	1.7	2.939	0.900	3.839	270.	20.	340
18 07 78 1100			.3		0.050	0.990	0.200	2.200	2.450	0.940	3.390	360.0	15.0	470
18 09 78 1930			.3		0.010	1.000	0.089	3.000	3.099	0.990	4.089	260.0	5.0	361
21 11 78 0830			.3		0.560	1.900	0.110	3.500	4.190	1.320	5.510	310.0	10.0	465
05 12 78 0900			.3		0.670	1.800	0.120	3.400	4.190	1.130	5.320	270.0	10.0	540
MAXIMUM					2.000	3.600	0.200	3.500	4.948	1.600	5.948	360.0	20.0	600
AVG OR GEOM MN (*)					0.971	1.984	0.082	2.015	3.068	1.043	4.081	294.0	11.5	465
MINIMUM					0.010	0.850	0.010	0.170	1.330	0.150	2.430	260.0	5.0	300
NO OF SAMPLES					10	10	10	10	10	10	10	5	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
17 01 78 0915			.3		22.00	79.0	71.0						1.0L	
08 02 78 0900			.3		14.00	64.0	73.0						1.0	
07 03 78 0730			.3		25.00	57.0	59.0						2.0	
11 04 78 0830			.3		12.00	52.0	66.0						5.0	
15 05 78 1000			.3		28.00	19.0	46.0	4.0	54	7.44		2.300		86.0
20 06 78 0900			.3		24.	23.	60.	3.	52	7.2		1.7		116.
18 07 78 1100			.3		9.00	59.0	62.0	4.0	60	7.50	6.4			164.0
18 09 78 1930			.3		13.00	24.0		2.0	56	7.60		1.000	0.2	120.0
21 11 78 0830			.3		13.00	3.0	66.0	3.0	66	7.50		1.300		168.0
05 12 78 0900			.3		12.00	62.0	70.0	5.0	72	7.60		0.740		168.0
MAXIMUM					28.00	79.0	73.0	5.0	72	7.60	6.4	2.300	5.0	168.0
AVG OR GEOM MN (*)					17.20	44.2	63.7	3.5	60	7.47	6.4	1.408	1.8D	137.0
MINIMUM					9.00	3.0	46.0	2.0	52	7.2	6.4	0.740	0.2	86.0
NO OF SAMPLES					10	10	9	6	6	6	1	5	5	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
17 01 78 0915			.3					0.500	0.140			0.310	0.005	
08 02 78 0900			.3					0.500	0.130			0.300	0.006	
07 03 78 0730			.3					0.520	0.170			0.400	0.021	
11 04 78 0830			.3					0.600	0.060			0.410	0.020	
15 05 78 1000			.3		25.00	6.00	70G	0.62	0.060	1.4	0.2 L	0.880	0.017	0.002
20 06 78 0900			.3				70G	0.590	0.13			0.35	0.014	0.001
18 07 78 1100			.3				70G	0.940	0.320			0.180	0.005L	0.001
18 09 78 1930			.3				70G	0.680	0.090				0.008	0.001L
21 11 78 0830			.3				70G	0.975	0.110			0.400	0.010L	0.001
05 12 78 0900			.3				70G	1.110	0.150			0.420	0.010L	
MAXIMUM					25.00	6.00	70	1.110	0.320	1.4	0.2	0.880	0.021	0.002
AVG OR GEOM MN (*)					25.00	6.00	70U	0.704	0.138	1.4	0.2 D	0.406	0.012D	0.001D
MINIMUM					25.00	6.00	70	0.500	0.060	1.4	0.2	0.180	0.005	0.001
NO OF SAMPLES					1	1	6	10	10	1	1	9	10	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
17 01 78 0915			.3			0.150		0.01L	
08 02 78 0900			.3			1.000		0.17	
07 03 78 0730			.3			0.240		0.23	
11 04 78 0830			.3			0.200		0.17	
15 05 78 1000			.3		0.380	0.022	0.720	0.90	0.044
20 06 78 0900			.3		0.13	0.12	0.30	0.07	0.026
18 07 78 1100			.3		0.054	0.200	0.170	0.04	0.015
18 09 78 1930			.3		0.047	0.120	0.260		0.029
21 11 78 0830			.3		0.160	0.160	0.440		0.041
05 12 78 0900			.3		0.180	0.200	0.470	0.01L	0.038
MAXIMUM					0.380	1.000	0.720	0.90	0.044
AVG OR GEOM MN (*)					0.159	0.241	0.393	0.20D	0.032
MINIMUM					0.047	0.022	0.170	0.01	0.015
NO OF SAMPLES					6	10	6	8	6

B.O.W./ SITE: SNIB LAKE CREEK
SAMPLE POINT: AT SNIB LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-017-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 17 LAT: LONG: U T M: 15 0439800.0 5650350.0 4 REGION: 06 MILEAGE: 185.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1515			.3		21500	6	4. L	4. L	4. L	1.5	12.0	0.6	0.039	0.036
07 02 78 1500			.3		21506	6	4. L	4. L	4. L	2.0	12.0	0.6	0.032	0.035
06 03 78 1430			.3		21512	6	4. L	2. L	2. L	0.0	10.0	0.5	0.043	0.046
10 04 78 1430			.3		21518	6	12.	4. L	4. L	2.0	8.5	0.6	0.045	0.042
15 05 78 1230			.3		21524		4. L	4. L	4. L	14.0	9.5	1.1	0.048	0.034
19 06 78 1530			.3		21530	3	20.	4. L	12.	18.0	8.0	1.0	0.036	0.035
17 07 78 1500			.3		21536	5				20.0	8.1	1.2	0.052	
18 09 78 1645			.3		21550	3	10.	4. L	4. L	14.0	9.4	1.0	0.063	
21 11 78 0930			.3		21562	6	4. L	4. L	4. L	2.0	6.0	0.6	0.049	0.052
04 12 78 1445			.3		21568	6	4. L	4. L	4. L	2.0	10.0	0.5	0.070	0.056
MAXIMUM							20.	4.	12.	20.0	12.0	1.2	0.070	0.056
AVG OR GEOM MN (*)							6.* D	4.* D	4.* D	7.6	9.4	0.8	0.048	0.042
MINIMUM							4.	2.	2.	0.0	6.0	0.5	0.032	0.034
NO OF SAMPLES							9	9	9	10	10	10	10	8

(C O N T D)

STATION ID: 19-0001-017-02

B.O.W./.SITE: SNIB LAKE CREEK
SAMPLE POINT: AT SNIB LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 17 LAT: LONG: U T M: 15 0439800.0 5650350.0 4 REGION: 06 MILEAGE: 185.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
16 01 78 1515			.3		0.030	0.550	0.010	0.110	0.150	0.520	0.670			203
07 02 78 1500			.3		0.050	0.600	0.007	0.070	0.127	0.550	0.677			207
06 03 78 1430			.3		0.010	0.460	0.005	0.130	0.145	0.450	0.595			214
10 04 78 1430			.3		0.030	0.490	0.005	0.320	0.355	0.460	0.815			203
15 05 78 1230			.3		0.010L	0.600	0.006	0.130	0.146	0.590	0.736		1.0	142
19 06 78 1530			.3		0.02	0.52	0.004	0.06	0.084	0.500	0.584	120.	2.	125
17 07 78 1500			.3		0.030	0.520	0.004	0.010L	0.044	0.490	0.534		1.0	125
18 09 78 1645			.3		0.010	0.510	0.013	0.020	0.043	0.500	0.543	130.0	1.0	146
21 11 78 0930			.3		0.010L	0.480	0.005	0.120	0.135	0.470	0.605	110.0	1.0	141
04 12 78 1445			.3		0.010L	0.430	0.004	0.100	0.114	0.420	0.534	100.0	1.0	164
MAXIMUM					0.050	0.600	0.013	0.320	0.355	0.590	0.815	130.0	2.	214
AVG OR GEOM MN (*)					0.021D	0.516	0.006	0.107D	0.134	0.495	0.629	115.0	1.2	167
MINIMUM					0.010	0.430	0.004	0.010	0.043	0.420	0.534	100.0	1.0	125
NO OF SAMPLES					10	10	10	10	10	10	10	4	6	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
16 01 78 1515			.3		1.30	20.0	27.0						10.0	
07 02 78 1500			.3		1.20	21.0	24.0						1.0	
06 03 78 1430			.3		0.75	22.0	24.0						1.0L	
10 04 78 1430			.3		1.20	19.0	25.0						1.0L	
15 05 78 1230			.3		1.20	14.0	16.0	3.0	23	6.73		0.350		46.0
19 06 78 1530			.3		1.3	10.	14.	1.	22	7.2		0.20		44.
17 07 78 1500			.3		0.90	10.0	13.0	2.0	29	7.30	6.1	0.200		44.0
18 09 78 1645			.3		1.00	12.0	16.0	1.0	29	7.30	6.4	0.300		64.0
21 11 78 0930			.3		1.00	11.0	19.0	2.0	28	7.40		0.300		54.0
04 12 78 1445			.3		1.90	15.0	18.0	2.0	29	7.30		0.240		56.0
MAXIMUM					1.90	22.0	27.0	3.0	29	7.40	6.4	0.350	10.0	64.0
AVG OR GEOM MN (*)					1.18	15.4	19.6	1.8	27	7.21	6.3	0.265	3.3D	51.3
MINIMUM					0.75	10.	13.0	1.	22	6.73	6.1	0.20	1.0	44.
NO OF SAMPLES					10	10	10	6	6	6	2	6	4	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L
16 01 78 1515			.3					0.080	0.050L	0.011	0.005L			0.026
07 02 78 1500			.3					0.080	0.050L	0.014	0.005L			0.003
06 03 78 1430			.3					0.140	0.060	0.016	0.004L			0.020
10 04 78 1430			.3					0.110	0.050L	0.013	0.022			0.038
15 05 78 1230			.3		16.00	1.00	70G	0.077	0.050L	0.015	0.005L	0.002	0.006	0.055
19 06 78 1530			.3				70G	0.068	0.05 L	0.016	0.005L	0.001	0.009	0.011
17 07 78 1500			.3				70G	0.085	0.050	0.014	0.005L	0.001	0.004	0.016
18 09 78 1645			.3				70G	0.166	0.050L	0.019	0.005L	0.001L	0.007	0.008
21 11 78 0930			.3				70	0.095	0.060	0.016	0.010L	0.001L	0.009	0.026
04 12 78 1445			.3				70	0.124	0.050	0.039	0.010L	0.001	0.011	0.026
MAXIMUM					16.00	1.00	70	0.166	0.060	0.039	0.022	0.002	0.011	0.055
AVG OR GEOM MN (*)					16.00	1.00	70U	0.103	0.052D	0.017	0.008D	0.001D	0.008	0.023
MINIMUM					16.00	1.00	70	0.068	0.050	0.011	0.004	0.001	0.004	0.003
NO OF SAMPLES					1	1	6	10	10	10	10	6	6	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
16 01 78 1515			.3			0.01L	
07 02 78 1500			.3			0.01L	
06 03 78 1430			.3			0.01	
10 04 78 1430			.3			0.01L	
15 05 78 1230			.3		0.015	0.01L	0.003
19 06 78 1530			.3		0.012	0.01L	0.001L
17 07 78 1500			.3		0.009	0.01L	0.001L
18 09 78 1645			.3		0.008		0.001L
21 11 78 0930			.3		0.009		0.001
04 12 78 1445			.3		0.010	0.01L	0.001L
MAXIMUM					0.015	0.01	0.003
AVG OR GEOM MN (*)					0.011	0.01D	0.001D
MINIMUM					0.008	0.01	0.001
NO OF SAMPLES					6	8	6

B.O.W./ SITE: RED LAKE
SAMPLE POINT: IN BRUCE CHANNEL AT FERRY CROSSING
STATION TYPE: RIVER

STATION ID: 19-0001-018-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 18 LAT: LONG: U T M: 15 0442500.0 5658075.0 4 REGION: 06 MILEAGE: 179.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
16 01 78 1645			.3		21502	4	52.	24.	4.	0.5	14.0	0.8	0.022	0.009
07 02 78 1730			.3		21508	4	4. L	4. L	4.	0.5	13.0	0.2	0.013	0.009
06 03 78 1630			.3		21514	4	4. L	2. L	2. L	0.5	9.0			
10 04 78 1700			.3		21520	4	4. L	4. L	4. L	1.0	9.0	0.4	0.016	0.004
15 05 78 1500			.3		21526		8.	4. L	4. L	5.0	11.4	0.9	0.026	0.004
26 06 78 1115			.3		21532	5	16.	4. L	164.	19.0	11.2	0.8	0.017	0.002
17 07 78 1630			.3		21538	5				23.0	8.6	0.6	0.009	
18 09 78 1800			.3		21552	6	36.	4. L	4. L	13.3	11.5	0.7	0.013	0.003
04 12 78 1600			.3		21558	4	4. L	4. L	4. L	0.0	11.0	0.4	0.030	0.013
MAXIMUM							52.	24.	164.	23.0	14.0	0.9	0.030	0.013
AVG OR GEOM MN (*)							9.* D	5.* D	6.* D	7.0	11.0	0.6	0.018	0.006
MINIMUM							4.	2.	2.	0.0	8.6	0.2	0.009	0.002
NO OF SAMPLES							8	8	8	9	9	8	8	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
16 01 78 1645			.3		0.010L	0.460	0.003	0.010	0.023	0.450	0.473			65
07 02 78 1730			.3		0.020	0.440	0.005	0.010	0.035	0.420	0.455			57
10 04 78 1700			.3		0.010L	0.320	0.004	0.060	0.074	0.310	0.384			56
15 05 78 1500			.3		0.010L	0.390	0.002	0.020	0.032	0.380	0.412		2.0	57
26 06 78 1115			.3		0.020	0.390	0.002	0.010L	0.032	0.370	0.402	85.0	3.0	56
17 07 78 1630			.3		0.030	0.380	0.002	0.010L	0.042	0.350	0.392		2.0	56
18 09 78 1800			.3		0.010L	0.390	0.002	0.030	0.042	0.380	0.422	55.0	2.0	68
04 12 78 1600			.3		0.010L	0.280	0.002	0.080	0.092	0.270	0.362	35.0	1.0	55
MAXIMUM					0.030	0.460	0.005	0.080	0.092	0.450	0.473	85.0	3.0	68
AVG OR GEOM MN (*)					0.0150	0.381	0.003	0.029D	0.047	0.366	0.413	58.3	2.0	59
MINIMUM					0.010	0.280	0.002	0.010	0.023	0.270	0.362	35.0	1.0	55
NO OF SAMPLES					8	8	8	8	8	8	8	3	5	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
16 01 78 1645			.3		0.80	1.0	3.0						1.0	
07 02 78 1730			.3		0.75	1.0	3.5						1.0	
06 03 78 1630			.3				3.0						2.0	
10 04 78 1700			.3		0.70	1.0	2.6						1.0	
15 05 78 1500			.3		1.10	1.0	1.7	1.0	22	7.04		0.100		24.0
26 06 78 1115			.3		1.30	1.0	3.5	2.0	27	7.20				28.0
17 07 78 1630			.3		0.85	1.0	4.6	2.0	27	7.40	5.7	0.150		24.0
18 09 78 1800			.3		1.40	1.0L	3.2	2.0	22	7.30		0.050		38.0
04 12 78 1600			.3		0.80	1.0L	1.5	2.0	21	7.40		0.120		30.0
MAXIMUM					1.40	1.0	4.6	2.0	27	7.40	5.7	0.150	2.0	38.0
AVG OR GEOM MN (*)					0.96	1.00	3.0	1.8	24	7.27	5.7	0.105	1.3	28.8
MINIMUM					0.70	1.0	1.5	1.0	21	7.04	5.7	0.050	1.0	24.0
NO OF SAMPLES					8	8	9	5	5	5	1	4	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
16 01 78 1645			.3					0.010L	0.050L			0.001L	0.005L	
07 02 78 1730			.3					0.010L	0.050L			0.004	0.005L	
06 03 78 1630			.3					0.040	0.050L			0.006	0.010	
10 04 78 1700			.3					0.020	0.050L			0.002	0.028	
15 05 78 1500			.3		15.00	3.00	20	0.077	0.050L	0.08	0.02 L	0.002	0.005L	0.003
26 06 78 1115			.3				30	0.006	0.05 L			0.005	0.005L	0.001L
17 07 78 1630			.3				30	0.007	0.050L			0.002	0.005L	0.001L
18 09 78 1800			.3				40	0.007	0.050L			0.006	0.005L	0.001L
04 12 78 1600			.3				30	0.005	0.050L			0.001	0.010L	0.001L
MAXIMUM					15.00	3.00	40	0.077	0.050	0.08	0.02	0.006	0.028	0.003
AVG OR GEOM MN (*)					15.00	3.00	30	0.020D	0.0500	0.08	0.02 D	0.003D	0.009D	0.001D
MINIMUM					15.00	3.00	20	0.005	0.050	0.08	0.02	0.001	0.005	0.001
NO OF SAMPLES					1	1	5	9	9	1	1	9	9	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
16 01 78 1645			.3			0.003		0.01L	
07 02 78 1730			.3			0.027		0.01L	
06 03 78 1630			.3			0.007		0.02	
10 04 78 1700			.3			0.011		0.01L	
15 05 78 1500			.3		0.001L	0.007	0.002	0.01L	0.004
26 06 78 1115			.3		0.002		0.002	0.01L	0.001
17 07 78 1630			.3		0.001	0.005	0.001L	0.01L	0.001L
18 09 78 1800			.3		0.005	0.005	0.001L		0.001L
04 12 78 1600			.3		0.004	0.003	0.001L	0.01L	0.001L
MAXIMUM					0.005	0.027	0.002	0.02	0.004
AVG OR GEOM MN (*)					0.003D	0.009	0.001D	0.01D	0.002D
MINIMUM					0.001	0.003	0.001	0.01	0.001
NO OF SAMPLES					5	8	5	8	5

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

STATION ID: 19-0001-032-02

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO: 32 LAT: LONG: U T M: 15 0448400.0 5653200.0 4 REGION: 06 MILEAGE: 173.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
17 01 78 1020			.3		21505	4	464.	8.	212.	0.0	10.0	6.0	0.500	0.490
08 02 78 1045			.3		21511	4	4700.	720.	204.	0.0	10.0	2.4	0.540	0.140
07 03 78 0945			.3		21517	4 0	1700.	60.	180.	1.0	5.0	2.6	1.100	0.640
11 04 78 1030			.3		21523	0 4	140.	28.	210.	1.0	7.0	2.8	0.700	0.450
15 05 78 1245			.3		21529		20.	4. L	8.	11.0	8.7	2.5	0.390	0.300
26 06 78 1205			.3		21535	5	14000.	4. L	10.	21.0	5.4	0.9		
17 07 78 1730			.3		21541	5				21.5	7.1	0.8	0.240	0.240
18 09 78 1835			.3		21555	6 7 .	2300.	4.	136.	12.0	8.1	1.3	0.280	0.210
05 12 78 1015			.3		21561	4	2000.	44.	536.	0.0	8.0	1.5	0.660	0.660
MAXIMUM							14000.	720.	536.	21.5	10.0	6.0	1.100	0.660
AVG OR GEOM MN (*)							951.*	20.* D	99.*	7.5	7.7	2.3	0.551	0.391
MINIMUM							20.	4.	8.	0.0	5.0	0.8	0.240	0.140
NO OF SAMPLES							8	8	8	9	9	9	8	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	14 COND. 25C UMHOS
17 01 78 1020			.3		1.600	0.900	0.058	1.600	3.258	0.700	2.558		5.0	550
08 02 78 1045			.3		2.100	2.800	0.012	1.000	3.112	0.700	3.812		5.0	560
07 03 78 0945			.3		2.900	5.000	0.040	0.150	3.090	2.100	5.190		20.0	540
11 04 78 1030			.3		0.010L	3.000	0.036	2.900	2.946	2.990	5.936		5.0	520
15 05 78 1245			.3		2.000	3.800	0.010	0.950	2.960	1.800	4.760	270.0	30.0	311
26 06 78 1205			.3		0.110							100.0	1.5	272
17 07 78 1730			.3		0.010L	0.570	0.008	0.380	0.398	0.560	0.958	260.0	2.0	145
18 09 78 1835			.3		0.100	1.100	0.095	2.200	2.395	1.000	3.395	340.0	5.0	319
05 12 78 1015			.3		0.980	2.000	0.100	3.200	4.280	1.020	5.300		10.0	505
MAXIMUM					2.900	5.000	0.100	3.200	4.280	2.900	5.936	340.0	30.0	560
AVG OR GEOM MN (*)					1.090D	2.396	0.045	1.548	2.805	1.359	3.989	242.5	9.3	414
MINIMUM					0.010	0.570	0.008	0.150	0.398	0.560	0.958	100.0	1.5	145
NO OF SAMPLES					9	8	8	8	8	8	8	4	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	71 PH IN SITU	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
17 01 78 1020			.3		18.00	64.0	66.0						1.0L	
08 02 78 1045			.3		13.00	68.0	68.0						4.0	
07 03 78 0945			.3		19.00	60.0	54.0						2.0	
11 04 78 1030			.3		15.00	56.0	63.0						10.0	
15 05 78 1245			.3		29.00	21.0	49.0	5.0	56	7.44		3.000		94.0
26 06 78 1205			.3			14.0	51.0	4.0	53	7.00		1.500		102.0
17 07 78 1730			.3		1.80	9.0	15.0	6.0	41	7.10	6.0	0.400		66.0
18 09 78 1835			.3		12.00	17.0	49.0	2.0	60	7.30		1.100		122.0
05 12 78 1015			.3		11.00	52.0	67.0	7.0	73	7.30		0.810		172.0
MAXIMUM					29.00	68.0	68.0	7.0	73	7.44	6.0	3.000	10.0	172.0
AVG OR GEOM MN (*)					14.85	40.1	53.6	4.8	57	7.23	6.0	1.362	4.3D	111.2
MINIMUM					1.80	9.0	15.0	2.0	41	7.00	6.0	0.400	1.0	66.0
NO OF SAMPLES					8	9	9	5	5	5	1	5	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	265 TOTAL ARSENIC MG/L	235 TOTAL MERCURY UG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
17 01 78 1020			.3					0.680	0.120			0.290	0.004	
08 02 78 1045			.3					0.580	0.100			0.270	0.007	
07 03 78 0945			.3					0.540	0.080			0.330	0.020	
11 04 78 1030			.3					0.580	0.070			0.340	0.018	
15 05 78 1245			.3		26.00	7.00	70G	0.85	0.080	1.3	0.02 L	0.680	0.022	0.002
26 06 78 1205			.3				70G	0.590	0.11			0.21	0.017	0.001L
17 07 78 1730			.3				70	0.620	0.360			0.052	0.005L	0.001
18 09 78 1835			.3				70G	0.600	0.080			0.150	0.013	0.001L
05 12 78 1015			.3				70G	1.400	0.130			0.320	0.010L	0.002
MAXIMUM					26.00	7.00	70	1.400	0.360	1.3	0.02	0.680	0.022	0.002
AVG OR GEOM MN (*)					26.00	7.00	70U	0.716	0.126	1.3	0.02 D	0.294	0.013D	0.001D
MINIMUM					26.00	7.00	70	0.540	0.070	1.3	0.02	0.052	0.004	0.001
NO OF SAMPLES					1	1	5	9	9	1	1	9	9	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	201 TOTAL MN MG/L	238 TOTAL NICKEL MG/L	272 AVAILBLE CYANIDE MG/L CN	217 TOTAL COBALT MG/L
17 01 78 1020			.3			0.310		0.02	
08 02 78 1045			.3			0.210		0.13	
07 03 78 0945			.3			0.340		0.11	
11 04 78 1030			.3			0.260		0.16	
15 05 78 1245			.3		0.290	0.022	0.560	0.90	0.041
26 06 78 1205			.3		0.081	0.077	0.24	0.06	0.026
17 07 78 1730			.3		0.014	0.049	0.068	0.01L	0.007
18 09 78 1835			.3		0.033	0.080	0.230		0.020
05 12 78 1015			.3		0.160	0.190	0.400	0.10	0.033
MAXIMUM					0.290	0.340	0.560	0.90	0.041
AVG OR GEOM MN (*)					0.116	0.171	0.300	0.19D	0.025
MINIMUM					0.014	0.022	0.068	0.01	0.007
NO OF SAMPLES					5	9	5	8	5

```
 B.O.W./ SITE: HOWEY BAY                                                                  STATION ID:  19-0001-033-01
 SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
 STATION TYPE: LAKE                                      MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER                STORET CODE: 05
                                                         MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                        001
                                                         TERM STREAM: ENGLISH RIVER                                            1890

STN NO:     33     LAT:               LONG:               U T M: 15 0442675.0 5652425.0 4    REGION: 06             MILEAGE:  177.50

                                       934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO             COLIFORM  COLIFORM    ENTER.     TEMP.        O2       BOD         P  REACTIVE
               FEET     MTRS                           MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

16 01 78 1600              .3        21501    4          4.        4.  L     4.  L      0.5      12.0       1.0     0.017     0.009
07 02 78 1600              .3        21507    4          4.  L     4.  L     4.  L      0.5      11.0       0.6     0.013     0.010
06 03 78 1545              .3        21513    4          4.  L     2.  L     2.  L      0.0       8.5       0.5     0.024     0.008
10 04 78 1545              .3        21519    4          4.  L     4.  L     4.  L      1.0       9.0       0.2     0.025     0.008
26 06 78 1135              .3        21531    5         12.        4.  L    52.        19.0      11.2       0.9     0.013     0.002
17 07 78 1700              .3        21537    5                                        20.0       8.9       0.3     0.017
18 09 78 1815              .3        21551    6        352.        4.  L     4.  L     13.0       9.1       0.8     0.016
04 12 78 1525              .3        21557    4          8.        4.  L     4.  L      1.0      12.0       1.0     0.021     0.007

                      MAXIMUM                          352.        4.       52.        20.0      12.0       1.0     0.025     0.010
          AVG OR GEOM MN (*)                            10.* D     4.* D     5.* D      6.9      10.2       0.7     0.018     0.007
                      MINIMUM                            4.        2.        2.         0.0       8.5       0.2     0.013     0.002

             NO OF SAMPLES                                  7         7         7         8         8         8         8         6

                                        19        20        21        22        17        18        23         5         6        14
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.     COND.
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N            SOLIDS    SOLIDS       25C
               FEET     MTRS          MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     UMHOS

16 01 78 1600              .3       0.010L     0.300     0.002     0.020     0.032     0.290     0.322                            72
07 02 78 1600              .3       0.020      0.390     0.003     0.020     0.043     0.370     0.413                            65
06 03 78 1545              .3       0.020      0.540     0.003     0.040     0.063     0.520     0.583                            71
10 04 78 1545              .3       0.010L     0.340     0.003     0.070     0.083     0.330     0.413                            66
26 06 78 1135              .3       0.010      0.330     0.002     0.010L    0.022     0.320     0.342      80.0       3.0        59
17 07 78 1700              .3       0.020      0.430     0.002     0.010L    0.032     0.410     0.442                 2.0        59
18 09 78 1815              .3       0.010L     0.350     0.002     0.030     0.042     0.340     0.382      70.0       1.0        60
04 12 78 1525              .3       0.010      0.380     0.002     0.070     0.082     0.370     0.452      50.0       1.0        67

                      MAXIMUM       0.020      0.540     0.003     0.070     0.083     0.520     0.583      80.0       3.0        72
          AVG OR GEOM MN (*)        0.014D     0.383     0.002     0.034D    0.050     0.369     0.419      66.7       1.8        65
                      MINIMUM       0.010      0.300     0.002     0.010     0.022     0.290     0.322      50.0       1.0        59

             NO OF SAMPLES              8          8         8         8         8         8         8         3         4         8

                                        16        56        59        95        52        55        71       208        25        76
SAMP DTE HOUR  STN  STN SAMP  PJ     TURB.  CHLORIDE  SULPHATE   ACIDITY   TOT ALK        PH        PH     TOTAL   PHENOLS    CALCUL
DY MO YR LMT   DIST BRG DEPTH     FORMAZIN      MG/L              PH 8.3    AT LAB    AT LAB   IN SITU      IRON             HARDNESS
               FEET     MTRS         UNITS                  MG/L      MG/L      MG/L                          MG/L      UG/L      MG/L

16 01 78 1600              .3        0.65       2.0       3.0                                                           2.0
07 02 78 1600              .3        0.35       1.0       4.0                                                           1.0
06 03 78 1545              .3        0.50       1.0       4.0                                                           1.0L
10 04 78 1545              .3        0.30       1.0       3.0                                                           1.0L
26 06 78 1135              .3        1.00       1.0       4.4       1.0        26      7.00                                         28.0
17 07 78 1700              .3        1.20       1.0       5.0       1.0        25      7.50       5.2     0.150                    28.0
18 09 78 1815              .3                   1.0                 1.0        23      7.30               0.180                    34.0
04 12 78 1525              .3        0.90       1.0       3.1       2.0        25      7.50               0.080                    36.0



                      MAXIMUM        1.20       2.0       5.0       2.0        26      7.50       5.2     0.180       2.0       36.0
          AVG OR GEOM MN (*)         0.70       1.1       3.8       1.3        25      7.33       5.2     0.137       1.3D      31.5
                      MINIMUM        0.30       1.0       3.0       1.0        23      7.00       5.2     0.080       1.0       28.0

             NO OF SAMPLES              7         8         7         4         4         4         1         3         4         4

                                        68       265       235       225       229       215       249       201       238       272
SAMP DTE HOUR  STN  STN SAMP  PJ    COLOUR     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL     TOTAL  AVAILBLE
DY MO YR LMT   DIST BRG DEPTH        HAZEN   ARSENIC   MERCURY    COPPER      LEAD   CADMIUM      ZINC        MN    NICKEL   CYANIDE
               FEET     MTRS         UNITS      MG/L      UG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L  MG/L CN

16 01 78 1600              .3                 0.010L    0.060     0.005     0.005L                        0.003               0.20
07 02 78 1600              .3                 0.020               0.005     0.005L                        0.005               0.01L
06 03 78 1545              .3                 0.050     0.050     0.001L    0.015                         0.002               0.02
10 04 78 1545              .3                 0.040     0.050     0.002     0.034                         0.002               0.01L
26 06 78 1135              .3          30     0.004L    0.05 L    0.001L    0.005L    0.001L    0.001L              0.001     0.01L
17 07 78 1700              .3          30     0.006     0.050L    0.003     0.005L    0.001L    0.002     0.007     0.001L    0.01L
18 09 78 1815              .3          20     0.007     0.050L    0.005     0.005     0.001L    0.003     0.042     0.001L
04 12 78 1525              .3          30     0.010     0.050     0.004     0.010L    0.001L    0.006     0.011     0.001L    0.01L

                      MAXIMUM          30     0.050     0.060     0.005     0.034     0.001     0.006     0.042     0.001     0.20
          AVG OR GEOM MN (*)           28     0.018D    0.051D    0.003D    0.011D    0.001D    0.003D    0.010     0.001D    0.04D
                      MINIMUM          20     0.004     0.050     0.001     0.005     0.001     0.001     0.002     0.001     0.01

             NO OF SAMPLES              4         8         7         8         8         4         4         7         4         7

                                       217
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL
DY MO YR LMT   DIST BRG DEPTH       COBALT
               FEET     MTRS          MG/L

26 06 78 1135              .3       0.001
17 07 78 1700              .3       0.001L
18 09 78 1815              .3       0.002
04 12 78 1525              .3       0.001L

                      MAXIMUM       0.002
          AVG OR GEOM MN (*)        0.001D
                      MINIMUM       0.001

             NO OF SAMPLES              4
```

STATION ID: 19-0064-001-02

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: DOWNSTREAM FROM TIMMINS STP.
STATION TYPE: RIVER FLOW GAUGE FED 04LA002

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 1 LAT: LONG: U T M: 17 0473350.0 5371250.0 4 REGION: 05 MILEAGE: 264.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
29 01 78 1415			.3		23714	4	2710.00	400.	40.		0.0	11.0	1.2	0.035
01 03 78 1125			.3		23731	4	2040.00	200. L	40. L		0.0	5.0	0.4	0.053
25 03 78 1045			.3		23748	4	1890.00	200. L	40. L		0.0	6.0	0.5	0.029
30 04 78 1225			.3		23764	3	1610.00	180.	40.		0.0	5.0	1.4	0.032
22 05 78 1205			.3		23779	6	5000.00	600.	40. L		12.0	7.0	1.5	0.035
25 06 78 1210			.3		23793	7	4310.00	1000.	40. L		18.0	5.0		
30 07 78 1145			.3		23810	9 7	1490.00	200.	40.		21.0	3.0	0.8	0.028
27 08 78 1215			.3		23825	8	1670.00	80000. G	12000. G		18.0	4.0	1.5	0.047
24 09 78 1155			.3		23840	6	1530.00				14.0	6.0	0.8	0.026
29 10 78 1100			.3		23855	6	2470.00	10000.	1600.		3.0	6.0	1.4	0.027
26 11 78 1325			.3		23870	4	1900.00	200. L	40. L		0.0	7.0	0.8	0.036
27 12 78 1340			.3		23885	4	1620.00	2600.	1320.		0.0	6.0		0.034
MAXIMUM							5000.00	80000.	12000.		21.0	11.0	1.5	0.053
AVG OR GEOM MN (*)							2353.33	838.* E	129.* E		7.2	5.9	1.0	0.035
MINIMUM							1490.00	180.	40.		0.0	3.0	0.4	0.026
NO OF SAMPLES							12	11	11		12	12	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
29 01 78 1415			.3		0.027	0.126	0.540	0.003	0.025	0.154	0.414	0.568	79.0	4.0
01 03 78 1125			.3		0.028	0.115	0.540	0.003	0.122	0.240	0.425	0.665	78.0	1.7
25 03 78 1045			.3		0.016	0.080	0.42	0.002	0.123	0.205	0.340	0.545	74.	1.4
30 04 78 1225			.3		0.003	0.026	0.500	0.006	0.415	0.447	0.474	0.921	85.0	7.3
22 05 78 1205			.3		0.008	0.034	0.570	0.023	0.150	0.207	0.536	0.743	77.0	15.0
30 07 78 1145			.3		0.008	0.062	0.580	0.005	0.045	0.112	0.518	0.630	69.0	5.4
27 08 78 1215			.3		0.023	0.138	0.590	0.007	0.030	0.175	0.452	0.627	71.0	7.0
24 09 78 1155			.3		0.011	0.052	0.500	0.006	0.015	0.073	0.448	0.521	66.0	3.0
29 10 78 1100			.3		0.003	0.008	0.470	0.005	0.060	0.073	0.462	0.535	63.0	4.0
26 11 78 1325			.3		0.015	0.131	0.510	0.003	0.105	0.239	0.379	0.618	70.0	1.0
27 12 78 1340			.3										73.	1.5
MAXIMUM					0.028	0.138	0.590	0.023	0.415	0.447	0.536	0.921	85.0	15.0
AVG OR GEOM MN (*)					0.014	0.077	0.522	0.006	0.109	0.193	0.445	0.637	73.2	4.7
MINIMUM					0.003	0.008	0.42	0.002	0.015	0.073	0.340	0.521	63.0	1.0
NO OF SAMPLES					10	10	10	10	10	10	10	10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78 1415			.3			117	2.50	1.7
01 03 78 1125			.3			117	1.50	1.5
25 03 78 1045			.3		73	112	1.5	1.5
30 04 78 1225			.3		78	120	2.40	2.7
22 05 78 1205			.3		62	94	2.20	2.0
30 07 78 1145			.3		64	99	3.50	1.4
27 08 78 1215			.3		64	100	1.90	1.2
24 09 78 1155			.3		63	97	3.10	1.4
29 10 78 1100			.3		59	91	2.40	1.3
26 11 78 1325			.3		69	106	2.50	1.5
27 12 78 1340			.3		71	108		2.0
MAXIMUM					78	120	3.50	2.7
AVG OR GEOM MN (*)					67	106	2.35	1.6
MINIMUM					59	91	1.50	1.2
NO OF SAMPLES					9	11	10	11

STATION ID: 19-0064-002-02

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: HIGHWAY 101 BRIDGE, TIMMINS
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 2 LAT: LONG: U T M: 17 0474100.0 5369000.0 4 REGION: 05 MILEAGE: 265.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78 1445			.3		23715	4	200. L	40. L		0.0	12.0			
01 03 78 1145			.3		23732	4	200. L	40. L		0.0	10.0	0.2	0.014	0.006
25 03 78 1105			.3		23749	4	600.	40. L		0.0	5.0	0.6	0.050	0.129
30 04 78 1240			.3		23765	3	20.	4.		0.0	9.0	0.8	-0.028	0.003
22 05 78 1220			.3		23780	6	400.	40.		12.0	7.0	1.2	0.023	0.003
25 06 78 1225			.3		23794	6	200. L	40. L		19.0	5.0	0.4	0.004	0.001
30 07 78 1210			.3		23811	6	400.	40. L		21.0	5.0	0.5	0.012	0.003
27 08 78 1235			.3		23826	6	200. L	40.		18.0	7.0	0.6	0.019	0.006
24 09 78 1210			.3		23841	6				14.0	6.0	0.5	0.008	0.003
29 10 78 1110			.3		23856	6	400.	40. L		3.0	9.0	0.2	0.010	0.003
26 11 78 1340			.3		23871	4	200. L	40. L		0.0	11.0	0.4	0.005	0.001
27 12 78 1355			.3		23886	4	200. L	40. L		0.0	7.0			
MAXIMUM							600.	40.		21.0	12.0	1.2	0.050	0.129
AVG OR GEOM MN (*)							217.* D	32.* D		7.3	7.8	0.5	0.017	0.016
MINIMUM							20.	4.		0.0	5.0	0.2	0.004	0.001
NO OF SAMPLES							11	11		12	12	10	10	10

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
01 03 78	1145			.3		0.008	0.310	0.002	0.108	0.118	0.302	0.420	72.0	0.9	
25 03 78	1105			.3		0.56	0.050	0.030	0.006	0.596	0.510	0.086	114.	36.	78
30 04 78	1240			.3		0.040	0.520	0.006	0.425	0.471	0.480	0.951	100.0	12.0	88
22 05 78	1220			.3		0.024	0.470	0.007	0.125	0.156	0.446	0.602	77.0	18.0	59
25 06 78	1225			.3		0.022	0.420	0.004	0.065	0.091	0.398	0.489	60.0	7.0	53
30 07 78	1210			.3		0.016	0.440	0.004	0.046	0.066	0.424	0.490	68.0	2.7	65
27 08 78	1235			.3		0.020	0.430	0.004	0.040	0.064	0.410	0.474	60.0	2.2	58
24 09 78	1210			.3		0.018	0.390	0.004	0.050	0.072	0.372	0.444	60.0	1.8	58
29 10 78	1110			.3		0.014	0.380	0.004	0.075	0.093	0.366	0.459	64.0	2.0	62
26 11 78	1340			.3		0.015	0.330	0.003	0.095	0.113	0.315	0.428	63.0	0.7	62
MAXIMUM						0.56	0.520	0.030	0.425	0.596	0.510	0.951	114.	36.	88
AVG OR GEOM MN (*)						0.074	0.374	0.007	0.104	0.184	0.402	0.484	73.8	8.3	65
MINIMUM						0.008	0.050	0.002	0.006	0.064	0.302	0.086	60.0	0.7	53
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
01 03 78	1145			.3		109	1.40	1.0
25 03 78	1105			.3		120	1.1	1.4
30 04 78	1240			.3		136	4.20	2.5
22 05 78	1220			.3		90	1.70	1.6
25 06 78	1225			.3		81	1.60	1.1
30 07 78	1210			.3		100	2.00	1.1
27 08 78	1235			.3		90	1.20	0.8
24 09 78	1210			.3		89	2.50	1.0
29 10 78	1110			.3		95	1.90	1.1
26 11 78	1340			.3		95	1.80	1.0
MAXIMUM						136	4.20	2.5
AVG OR GEOM MN (*)						101	1.94	1.3
MINIMUM						81	1.1	0.8
NO OF SAMPLES						10	10	10

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 WHITNEY TOWNSHIP
STATION TYPE: RIVER

STATION ID: 19-0064-003-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 3 LAT: LONG: U T M: 17 0487025.0 5371100.0 4 REGION: 05 MILEAGE: 268.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78	1345			.3		23713	4	200. L	40. L		0.0	6.0			
01 03 78	1100			.3		23730	4	200. L	40. L		0.0	6.0	0.8	0.064	0.042
25 03 78	1010			.3		23747	4	200. L	40. L		0.0	3.0	0.5	0.064	0.045
30 04 78	1155			.3		23763	4 3	0.	0.		0.0	8.0	1.0	0.056	0.020
22 05 78	1140			.3		23778	6	200. L	40. L		12.0	8.0	1.4	0.043	0.016
25 06 78	1145			.3		23792	7	200. L	40. L		19.0	4.0	1.0	0.062	0.013
30 07 78	1120			.3		23809	5 7	200.	40.		19.0	9.0	1.4	0.166	0.081
27 08 78	1150			.3		23824	5 7	200. L	120.		18.0	3.0	1.0	0.139	0.097
24 09 78	1130			.3		23839	5 7				13.0	8.0	0.2	0.105	0.058
29 10 78	1035			.3		23854	5 7	400.	40. L		3.0	5.0	1.6	0.044	0.012
26 11 78	1255			.3		23869	4	200. L	40. L		0.0	2.0	1.8	0.052	0.006
27 12 78	1315			.3		23884	4	200. L	40. L		0.0	4.0			
MAXIMUM								400.	120.		19.0	9.0	1.8	0.166	0.097
AVG OR GEOM MN (*)								132.* D	32.* D		7.0	5.5	1.1	0.080	0.039
MINIMUM								0.	0.		0.0	2.0	0.2	0.043	0.006
NO OF SAMPLES								11	11		12	12	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
01 03 78	1100			.3		0.145	0.770	0.017	0.017	0.179	0.625	0.804	601.0	3.5	
25 03 78	1010			.3		0.018	0.60	0.004	0.396	0.418	0.582	1.000	605.	2.0	603
30 04 78	1155			.3		0.202	0.760	0.016	0.435	0.653	0.558	1.211	145.0	2.1	
22 05 78	1140			.3		0.004	0.670	0.460	0.290	0.754	0.666	1.420	353.0	4.6	348
25 06 78	1145			.3		0.146	1.060	0.041	0.175	0.362	0.914	1.276	403.0	7.3	396
30 07 78	1120			.3		0.064	0.800	0.007	0.008	0.079	0.736	0.815	360.0	6.4	354
27 08 78	1150			.3		0.146	0.770	0.004	0.010	0.160	0.624	0.784	440.0	3.6	436
24 09 78	1130			.3		0.062	0.670	0.010	0.005L	0.077	0.608	0.685	434.0	21.0	413
29 10 78	1035			.3		0.072	0.710	0.004	0.005L	0.081	0.638	0.719	445.0	7.0	438
26 11 78	1255			.3		0.035	0.800	0.008	0.077	0.120	0.765	0.885	462.0	4.0	458
MAXIMUM						0.202	1.060	0.460	0.435	0.754	0.914	1.420	605.	21.0	603
AVG OR GEOM MN (*)						0.089	0.761	0.057	0.142D	0.288	0.672	0.960	424.8	6.2	431
MINIMUM						0.004	0.60	0.004	0.005	0.077	0.558	0.685	145.0	2.0	348
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	8

(C O N T D)

STATION ID: 19-0064-003-02

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 WHITNEY TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 3 LAT: LONG: U T M: 17 0487025.0 5371100.0 4 REGION: 05 MILEAGE: 268.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L
29 01 78 1345			.3						0.013			0.090		
01 03 78 1100			.3			820	3.20	35.0	0.008			0.020		
25 03 78 1010			.3			815	1.4	35.5	0.007	0.05 L	0.02 L	0.02	0.03 L	0.005L
30 04 78 1155			.3		143	220	4.4	13.5	0.007	0.05 L	0.02 L	0.02	0.03 L	0.005L
22 05 78 1140			.3			485	3.10	22.5	0.007	0.05 L	0.02 L	0.02	0.03 L	0.005L
25 06 78 1145			.3			540	3.60	21.0	0.007	0.05 L	0.02 L	0.02	0.03 L	0.005L
30 07 78 1120			.3			495	3.00	20.0	0.014	0.15	0.02 L	0.04	0.03 L	0.005L
27 08 78 1150			.3			525	2.30	20.0	0.014	0.15	0.02 L	0.04	0.03 L	0.005L
24 09 78 1130			.3			560	22.00	21.0	0.013	1.100	0.020L	0.020L	0.050L	0.010L
29 10 78 1035			.3			600	4.40	22.5	0.009	0.110	0.020L	0.070	0.030L	0.005L
26 11 78 1255			.3			660	4.30	28.5	0.002	0.120	0.020L	0.040	0.030L	0.005L
27 12 78 1315			.3						0.007	0.100	0.050L	0.040	0.030L	0.005L
MAXIMUM					143	820	22.00	35.5	0.014	1.100	0.050	0.090	0.050	0.010
AVG OR GEOM MN (*)					143	572	5.17	24.0	0.009	0.193D	0.023D	0.037D	0.032D	0.006D
MINIMUM					143	220	1.4	13.5	0.002	0.05	0.02	0.020	0.03	0.005
NO OF SAMPLES					1	10	10	10	12	10	10	12	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
29 01 78 1345			.3		0.060	0.040L	
01 03 78 1100			.3		0.020	0.040	
25 03 78 1010			.3		0.01 L	0.02 L	0.02 L
30 04 78 1155			.3		0.01 L	0.02 L	0.02 L
22 05 78 1140			.3		0.01 L	0.02 L	0.02 L
25 06 78 1145			.3		0.01 L	0.02 L	0.02 L
30 07 78 1120			.3		0.01 L	0.02	0.02 L
27 08 78 1150			.3		0.01 L	0.02	0.02 L
24 09 78 1130			.3		0.020L	0.060L	0.040L
29 10 78 1035			.3		0.010L	0.020	0.020L
26 11 78 1255			.3		0.010L	0.020	0.020L
27 12 78 1315			.3		0.020	0.080	0.020L
MAXIMUM					0.060	0.080	0.040
AVG OR GEOM MN (*)					0.017D	0.032D	0.022D
MINIMUM					0.01	0.02	0.02
NO OF SAMPLES					12	12	10

STATION ID: 19-0064-004-02

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 BRIDGE, HOYLE
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 4 LAT: LONG: U T M: 17 0496000.0 5377200.0 4 REGION: 05 MILEAGE: 251.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78 1135			.3		23710	4	400.	40. L		0.0	7.0			
1320			.3		23712	4	200. L	40. L		0.0	2.0	1.2	0.132	0.052
01 03 78 1035			.3		23729	4	200. L	60.		0.0	2.0	1.6	0.162	0.041
25 03 78 0950			.3		23746	4	200. L	40. L		0.0	0.0	1.4	0.218	0.037
30 04 78 1140			.3		23762	4	140.	44.		0.0	7.0	1.5	0.088	0.016
22 05 78 1120			.3		23777	6	200.	40.		11.0	3.0	1.0	0.055	0.013
25 06 78 1130			.3		23791	9	200. L	40. L		17.0	4.0	1.0	0.048	0.024
30 07 78 1055			.3		23808	9	400.	40. L		19.0	3.0	1.2	0.086	0.047
27 08 78 1:35			.3		23823	8	200.	200.		18.0	4.0	0.5	0.071	0.037
24 09 78 1110			.3		23838	9 8				13.0	7.0	0.6	0.040	0.016
29 10 78 1020			.3		23853	9	200. L	40. L		3.0	8.0	1.6	0.042	0.014
26 11 78 0230			.3		23868	4	200.	40.		0.0	2.0	1.0	0.044	0.025
27 12 78 1250			.3		23883	4	200. L	40. L		0.0	3.0			
MAXIMUM							400.	200.		19.0	8.0	1.6	0.218	0.052
AVG OR GEOM MN (*)							218.* D	48.* D		6.2	4.0	1.1	0.090	0.029
MINIMUM							140.	40.		0.0	0.0	0.5	0.040	0.013
NO OF SAMPLES							12	12		13	13	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L
29 01 78 1320			.3		0.650	1.260	0.025	0.020	0.695	0.610	1.305	624.0	11.0	
01 03 78 1035			.3		0.570	1.260	0.005	0.005L	0.580	0.690	1.270	782.0	11.0	
25 03 78 0950			.3		0.915	1.60	0.004	0.005L	0.924	0.685	1.609	829.	11.	818
30 04 78 1140			.3		0.082	1.060	0.015	0.555	0.652	0.978	1.630	259.0	22.0	
22 05 78 1120			.3		0.004	0.770	0.090	0.255	0.349	0.766	1.115	195.0	10.0	
25 06 78 1130			.3		0.024	0.800	0.013	0.085	0.122	0.776	0.898	177.0	7.6	
30 07 78 1055			.3		0.028	0.920	0.011	0.069	0.108	0.892	1.000	197.0	7.9	
27 08 78 1135			.3		0.048	0.860	0.006	0.005L	0.059	0.812	0.871	231.0	3.0	
24 09 78 1110			.3		0.036	0.880	0.008	0.025	0.069	0.844	0.913	240.0	6.4	
29 10 78 1020			.3		0.018	0.760	0.010	0.140	0.168	0.742	0.910	241.0	7.0	
26 11 78 0230			.3		0.066	0.740	0.009	0.311	0.386	0.674	1.060	400.0	7.0	393
MAXIMUM					0.915	1.60	0.090	0.555	0.924	0.978	1.630	829.	22.0	818
AVG OR GEOM MN (*)					0.222	0.992	0.018	0.134D	0.374	0.770	1.144	379.5	9.4	606
MINIMUM					0.004	0.740	0.004	0.005	0.059	0.610	0.871	177.0	3.0	393
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	2

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	265 TOTAL ARSENIC MG/L	203 TOTAL ALUMINUM MG/L
29 01 78 1320			.3			810	6.80	17.0	305.0	6.96	0.940		0.004	
01 03 78 1035			.3			970	12.00	18.5	460.0	6.85	1.500		0.006	
25 03 78 0950			.3			1025	9.7	18.0					0.004	0.66
30 04 78 1140			.3		237	365	14.0	9.4				1. L	0.004	0.66
22 05 78 1120			.3		185	285	4.40	8.1				1.0	0.004	0.86
25 06 78 1130			.3		169	260	5.50	5.3					0.003	0.62
30 07 78 1055			.3		189	290	4.50	6.9					0.005	0.53
27 08 78 1135			.3		228	350	1.90	8.7					0.005	0.53
24 09 78 1110			.3		234	360	5.30	3.5					0.002	0.520
29 10 78 1020			.3		234	360	5.50	6.5					0.003	0.480
26 11 78 0230			.3			490	7.00	11.0					0.003	0.600
27 12 78 1250			.3										0.006	2.000
MAXIMUM					237	1025	14.0	18.5	460.0	6.96	1.500	1.	0.006	2.000
AVG OR GEOM MN (*)					211	506	6.96	10.3	382.5	6.91	1.220	1.00	0.004	0.746
MINIMUM					169	260	1.90	3.5	305.0	6.85	0.940	1.	0.002	0.480
NO OF SAMPLES					7	11	11	11	2	2	2	2	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	229 TOTAL LEAD MG/L	215 TOTAL CADMIUM MG/L	249 TOTAL ZINC MG/L	238 TOTAL NICKEL MG/L	217 TOTAL COBALT MG/L
29 01 78 1320			.3			0.010L			0.060	0.020L	
01 03 78 1035			.3			0.020			0.020	0.020L	
25 03 78 0950			.3		0.02 L	0.01 L	0.03 L	0.005L	0.02	0.02 L	0.02 L
30 04 78 1140			.3		0.02 L	0.01 L	0.03 L	0.005L	0.02	0.02 L	0.02 L
22 05 78 1120			.3		0.02 L	0.04	0.03 L	0.005L	0.05	0.02 L	0.02 L
25 06 78 1130			.3		0.04 L	0.01 L	0.03 L	0.005L	0.02	0.02 L	0.02 L
30 07 78 1055			.3		0.04 L	0.02	0.03 L	0.005L	0.02	0.02 L	0.02 L
27 08 78 1135			.3		0.04 L	0.02	0.03 L	0.005L	0.02	0.02 L	0.02 L
24 09 78 1110			.3		0.020L	0.020L	0.050L	0.010L	0.020L	0.060L	0.040L
29 10 78 1020			.3		0.020L	0.010L	0.030L	0.005L	0.060	0.020L	0.020L
26 11 78 0230			.3		0.020	0.040	0.030L	0.005	0.060	0.020	0.020L
27 12 78 1250			.3		0.150	0.320	0.030L	0.005L	0.240	0.020L	0.020L
MAXIMUM					0.150	0.320	0.050	0.010	0.240	0.060	0.040
AVG OR GEOM MN (*)					0.039D	0.044D	0.032D	0.0060	0.051D	0.023D	0.022D
MINIMUM					0.02	0.010	0.03	0.005	0.020	0.020	0.02
NO OF SAMPLES					10	12	10	10	12	12	10

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-005-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 5 LAT: LONG: U T M: 17 0523700.0 5402350.0 4 REGION: 05 MILEAGE: 231.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
29 01 78 1105			.3		23709	4	46000.	40.	0.0	11.0	3.0	0.082	0.064	0.006
01 03 78 0830			.3		23726	4	200. L	40. L	0.0	7.0	2.8	0.130	0.042	0.004
25 03 78 0755			.3		23743	9	55000.	320.	1.0	10.0	1.8	0.078	0.029	0.024
MAXIMUM							55000.	320.	1.0	11.0	3.0	0.130	0.064	0.024
AVG OR GEOM MN (*)							7966.* D	80.* D	0.3	9.3	2.5	0.097	0.045	0.011
MINIMUM							200.	40.	0.0	7.0	1.8	0.078	0.029	0.004
NO OF SAMPLES							3	3	3	3	3	3	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
29 01 78 1105			.3		0.560	0.028	0.100	0.134	0.554	0.688	102.0	14.0		135
01 03 78 0830			.3		0.800	0.025	0.105	0.134	0.796	0.930	118.0	24.0		145
25 03 78 0755			.3		0.62	0.015	0.095	0.134	0.596	0.730	130.	31.	99	152
MAXIMUM					0.800	0.028	0.105	0.134	0.796	0.930	130.	31.	99	152
AVG OR GEOM MN (*)					0.660	0.023	0.100	0.134	0.649	0.783	116.7	23.0	99	144
MINIMUM					0.560	0.015	0.095	0.134	0.554	0.688	102.0	14.0	99	135
NO OF SAMPLES					3	3	3	3	3	3	3	3	1	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
29 01 78 1105			.3		58.00	1.8			5.6	56	7.20	4.800		70.0
01 03 78 0830			.3		65.00	1.9			7.2	59	7.15	5.000	6.0	70.0
25 03 78 0755			.3		53.	1.8	16.5	2.85	5.6	63	7.42	4.7	2.	76.
MAXIMUM					65.00	1.9	16.5	2.85	7.2	63	7.42	5.000	6.0	76.
AVG OR GEOM MN (*)					58.67	1.8	16.5	2.85	6.1	59	7.26	4.833	4.0	72.0
MINIMUM					53.	1.8	16.5	2.85	5.6	56	7.15	4.7	2.	70.0
NO OF SAMPLES					3	3	1	1	3	3	3	3	2	3

(C O N T D)

```
                                                                                   STATION ID:  19-0064-005-02
 B.O.W./ SITE: ABITIBI RIVER
 SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER COMPANY
 STATION TYPE: RIVER                                  MAJOR BASIN: ARCTIC DRAINAGE ONTARIO          STORET CODE: 04
                                                      MINOR BASIN: JAMES BAY SHORE                               001
                                                      TERM STREAM: MOOSE RIVER                                   0230

STN NO:      5    LAT:              LONG:          U T M: 17 0523700.0 5402350.0 4    REGION: 05          MILEAGE:  231.80

                                          72         74         68         67         66         41
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD
DY MO YR LMT   DIST BRG DEPTH        CALCIUM     NESIUM      HAZEN          K         NA
               FEET       MTRS          MG/L       MG/L      UNITS       MG/L       MG/L       MG/L

29 01 78 1105                .3                                70G
01 03 78 0830                .3        19.00       5.50        70G
25 03 78 0755                .3         21.4        5.5        70G       2.70        4.4         58

                      MAXIMUM           21.4       5.50         70       2.70        4.4         58
           AVG OR GEOM MN (*)          20.20       5.50        70U       2.70        4.4         58
                      MINIMUM          19.00       5.50         70       2.70        4.4         58

               NO OF SAMPLES               2          2          3          1          1          1


                                                                                   STATION ID:  19-0064-006-02
 B.O.W./ SITE: ABITIBI RIVER
 SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY
 STATION TYPE: RIVER   FLOW GAUGE FED 04MC001         MAJOR BASIN: ARCTIC DRAINAGE ONTARIO          STORET CODE: 04
                                                      MINOR BASIN: JAMES BAY SHORE                               001
                                                      TERM STREAM: MOOSE RIVER                                   0230

STN NO:      6    LAT:              LONG:          U T M: 17 0524325.0 5400950.0 4    REGION: 05          MILEAGE:  232.00

                                         934        901        444         80         81         84        805          3          1         33
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO                         COLIFORM   COLIFORM     ENTER.      TEMP.         O2        BOD          P
               FEET       MTRS                                       MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L       MG/L

01 03 78 0855                .3        23727          4    4340.00     200. L      40. L                   0.0       12.0        0.5      0.105
25 03 78 0825                .3        23744          4    3830.00     200. L      40. L                   0.0        7.0        0.2      0.086
30 04 78 1015                .3        23760          9    8100.00       0.         0.                     0.0        6.0        2.0      0.090
22 05 78 1000                .3        23775          9    3980.00     200. L      40. L                  12.0        6.0        0.8      0.050
25 06 78 1010                .3        23789          9    6500.00     200.        40. L                  15.0        4.0        1.5      0.030
30 07 78 0830                .3        23806          9    5980.00     200. L      40. L                  18.0        7.0        0.6      0.065
27 08 78 1000                .3        23821          9    6920.00     200. L      40. L                  17.0        7.0        1.4      0.106
24 09 78 0945                .3        23836          9    5330.00                                        13.0        8.0        0.4      0.045
29 10 78 0900                .3        23851          9    4900.00     200. L      40. L                   5.0        6.0        1.6      0.074
26 11 78 1045                .3        23866          9    5270.00     200. L      40. L                   0.0        9.0        2.6      0.068
27 12 78 1110                .3        23881          9    6110.00     200. L      40. L                   0.0       11.0

                      MAXIMUM                              8100.00     200.        40.                    18.0       12.0        2.6      0.106
           AVG OR GEOM MN (*)                              5569.09     118.* D     28.* D                  7.3        7.5        1.2      0.072
                      MINIMUM                              3830.00       0.         0.                     0.0        4.0        0.2      0.030

               NO OF SAMPLES                                    11         10         10                    11         11         10         10

                                          34         19         20         21         22         17         18         23          5          6
SAMP DTE HOUR  STN  STN SAMP  PJ    FILTERED   FILTERED      TOTAL   FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.
DY MO YR LMT   DIST BRG DEPTH       REACTIVE    AMMONIA   KJELDAHL   NO2-N      NO3-N             N   ORGNC  N                SOLIDS     SOLIDS
               FEET       MTRS        P MG/L       MG/L       MG/L   MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L



01 03 78 0855                .3        0.068      0.006      0.650      0.020      0.256      0.282      0.644      0.926      105.0        8.7
25 03 78 0825                .3        0.052      0.004      0.48       0.022      0.253      0.279      0.476      0.755      110.         11.
30 04 78 1015                .3                   0.074      0.780      0.017      0.815      0.906      0.706      1.612      113.0       38.0
22 05 78 1000                .3        0.017      0.020      0.620      0.019      0.150      0.189      0.600      0.789       72.0        6.5
25 06 78 1010                .3        0.020      0.020      0.560      0.015      0.115      0.150      0.540      0.690       81.0        6.9
30 07 78 0830                .3        0.038      0.006      0.550      0.018      0.162      0.186      0.544      0.730       85.0       21.0
27 08 78 1000                .3        0.045      0.008      0.560      0.026      0.150      0.184      0.552      0.736       73.0        7.6
24 09 78 0945                .3        0.045      0.006      0.500      0.018      0.185      0.209      0.494      0.703       77.0        7.8
29 10 78 0900                .3        0.046      0.002      0.520      0.019      0.170      0.191      0.518      0.709       81.0        6.0
26 11 78 1045                .3        0.035                 0.520      0.021      0.200                            0.741       83.0        8.0

                      MAXIMUM          0.068      0.074      0.780      0.026      0.815      0.906      0.706      1.612      113.0       38.0
           AVG OR GEOM MN (*)          0.041      0.016      0.574      0.020      0.246      0.286      0.564      0.839       88.0       12.2
                      MINIMUM          0.017      0.002      0.48       0.015      0.115      0.150      0.476      0.690       72.0        6.0

               NO OF SAMPLES               9          9         10         10         10          9          9         10         10         10

                                         107         14         16         56         59        280         95         52         55        208
SAMP DTE HOUR  STN  STN SAMP  PJ      CALCUL      COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL
DY MO YR LMT   DIST BRG DEPTH       D-SOLIDS        25C   FORMAZIN       MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
               FEET       MTRS      MG/L          UMHOS      UNITS                  MG/L  SI MG/L         MG/L       MG/L                  MG/L

01 03 78 0855                .3                     147      67.00        1.9                               3.3         64       7.35      5.200
25 03 78 0825                .3           99        153      52.          1.7       16.5       2.85        9.5         63       7.63      5.0
30 04 78 1015                .3           75        145      39.0         2.0        9.5       2.05        3.5         47       7.36      3.1
22 05 78 1000                .3           65        102      18.00        1.4        9.0       2.35        5.8         43       7.88      1.600
25 06 78 1010                .3           74        114      23.00        1.2        8.5       2.40        3.7         51       7.52      1.820
30 07 78 0830                .3           64         98      40.00        1.2        9.5       2.30        3.5         43       7.43      2.800
27 08 78 1000                .3           65        100      42.00        1.1        9.5       2.05        2.1         43       7.56      3.300
24 09 78 0945                .3           69        106      48.00        1.3       10.0       2.00        3.3         49       7.53      3.000
29 10 78 0900                .3           75        115      45.00        1.5       10.5       2.15        1.5         54       7.44      3.500
26 11 78 1045                .3           75        116      46.00        1.4       11.5       2.20        1.1         53       7.53      3.500

                      MAXIMUM             99        153      67.00        2.0       16.5       2.85        9.5         64       7.88      5.200
           AVG OR GEOM MN (*)             73        120      42.00        1.5       10.5       2.26        3.7         51       7.52      3.282
                      MINIMUM             64         98      18.00        1.1        8.5       2.00        1.1         43       7.35      1.600

               NO OF SAMPLES               9         10         10         10          9          9         10         10         10         10

                                          25         76         72         74         68         67         66         41        201
SAMP DTE HOUR  STN  STN SAMP  PJ     PHENOLS     CALCUL      TOTAL   TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD      TOTAL
DY MO YR LMT   DIST BRG DEPTH                  HARDNESS    CALCIUM     NESIUM      HAZEN          K         NA                    MN
               FEET       MTRS          UG/L       MG/L       MG/L       MG/L      UNITS       MG/L       MG/L       MG/L       MG/L

01 03 78 0855                .3          3.0       75.0      20.00       6.00        70G
25 03 78 0825                .3          1. L      75.       21.         5.5         70G       2.75        3.1         37      0.088
30 04 78 1015                .3          1. L      58.       17.0        3.85        70G       1.80        2.2         44      0.130
22 05 78 1000                .3          1.5       51.0      14.80       3.50        148       0.95       1.90         10      0.046
25 06 78 1010                .3          2.0       61.0      18.00       3.95        210       1.20       1.90         45      0.052
30 07 78 0830                .3          1.0L      53.0      15.20       3.65        182       1.60       2.00         41      0.068
27 08 78 1000                .3          1.0L      53.0      15.20       3.75        254       1.85       1.80         44      0.076
24 09 78 0945                .3          1.0L      62.0      18.20       4.00        145       2.00       2.10         32      0.072
29 10 78 0900                .3          1.0L      61.0      17.60       4.15        216       1.85       2.20         48      0.060
26 11 78 1045                .3                    66.0      19.60       4.20        258       2.00       2.00         49      0.072
27 12 78 1110                .3                                                                         2.00         49      0.072

                      MAXIMUM            3.0       75.0      21.         6.00        258       2.75        3.1         49      0.130
           AVG OR GEOM MN (*)            1.4D      61.5      17.66       4.26       162U       1.78       2.12         40      0.074
                      MINIMUM            1.        51.0      14.80       3.50         70       0.95       1.80         10      0.046

               NO OF SAMPLES               9         10         10         10         10          9         10         10         10
```

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 101 TOWN OF MATHESON
STATION TYPE: RIVER

STATION ID: 19-0064-007-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 7 LAT: LONG: U T M: 17 0539500.0 5376150.0 4 REGION: 05 MILEAGE: 262.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
29 01 78	1230			.3		23711	4	200. L	40. L		0.0	12.0	0.6	0.032	0.009
01 03 78	0950			.3		23728	4	200. L	40. L		0.0	9.0	0.5	0.020	0.012
25 03 78	0905			.3		23745	4	200. L	40. L		0.0	4.0	0.4	0.011	0.005
30 04 78	1100			.3		23761	4	20.	16.		0.0	8.0	1.6	0.084	0.013
22 05 78	1045			.3		23776	6	200. L	40. L		13.0	6.0	0.8	0.033	0.008
25 06 78	1050			.3		23790	9	200.	40.		17.0	6.0			
30 07 78	0915			.3		23807	8	200. L	40. L		18.0	5.0	0.5	0.028	0.011
27 08 78	1055			.3		23822	8	200. L	80.		18.0	7.0	0.2	0.032	0.018
24 09 78	1030			.3		23837	6				13.0	8.0	0.6	0.022	0.015
29 10 78	0940			.3		23852	6	200.	200.		2.0	10.0	0.6	0.019	0.010
26 11 78	1145			.3		23867	4	200. L	160.		0.0	5.0	1.0	0.018	0.009
27 12 78	1200			.3		23882	4	200. L	40. L		0.0	4.0		0.292	
MAXIMUM								200.	200.		18.0	12.0	1.6	0.292	0.018
AVG OR GEOM MN (*)								162.* D	51.* D		6.8	7.0	0.7	0.054	0.011
MINIMUM								20.	16.		0.0	4.0	0.2	0.011	0.005
NO OF SAMPLES								11	11		12	12	10	11	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
29 01 78	1230			.3		0.080	0.640	0.012	0.310	0.402	0.560	0.962	201.0	13.0	
01 03 78	0950			.3		0.091	0.880	0.018	0.647	0.756	0.789	1.545	255.0	3.2	
25 03 78	0905			.3		0.026	0.25	0.006	0.169	0.201	0.224	0.425	140.	7.3	133
30 04 78	1100			.3		0.294	0.820	0.025	0.645	0.964	0.526	1.490	103.0	52.0	51
22 05 78	1045			.3		0.018	0.620	0.023	0.085	0.126	0.602	0.728	64.0	15.0	49
30 07 78	0915			.3		0.020	0.620	0.010	0.040	0.070	0.600	0.670	78.0	9.5	68
27 08 78	1055			.3		0.046	0.740	0.011	0.030	0.087	0.694	0.781	78.0	4.9	73
24 09 78	1030			.3		0.046	0.560	0.009	0.010	0.065	0.514	0.579	89.0	9.7	79
29 10 78	0940			.3		0.008	0.500	0.007	0.065	0.080	0.492	0.572	73.0	4.0	69
26 11 78	1145			.3		0.007	0.500	0.007	0.218	0.232	0.493	0.725	85.0	4.0	81
27 12 78	1200			.3									170.	59.	111
MAXIMUM						0.294	0.880	0.025	0.647	0.964	0.789	1.545	255.0	59.	133
AVG OR GEOM MN (*)						0.064	0.613	0.013	0.222	0.298	0.549	0.848	121.5	16.5	79
MINIMUM						0.007	0.25	0.006	0.010	0.065	0.224	0.425	64.0	3.2	49
NO OF SAMPLES						10	10	10	10	10	10	10	11	11	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78	1230			.3		290	7.60	6.7
01 03 78	0950			.3		388	4.40	7.9
25 03 78	0905			.3		204	7.4	1.5
30 04 78	1100			.3		78	31.0	1.5
22 05 78	1045			.3		74	7.10	1.2
30 07 78	0915			.3		104	11.00	1.3
27 08 78	1055			.3		115	11.00	1.5
24 09 78	1030			.3		121	15.00	1.5
29 10 78	0940			.3		106	5.90	1.7
26 11 78	1145			.3		125	11.00	1.8
27 12 78	1200			.3		170		2.0
MAXIMUM						388	31.0	7.9
AVG OR GEOM MN (*)						161	11.14	2.6
MINIMUM						74	4.40	1.2
NO OF SAMPLES						11	10	11

B.O.W./ SITE: MATTAWISHKWIA RIVER
SAMPLE POINT: HIGHWAY 11 TOWN OF HEARST
STATION TYPE: RIVER

STATION ID: 19-0064-008-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 8 LAT: LONG: U T M: 17 0310050.0 5506750.0 4 REGION: 05 MILEAGE: 214.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L
26 01 78	1240			.3		23700	4	1000.	200.		0.0	4.0	1.2	0.032	0.005
28 02 78	1300			.3		23717	4	200. L	60.		0.0	5.0	2.2	0.350	0.210
24 03 78	1205			.3		23734	4	600.	40.		0.0	6.0	1.6	0.730	0.520
29 04 78	1350			.3		23753	3	500.	140.		1.0	6.0	1.6	0.094	0.024
21 05 78	1420			.3		23767	3	200. L	40. L		9.0	10.0	0.6	0.024	0.007
24 06 78	1330			.3		23781	6	200.	40.		17.0	6.0	0.6	0.016	0.004
29 07 78	0920			.3		23798	6	200.	40. L		17.0	7.0	0.6	0.028	0.005
26 08 78	1300			.3		23813	5	800.	80.		19.0	6.0	0.8	0.042	0.017
23 09 78	1400			.3		23828	9				14.0	9.0	0.8	0.084	0.051
28 10 78	1430			.3		23843	5	400.	40. L		2.0	5.0	0.4	0.056	0.040
25 11 78	1345			.3		23858	4	200. L	120.		0.0	10.0	1.0	0.020	0.015
26 12 78	1420			.3		23873	4	200. L	40. L		0.0	3.0		0.028	
MAXIMUM								1000.	200.		19.0	10.0	2.2	0.730	0.520
AVG OR GEOM MN (*)								336.* D	63.* D		6.6	6.4	1.0	0.125	0.082
MINIMUM								200.	40.		0.0	3.0	0.4	0.016	0.004
NO OF SAMPLES								11	11		12	12	11	12	11

(C O N T D)

STATION ID: 19-0064-008-02

B.O.W./ SITE: MATTAWISHKWIA RIVER
SAMPLE POINT: HIGHWAY 11 TOWN OF HEARST
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 8   LAT: LONG: U T M: 17 0310050.0 5506750.0 4   REGION: 05   MILEAGE: 214.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L
28 01 78 1240			.3		0.010	0.730	0.008	0.065	0.083	0.720	0.803	124.0	5.6	
28 02 78 1300			.3		0.790	2.350	0.011	0.219	1.020	1.560	2.580	189.0	11.0	
24 03 78 1205			.3		2.06	4.10	0.009	0.231	2.300	2.040	4.340	223.	11.	212
29 04 78 1350			.3		0.124	0.780	0.013	0.625	0.762	0.656	1.418	161.0	41.0	120
21 05 78 1420			.3		0.024	0.570	0.009	0.025	0.058	0.546	0.604	47.0	7.5	39
24 06 78 1330			.3		0.016	0.580	0.006	0.005	0.027	0.564	0.591	67.0	5.9	61
29 07 78 0920			.3		0.014	0.680	0.006	0.014	0.034	0.666	0.700	69.0	6.4	63
26 08 78 1300			.3		0.042	0.850	0.012	0.015	0.069	0.808	0.877	82.0	4.1	78
23 09 78 1400			.3		0.058	0.900	0.009	0.005L	0.072	0.842	0.914	122.0	7.7	114
28 10 78 1430			.3		0.040	0.710	0.008	0.085	0.133	0.670	0.803	66.0	2.0	64
25 11 78 1345			.3		0.004	0.670	0.005	0.080	0.089	0.666	0.755	85.0	4.0	81
26 12 78 1420			.3									109.	2.0	107
MAXIMUM					2.06	4.10	0.013	0.625	2.300	2.040	4.340	223.	41.0	212
AVG OR GEOM MN (*)					0.289	1.175	0.009	0.124D	0.422	0.885	1.308	112.0	9.0	94
MINIMUM					0.004	0.570	0.005	0.005	0.027	0.546	0.591	47.0	2.0	39
NO OF SAMPLES					11	11	11	11	11	11	11	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
28 01 78 1240			.3		181	3.80	1.4
28 02 78 1300			.3		274	5.20	6.3
24 03 78 1205			.3		326	3.4	11.5
29 04 78 1350			.3		185	23.0	3.9
21 05 78 1420			.3		62	3.40	0.9
24 06 78 1330			.3		94	3.60	1.0
29 07 78 0920			.3		97	3.50	1.1
26 08 78 1300			.3		120	3.50	1.3
23 09 78 1400			.3		175	5.60	3.5
28 10 78 1430			.3		98	2.60	2.6
25 11 78 1345			.3		124	4.60	2.2
26 12 78 1420			.3		165		1.8
MAXIMUM					326	23.0	11.5
AVG OR GEOM MN (*)					158	5.66	3.1
MINIMUM					62	2.60	0.9
NO OF SAMPLES					12	11	12

STATION ID: 19-0064-009-02

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: UPSTREAM FROM SPRUCE FALLS PAPER COMPANY
STATION TYPE: RIVER   FLOW GAUGE FED 04LF001

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 9   LAT: LONG: U T M: 17 0396000.0 5473400.0 4   REGION: 05   MILEAGE: 187.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 01 78 1600			.3		23703	4	506.00	4000.	40. L		0.0	4.0	1.4	0.022
28 02 78 1515			.3		23720	4	396.00	600.	40. L		0.0	12.0	0.2	0.016
24 03 78 1440			.3		23737	4	165.00	200. L	40. L		0.0	8.0	0.2	0.015
29 04 78 1515			.3		23754	4	2270.00	100.	24.		0.0	8.0	0.6	0.034
21 05 78 1555			.3		23769	9	14700.00	200. L	40. L		10.0	9.0	0.6	0.032
24 06 78 1540			.3		23783	9	4120.00	200. L	40. L		18.0	7.0	0.8	0.020
29 07 78 1215			.3		23800	8 9	2210.00	200.	40.		16.0	5.0	0.8	0.018
26 08 78 1510			.3		23815	9	940.00	200. L	40. L		22.0	4.0	1.4	0.029
23 09 78 1535			.3		23830	9	954.00				14.0	4.0	2.0	0.030
28 10 78 1550			.3		23845	9	2240.00	400.	40. L		3.0	6.0	0.2	0.015
25 11 78 1520			.3		23860	4	1380.00	200. L	40.		0.0	10.0	0.8	0.011
26 12 78 1555			.3		23875	4	785.00	200. L	40. L		0.0	6.0		0.020
MAXIMUM							14700.00	4000.	40.		22.0	12.0	2.0	0.034
AVG OR GEOM MN (*)							2555.50	290.* D	38.* D		6.9	6.9	0.8	0.022
MINIMUM							165.00	100.	24.		0.0	4.0	0.2	0.011
NO OF SAMPLES							12	11	11		12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
28 01 78 1600			.3		0.002	0.024	0.570	0.007	0.075	0.106	0.546	0.652	117.0	2.8
28 02 78 1515			.3		0.002	0.010	0.410	0.003	0.142	0.155	0.400	0.555	111.0	2.2
24 03 78 1440			.3		0.006	0.006	0.40	0.004	0.186	0.196	0.394	0.590	121.	4.2
29 04 78 1515			.3		0.018	0.022	0.460	0.006	0.260	0.288	0.438	0.726	129.0	4.9
21 05 78 1555			.3		0.003	0.018	0.560	0.009	0.130	0.157	0.542	0.699	73.0	14.0
24 06 78 1540			.3		0.005	0.044	0.540	0.005	0.050	0.099	0.496	0.595	83.0	7.9
29 07 78 1215			.3		0.004	0.036	0.018	0.006	0.024	0.066	0.018	0.048	82.0	4.6
26 08 78 1510			.3		0.013	0.068	0.630	0.004	0.005	0.077	0.562	0.639	90.0	2.0
23 09 78 1535			.3		0.005	0.006	0.700	0.004	0.015	0.025	0.694	0.719	107.0	10.0
28 10 78 1550			.3		0.005	0.022	0.590	0.005	0.050	0.077	0.568	0.645	76.0	3.0
25 11 78 1520			.3		0.002	0.018	0.540	0.004	0.080	0.102	0.522	0.624	86.0	3.0
26 12 78 1555			.3										99.	1.7
MAXIMUM					0.018	0.068	0.700	0.009	0.260	0.288	0.694	0.726	129.0	14.0
AVG OR GEOM MN (*)					0.006	0.025	0.493	0.005	0.092	0.123	0.471	0.590	97.8	5.0
MINIMUM					0.002	0.006	0.018	0.003	0.005	0.025	0.018	0.048	73.0	1.7
NO OF SAMPLES					11	11	11	11	11	11	11	11	12	12

(C O N T D)

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L
28 01 78 1600			.3			176	1.80	1.4			6.2	79	7.25	0.320
28 02 78 1515			.3			167	1.80	1.0			2.3	77	7.45	0.230
24 03 78 1440			.3		117	180	1.4	1.2	10.0	3.0	2.2	84	7.81	0.27
29 04 78 1515			.3		124	190	4.80	1.2	8.5	2.70	2.9	91	• 7.53	0.46
21 05 78 1555			.3		59	91	6.50	0.8	8.5	1.55	4.6	38	6.96	0.580
24 06 78 1540			.3		75	116	3.40	0.8	8.5	1.65	5.4	53	7.36	0.480
29 07 78 1215			.3		77	119	3.00	0.8	8.0	1.95	4.5	56	7.24	0.340
26 08 78 1510			.3		88	140	1.50	0.8	8.0	2.20	2.4	65	7.42	0.340
23 09 78 1535			.3		97	149	4.40	2.0	13.5	2.10	9.6	67	6.84	0.270
28 10 78 1550			.3		73	113	2.90	1.1	8.5	2.15	1.8	54	7.40	0.360
25 11 78 1520			.3		83	128	3.50	1.0	9.5	2.30	2.2	64	7.21	0.470
26 12 78 1555			.3		97	149		1.1	9.5	2.75				0.26
MAXIMUM					124	190	6.50	2.0	13.5	3.0	9.6	91	7.81	0.580
AVG OR GEOM MN (*)					89	143	3.18	1.1	9.3	2.24	4.0	66	7.32	0.365
MINIMUM					59	91	1.4	0.8	8.0	1.55	1.8	38	6.84	0.230
NO OF SAMPLES					10	12	11	12	10	10	11	11	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L	201 TOTAL MN MG/L
28 01 78 1600			.3			87.0	25.00	6.00	70				
28 02 78 1515			.3		1.0	87.0	25.00	6.00	50				
24 03 78 1440			.3		1. L	92.	27.	6.	50	1.15	1.8	46	0.022
29 04 78 1515			.3		1. L	95.	28.	6.0	60	1.3	2.2	49	0.034
21 05 78 1555			.3			46.0	13.40	3.15	124	0.75	1.70	31	0.340
24 06 78 1540			.3		2.0	61.0	18.00	4.00	128	1.00	1.30	41	0.038
29 07 78 1215			.3		1.0	64.0	18.60	4.35	128	0.75	1.30	49	0.044
26 08 78 1510			.3		1.0	71.0	20.80	4.70	98	0.90	1.10	46	0.058
23 09 78 1535			.3		2.0	85.0	25.00	5.50	112	0.90	2.00	90	0.058
28 10 78 1550			.3		1.0L	61.0	17.60	4.20	130	0.65	1.30	65	0.028
25 11 78 1520			.3			71.0	21.00	4.45	116	0.80	1.60	57	0.033
26 12 78 1555			.3			72.	21.	4.75	93	1.0	1.4	54	0.025
MAXIMUM					2.0	95.	28.	6.00	130	1.3	2.2	90	0.340
AVG OR GEOM MN (*)					1.30	74.3	21.70	4.93	97	0.92	1.57	53	0.068
MINIMUM					1.0	46.0	13.40	3.15	50	0.65	1.10	31	0.022
NO OF SAMPLES					8	12	12	12	12	10	10	10	10

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: DOWNSTREAM FROM SPRUCE PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-010-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: **MOOSE RIVER**

STORET CODE: 04
001
0230

STN NO: 10 LAT: LONG: U T M: 17 0395150.0 5477950.0 4 REGION: 05 MILEAGE: 184.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
28 01 78 1635			.3		23704	4 9			0.0	6.0	50.0	0.045		
28 02 78 1550			.3		23721	4 0	1400.	200.	0.0	6.0	90.0	0.370	0.004	0.004
24 03 78 1510			.3		23738	4	4400.	1000.	0.0	4.0	50.	0.100	0.028	0.002L
MAXIMUM							4400.	1000.	0.00	6.0	90.0	0.370	0.028	0.004
AVG OR GEOM MN (*)							2481.*	447.*	0.0	5.3	63.3	0.172	0.016	0.0030
MINIMUM							1400.	200.	0.0	4.0	50.0	0.045	0.004	0.002
NO OF SAMPLES							2	2	3	3	3	3	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
28 01 78 1635			.3		0.800	0.005	0.007			0.812	140.0	15.0		193
28 02 78 1550			.3		3.800	0.008	0.032	0.044	3.796	3.840	356.0	201.0		238
24 03 78 1510			.3		1.10	0.007	0.043	0.052	1.098	1.150	174.	22.	152	234
MAXIMUM					3.800	0.008	0.043	0.052	3.796	3.840	356.0	201.0	152	238
AVG OR GEOM MN (*)					1.900	0.007	0.027	0.048	2.447	1.934	223.3	79.3	152	222
MINIMUM					0.800	0.005	0.007	0.044	1.098	0.812	140.0	15.0	152	193
NO OF SAMPLES					3	3	3	2	2	3	3	3	1	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
28 01 78 1635			.3		12.00	5.6			12.1	62	6.63	0.320		98.0
28 02 78 1550			.3		90.00	6.5			35.6	73	6.15	1.200	9.0	130.0
24 03 78 1510			.3		5.5	6.2	32.5	2.75	26.4	74	6.86	0.53	14.	121.
MAXIMUM					90.00	6.5	32.5	2.75	35.6	74	6.86	1.200	14.	130.0
AVG OR GEOM MN (*)					35.83	6.1	32.5	2.75	24.7	70	6.55	0.683	11.5	116.3
MINIMUM					5.5	5.6	32.5	2.75	12.1	62	6.15	0.320	9.0	98.0
NO OF SAMPLES					3	3	1	1	3	3	3	3	2	3

(C O N T D)

```
SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS              DATE OF REPORT  25 OCT 79  PAGE   700
                                                                                       STATION ID:   19-0064-010-02
 B.O.W./ SITE: KAPUSKASING RIVER
 SAMPLE POINT: DOWNSTREAM FROM SPRUCE PAPER COMPANY                                               STORET CODE: 04
 STATION TYPE: RIVER                                   MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                    001
                                                       MINOR BASIN: JAMES BAY SHORE                            0230
                                                       TERM STREAM: JAMES BAY SHORE

STN NO:     10     LAT:                LONG:           U T M: 17 0395150.0 5477950.0 4   REGION: 05         MILEAGE:  184.00

                                            72        74         68       67         66        41
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL   TOT. MAG    COLOUR   PTSSIUM     SODIUM      COD
DY MO YR LMT   DIST BRG DEPTH            CALCIUM   NESIUM      HAZEN        K          NA
               FEET       MTRS             MG/L      MG/L      UNITS      MG/L       MG/L      MG/L

28 01 78 1635              .3                                   70G
28 02 78 1550              .3            34.00     11.00
24 03 78 1510              .3            32.       10.          70G      1.50       3.6       330

                     MAXIMUM             34.00     11.00        70       1.50       3.6       330
            AVG OR GEOM MN (*)           33.00     10.50        70U      1.50       3.6       330
                     MINIMUM             32.       10.          70       1.50       3.6       330

                NO OF SAMPLES              2         2           2         1          1         1


                                                                                      STATION ID:   19-0064-011-02
 B.O.W./ SITE: MATTAGAMI RIVER
 SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY SMOOTH ROCK                                    STORET CODE: 04
 STATION TYPE: RIVER                                   MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                    001
                                                       MINOR BASIN: JAMES BAY SHORE                            0230
                                                       TERM STREAM: MOOSE RIVER

STN NO:     11     LAT:                LONG:           U T M: 17 0453550.0 5458150.0 4   REGION: 05         MILEAGE:  197.50

                                         934      901      80        81        84       805       3        1        33       34
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE     SCD     TOTAL     FECAL     M.F.     WATER    DISS.    5-DAY    TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO             COLIFORM  COLIFORM   ENTER.    TEMP.     O2      BOD       P    REACTIVE
               FEET       MTRS                          MF/100ML  MF/100ML  MF/100ML   DEG C    MG/L     MG/L     MG/L    P MG/L

29 01 78 0900              .3          23707     4      200.  L   40.  L               0.0      6.0      1.0     0.014    0.010
28 02 78 1745              .3          23724     4      200.  L   40.  L               0.0      5.0      0.2     0.025    0.010
24 03 78 1710              .3          23741     4     3800.      40.  L               0.0      3.0      0.4     0.046    0.020
30 04 78 0720              .3          23757     4       20.       0.                  0.0      6.0      0.5     0.034    0.012
22 05 78 0700              .3          23772     9      200.  L   40.  L              10.0      7.0      0.8     0.034    0.007
25 06 78 0715              .3          23786     9      200.  L   40.  L              18.0      6.0      0.8     0.023    0.023
29 07 78 1540              .3          23803     9      200.  L   40.  L              19.0      7.0      3.5     0.194    0.120
27 08 78 0710              .3          23818     9      200.  L   40.  L              18.0      4.0      4.5     0.081    0.044
24 09 78 0700              .3          23833     9                                    13.0      7.0      0.5     0.071    0.039
29 10 78 1415              .3          23848     9      200.      40.  L               3.0      7.0      0.2     0.018    0.008
26 11 78 0720              .3          23863     4      200.  L   40.  L               0.0      7.0      0.4     0.019    0.004
27 12 78 0805              .3          23878     4      200.     200.                  0.0      5.0              0.021

                     MAXIMUM                           3800.     200.                 19.0      7.0      4.5     0.194    0.120
            AVG OR GEOM MN (*)                          212.* D   33.* D               6.8      5.8      1.2     0.048    0.027
                     MINIMUM                             20.       0.                  0.0      3.0      0.2     0.014    0.004

                NO OF SAMPLES                            11        11                  12       12       11       12       11



                                          19        20       21        22       17       18       23        5       6       107
SAMP DTE HOUR  STN  STN SAMP  PJ      FILTERED    TOTAL   FILTERED  FILTERED  INRGNC    TOTAL   TOTAL N   TOTAL   SUSP.   CALCUL
DY MO YR LMT   DIST BRG DEPTH          AMMONIA  KJELDAHL   NO2-N     NO3-N       N    ORGNC  N           SOLIDS  SOLIDS  D-SOLIDS
               FEET       MTRS            MG/L      MG/L   MG/L      MG/L      MG/L      MG/L      MG/L    MG/L    MG/L    MG/L

29 01 78 0900              .3           0.026     0.350    0.003     0.035    0.064    0.324    0.388     79.0     1.7
28 02 78 1745              .3           0.018     0.370    0.003     0.167    0.188    0.352    0.540     83.0     1.0
24 03 78 1710              .3           0.028     0.35     0.004     0.166    0.198    0.322    0.520    194.      8.2     186
30 04 78 0720              .3           0.050     0.420    0.007     0.310    0.367    0.370    0.737     99.0     4.0      95
22 05 78 0700              .3           0.022     0.570    0.009     0.075    0.106    0.548    0.654     62.0     9.9      52
25 06 78 0715              .3           0.016     0.500    0.017     0.120    0.153    0.484    0.637     97.0    15.0      82
29 07 78 1540              .3           0.670     1.560    0.009     0.061    0.740    0.890    1.630     74.0     8.0      66
27 08 78 0710              .3           0.320     0.900    0.009     0.005L   0.334    0.580    0.914     81.0     3.3      78
24 09 78 0700              .3           0.178     0.760    0.006     0.080    0.264    0.582    0.846     73.0     4.6      68
29 10 78 1415              .3           0.020     0.510    0.007     0.100    0.127    0.490    0.617     64.0     4.0      60
26 11 78 0720              .3           0.039     0.460    0.004     0.115    0.158    0.421    0.579     67.0     2.0      65
27 12 78 0805              .3                                                                           75.      1.0      74

                     MAXIMUM            0.670     1.560    0.017     0.310    0.740    0.890    1.630    194.     15.0     186
            AVG OR GEOM MN (*)          0.126     0.614    0.007     0.112D   0.245    0.488    0.733     87.3     5.2      83
                     MINIMUM            0.016     0.350    0.003     0.005    0.064    0.322    0.388     62.0     1.0      52

                NO OF SAMPLES             11        11       11        11       11       11       11       12      12       10

                                          14        16       56       59       280       95       52       55      208       25
SAMP DTE HOUR  STN  STN SAMP  PJ        COND.     TURB.   CHLORIDE  SULPHATE  REACTIVE  ACIDITY  TOT ALK     PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH             25C   FORMAZIN    MG/L             SILICATE   PH 8.3   AT LAB   AT LAB    IRON
               FEET       MTRS          UMHOS     UNITS               MG/L  SI MG/L     MG/L     MG/L              MG/L     UG/L

29 01 78 0900              .3            119      3.00      1.4                          4.3      49      7.39    0.230
28 02 78 1745              .3            126      1.80      1.2                          2.9      51      7.25    0.220     1.0L
24 03 78 1710              .3            286      2.4       1.5     11.5      2.30       3.6      51      7.36    0.35      9.
30 04 78 0720              .3            146      4.70      2.5     13.0      2.45       1.6      60      7.48    0.68
22 05 78 0700              .3             82      5.80      1.4      9.5      1.55       4.2      32      7.53    0.800
25 06 78 0715              .3            126      4.40      1.2     10.5      1.85       4.3      55      7.23    2.300     2.0
29 07 78 1540              .3            102      6.80      1.3     12.5      1.85       4.2      43      7.14    0.780     8.0
27 08 78 0710              .3            120      3.90      1.1      9.5      2.05       2.7      49      7.44    0.460     1.0L
24 09 78 0700              .3            104      4.60      1.2     10.0      2.20       3.6      46      7.33    0.360     1.0L
29 10 78 1415              .3             92      4.50      1.4     11.5      2.10       2.3      38      7.23    0.540     1.0L
26 11 78 0720              .3            100      3.40      1.5     11.5      2.25       1.4      44      7.26    0.420
27 12 78 0805              .3            111                1.2     10.5      2.30                                0.30      1.0

                     MAXIMUM             286      6.80      2.5     13.0      2.45       4.3      60      7.53    2.300     9.
            AVG OR GEOM MN (*)           126      4.12      1.4     11.0      2.09       3.2      47      7.33    0.620     3.0D
                     MINIMUM              82      1.80      1.1      9.5      1.55       1.4      32      7.14    0.220     1.0

                NO OF SAMPLES             12        11       12       10        10       11       11       11       12        8
```

```
                                       76        72        74        68        67        66        41       201
SAMP DTE HOUR   STN  STN SAMP  PJ   CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL
DY MO YR LMT    DIST BRG DEPTH    HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA                  MN
                FEET      MTRS        MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L

29 01 78 0900               .3       59.0                             40
28 02 78 1745               .3       56.0     16.00      4.00         40
24 03 78 1710               .3       61.      18.        3.95         30      0.55      2.1         31     0.020
30 04 78 0720               .3       71.      20.6       4.65         55      0.70      2.9         36     0.039
22 05 78 0700               .3       42.0     12.20      2.80        144      0.55      1.70        35     0.042
25 06 78 0715               .3       67.0     19.80      4.20        128      1.35      2.60        51     0.070
29 07 78 1540               .3       54.0     15.80      3.50        175      0.55      1.40        54     0.080
27 08 78 0710               .3       56.0     16.40      3.60         79      0.55      1.50        40     0.058
24 09 78 0700               .3       59.0     17.80      3.60         97      0.45      1.50        47     0.032
29 10 78 1415               .3       47.0     13.60      3.10        128      1.40      1.60        48     0.040
26 11 78 0720               .3       57.0     17.20      3.35         92      0.45      1.50        57     0.035
27 12 78 0805               .3       57.      16.8       3.55         74      0.45      1.5         38     0.024

                       MAXIMUM       71.      20.6       4.65        175      1.40      2.9         57     0.080
             AVG OR GEOM MN (*)      57.2     16.75      3.66         90      0.70      1.83        44     0.044
                       MINIMUM       42.0     12.20      2.80         30      0.45      1.40        31     0.020

                 NO OF SAMPLES         12        11        11         12        10        10        10        10


 B.O.W./ SITE: MATTAGAMI RIVER                                                              STATION ID:  19-0064-012-02
 SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER SMOOTH ROCK
 STATION TYPE: RIVER    FLOW GAUGE FED 04LB001              MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                STORET CODE: 04
                                                            MINOR BASIN: JAMES BAY SHORE                                     001
                                                            TERM STREAM: MOOSE RIVER                                         0230

STN NO:     12     LAT:               LONG:                 U T M: 17 0453550.0 5460050.0 4    REGION: 05          MILEAGE:  196.50

                                      934       901       444        80        81       805         3         1        33        34
SAMP DTE HOUR   STN  STN SAMP  PJ   SAMPLE       SCD  FLOW CFS     TOTAL     FECAL     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT    DIST BRG DEPTH          NO                      COLIFORM  COLIFORM     TEMP.        O2       BOD         P  REACTIVE
                FEET      MTRS                                 MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

29 01 78 0920               .3      23708     4       1960.00    200.        40.        0.0      11.0        9.5     0.029     0.006
28 02 78 1810               .3      23725     4       1900.00    200.  L     40.  L     0.0       6.0        0.4     0.044     0.003
24 03 78 1725               .3      23742     4       1630.00   1000.        40.  L     0.0       4.0        2.8     0.040     0.008

                       MAXIMUM                        1960.00   1000.        40.        0.00     11.0        9.5     0.044     0.008
             AVG OR GEOM MN (*)                       1830.00    342.* D     40.* D     0.0       7.0        4.2     0.038     0.006
                       MINIMUM                        1630.00    200.        40.        0.0       4.0        0.4     0.029     0.003

                 NO OF SAMPLES                              3         3         3         3         3         3         3         3

                                       19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR   STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT    DIST BRG DEPTH     AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
                FEET      MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

29 01 78 0920               .3      0.002L    0.510     0.011     0.020     0.033     0.508     0.541     146.0      17.0
28 02 78 1810               .3      0.004     0.500     0.016     0.029     0.049     0.496     0.545     115.0       7.9
24 03 78 1725               .3      0.006     0.60      0.010     0.070     0.086     0.594     0.680      90.        4.5        86




                       MAXIMUM      0.006     0.60      0.016     0.070     0.086     0.594     0.680     146.0      17.0        86
             AVG OR GEOM MN (*)     0.004D    0.537     0.012     0.040     0.056     0.533     0.589     117.0       9.8        86
                       MINIMUM      0.002     0.500     0.010     0.020     0.033     0.496     0.541      90.        4.5        86

                 NO OF SAMPLES          3         3         3         3         3         3         3         3         3         1

                                       14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR   STN  STN SAMP  PJ    COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT    DIST BRG DEPTH         25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
                FEET      MTRS       UMHOS     UNITS                MG/L  SI MG/L       MG/L      MG/L                MG/L      UG/L

29 01 78 0920               .3         198      4.10      26.0                          9.1        42      6.91     0.380
28 02 78 1810               .3         164      3.20       5.7                          5.8        61      7.10     0.420      90.0
24 03 78 1725               .3         132      1.8        7.4      11.5      2.30      7.8        52      7.15     0.23

                       MAXIMUM         198      4.10      26.0      11.5      2.30      9.1        61      7.15     0.420      90.0
             AVG OR GEOM MN (*)        165      3.03      13.0      11.5      2.30      7.6        52      7.05     0.343      90.0
                       MINIMUM         132      1.8        5.7      11.5      2.30      5.8        42      6.91     0.23       90.0

                 NO OF SAMPLES           3         3         3         1         1         3         3         3         3         1

                                       76        72        74        68        67        66        41
SAMP DTE HOUR   STN  STN SAMP  PJ   CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD
DY MO YR LMT    DIST BRG DEPTH    HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA
                FEET      MTRS        MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L

29 01 78 0920               .3       63.0                            70G
28 02 78 1810               .3       59.0     17.00      4.00        70G
24 03 78 1725               .3       62.      18.2       4.0          60      0.55      6.6         62

                       MAXIMUM       63.0     18.2       4.00         70      0.55      6.6         62
             AVG OR GEOM MN (*)      61.3     17.60      4.00        67U      0.55      6.6         62
                       MINIMUM       59.0     17.00      4.00         60      0.55      6.6         62

                 NO OF SAMPLES          3         2         2          3         1         1         1
```

B.O.W./ SITE: MISSINAIBI RIVER
SAMPLE POINT: HIGHWAY 11 MATTICE
STATION TYPE: RIVER

STATION ID: 19-0064-013-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 13 LAT: LONG: U T M: 17 0336150.0 5498000.0 4 REGION: 05 MILEAGE: 201.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
28 01 78 1350			.3		23701	4	610.00	200. L	40. L		7.0	7.0	0.2	0.017
28 02 78 1350			.3		23718	4	420.00	200. L	40. L		0.0	6.0	0.2	0.006
24 03 78 1255			.3		23735	4	266.00	200. L	40. L		0.0	7.0	0.2	0.014
29 04 78 1425			.3		23752	4	2200.00	100.	100.		0.0	8.0	1.2	0.036
21 05 78 1450			.3		23768	3	17200.00	200. L	40. L		7.0	9.0	0.5	0.023
24 06 78 1430			.3		23782	9	4380.00	200.	40. L		17.0	7.0	0.5	0.006
29 07 78 1050			.3		23799	6	2560.00	80.	6.		17.0	5.0	0.4	0.024
26 08 78 1410			.3		23814	6	1110.00	200. L	80.		20.0	6.0	1.0	0.020
23 09 78 1435			.3		23829	6	1340.00				14.0	9.0	0.2	0.012
28 10 78 1500			.3		23844	6	3130.00	400.	40. L		3.0	8.0	0.6	0.011
25 11 78 1420			.3		23859	4	1480.00	200. L	40.		0.0	2.0	1.0	0.010
26 12 78 1450			.3		23874	4	820.00	200.	200.		0.0	2.0		
MAXIMUM							17200.00	400.	200.		20.0	9.0	1.2	0.036
AVG OR GEOM MN (*)							2959.67	184.* D	45.* D		7.1	6.3	0.5	0.016
MINIMUM							266.00	80.	6.		0.0	2.0	0.2	0.006
NO OF SAMPLES							12	11	11		12	12	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
28 01 78 1350			.3		0.002	0.022	0.400	0.004	0.080	0.106	0.378	0.484	104.0	1.9
28 02 78 1350			.3		0.006	0.014	0.370	0.003	0.217	0.234	0.356	0.590	109.0	1.2
24 03 78 1255			.3		0.003	0.012	0.38	0.003	0.237	0.252	0.368	0.620	116.	1.8
29 04 78 1425			.3		0.009	0.080	0.600	0.010	0.530	0.620	0.520	1.140	104.0	9.8
21 05 78 1450			.3		0.004	0.012	0.490	0.009	0.065	0.086	0.478	0.564	80.0	12.0
24 06 78 1430			.3		0.001	0.008	0.420	0.004	0.060	0.072	0.412	0.484	81.0	4.3
29 07 78 1050			.3		0.005	0.020	1.060	0.004	0.036	0.060	1.040	1.100	87.0	4.5
26 08 78 1410			.3		0.010	0.018	0.470	0.003	0.010	0.031	0.452	0.483	88.0	2.0
23 09 78 1435			.3		0.007	0.018	0.460	0.004	0.005L	0.027	0.442	0.469	106.0	8.9
28 10 78 1500			.3		0.005	0.010	0.420	0.004	0.065	0.079	0.410	0.489	81.0	2.0
25 11 78 1420			.3		0.006	0.007	0.430	0.003	0.102	0.112	0.423	0.535	97.0	2.0
MAXIMUM					0.010	0.080	1.060	0.010	0.530	0.620	1.040	1.140	116.	12.0
AVG OR GEOM MN (*)					0.005	0.020	0.500	0.005	0.128D	0.153	0.480	0.633	95.7	4.6
MINIMUM					0.001	0.007	0.370	0.003	0.005	0.027	0.356	0.469	80.0	1.2
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
28 01 78 1350			.3			157	1.70	0.8
28 02 78 1350			.3			166	1.60	0.6
24 03 78 1255			.3		114	176	1.4	0.7
29 04 78 1425			.3		94	145	7.4	1.8
21 05 78 1450			.3		68	104	4.00	0.6
24 06 78 1430			.3		77	118	2.70	0.6
29 07 78 1050			.3		83	128	2.90	0.8
26 08 78 1410			.3		86	130	1.50	0.7
23 09 78 1435			.3		97	149	6.40	1.2
28 10 78 1500			.3		79	121	1.90	0.9
25 11 78 1420			.3		95	146	2.40	0.8
MAXIMUM					114	176	7.4	1.8
AVG OR GEOM MN (*)					88	140	3.08	0.9
MINIMUM					68	104	1.4	0.6
NO OF SAMPLES					9	11	11	11

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE PO'NT: AT TIMMINS WATERWORKS PLANT
STATION TYPE: RIVER MUNICIPAL WATER INTAKE

STATION ID: 19-0064-014-20

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 14 LAT: LONG: U T M: 17 0473925.0 5369600.0 4 REGION: 05 MILEAGE: 269.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L
29 01 78 1515			.3		23716	4	200. L	40. L	0.0	12.0	1.2	0.007	0.004	
01 03 78 1215			.3		23733	4	200. L	40. L	0.0	3.0	0.2	0.011	0.001	0.006
25 03 78 1130			.3		23750	4	200. L	40. L	0.0	6.0	0.4	0.017	0.013	0.032
MAXIMUM							200.	40.	0.00	12.0	1.2	0.017	0.013	0.032
AVG OR GEOM MN (*)							200.* D	40.* D	0.0	7.0	0.6	0.012	0.006	0.019
MINIMUM							200.	40.	0.0	3.0	0.2	0.007	0.001	0.006
NO OF SAMPLES							3	3	3	3	3	3	3	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS
29 01 78 1515			.3		0.380	0.003	0.025			0.408				108
01 03 78 1215			.3		0.340	0.002	0.178	0.186	0.334	0.520	252.0	2.1		385
25 03 78 1130			.3		0.77	0.016	0.589	0.637	0.738	1.375	195.	6.4	189	291
MAXIMUM					0.77	0.016	0.589	0.637	0.738	1.375	252.0	6.4	189	385
AVG OR GEOM MN (*)					0.497	0.007	0.264	0.412	0.536	0.768	223.5	4.3	189	261
MINIMUM					0.340	0.002	0.025	0.186	0.334	0.408	195.	2.1	189	108
NO OF SAMPLES					3	3	3	2	2	3	2	2	1	3

(C O N T D)

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L	59 SULPHATE MG/L	280 REACTIVE SILICATE SI MG/L	95 ACIDITY PH 8.3 MG/L	52 TOT ALK AT LAB MG/L	55 PH AT LAB	208 TOTAL IRON MG/L	25 PHENOLS UG/L	76 CALCUL HARDNESS MG/L
29 01 78	1515			.3		1.80				4.0	45	7.42			54.0
01 03 78	1215			.3		1.40	1.3			4.7	51	7.40	0.120	1.0	56.0
25 03 78	1130			.3		1.3	4.7	32.5	5.5	2.9	114	7.98	0.22	3.	149.
MAXIMUM						1.80	4.7	32.5	5.5	4.7	114	7.98	0.22	3.	149.
AVG OR GEOM MN (*)						1.50	3.0	32.5	5.5	3.9	70	7.60	0.170	2.0	86.3
MINIMUM						1.3	1.3	32.5	5.5	2.9	45	7.40	0.120	1.0	54.0
NO OF SAMPLES						3	2	1	1	3	3	3	2	2	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	72 TOTAL CALCIUM MG/L	74 TOT. MAG NESIUM MG/L	68 COLOUR HAZEN UNITS	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	41 COD MG/L
29 01 78	1515			.3				40			
01 03 78	1215			.3		16.00	4.00	40			
25 03 78	1130			.3		43.	10.	70	1.35	4.7	73
MAXIMUM						43.	10.	70	1.35	4.7	73
AVG OR GEOM MN (*)						29.50	7.00	50	1.35	4.7	73
MINIMUM						16.00	4.00	40	1.35	4.7	73
NO OF SAMPLES						2	2	3	1	1	1

B.O.M./ SITE: GROUNDHOG RIVER
SAMPLE POINT: HIGHWAY 11 BRIDGE IN FAUQUIER
STATION TYPE: RIVER FLOW GAUGE FED 04LD001

STATION ID: 19-0064-016-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO: 16 LAT: LONG: U T M: 17 0424250.0 5462600.0 4 REGION: 05 MILEAGE: 186.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L	33 TOTAL P MG/L
29 01 78	0820			.3		23706	4	1680.00	200. L	40. L		0.0	7.0	0.6	0.019
28 02 78	1715			.3		23723	4	1650.00	200. L	60.		0.0	6.0	0.4	0.012
24 03 78	1625			.3		23740	4	1950.00	5600.	40.		0.0	7.0	0.5	0.043
29 04 78	1655			.3		23756	4	910.00	20.	4.		0.0	8.0	1.0	0.028
21 05 78	1755			.3		23771	3	27400.00	200. L	40. L		10.0	6.0	0.6	0.058
24 06 78	1800			.3		23785	6	11700.00	200. L	40. L		19.0	7.0		
29 07 78	1500			.3		23802	6	4180.00	200. L	40. L		18.0	8.0	0.5	0.020
26 08 78	1715			.3		23817	6	1700.00	200. L	40.		19.0	6.0	0.6	0.016
23 09 78	1725			.3		23832	9	2730.00				14.0	4.0	0.4	0.060
28 10 78	1710			.3		23847	9	4850.00	400.	40. L		3.0	8.0	1.0	0.012
25 11 78	1700			.3		23862	4	2310.00	200. L	40. L		0.0	3.0	0.6	0.008
27 12 78	0730			.3		23877	4	1580.00	200. L	40. L		0.0	7.0		
MAXIMUM								27400.00	5600.	60.		19.0	8.0	1.0	0.060
AVG OR GEOM MN (*)								5220.00	234.* D	34.* D		6.9	6.4	0.6	0.028
MINIMUM								910.00	20.	4.		0.0	3.0	0.4	0.008
NO OF SAMPLES								12	11	11		12	12	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 FILTERED NO2-N MG/L	22 FILTERED NO3-N MG/L	17 INRGNC N MG/L	18 TOTAL ORGNC N MG/L	23 TOTAL N MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L
29 01 78	0820			.3		0.003	0.070	0.850	0.011	0.265	0.346	0.780	1.126	206.0	1.9
28 02 78	1715			.3		0.003	0.010	0.370	0.003	0.147	0.160	0.360	0.520	90.0	1.6
24 03 78	1625			.3		0.004	0.004	0.44	0.002	0.143	0.149	0.436	0.585	94.	3.0
29 04 78	1655			.3		0.002	0.030	0.460	0.005	0.275	0.310	0.430	0.740	108.0	9.7
21 05 78	1755			.3		0.004	0.008	0.550	0.012	0.120	0.140	0.542	0.682	100.0	41.0
29 07 78	1500			.3		0.003	0.010	0.540	0.005	0.035	0.050	0.530	0.580	81.0	8.9
26 08 78	1715			.3		0.004	0.020	0.530	0.004	0.010	0.034	0.510	0.544	84.0	5.0
23 09 78	1725			.3		0.007	0.006	0.750	0.005	0.015	0.026	0.744	0.770	228.0	152.0
28 10 78	1710			.3		0.005	0.008	0.470	0.005	0.050	0.063	0.462	0.525	73.0	4.0
25 11 78	1700			.3		0.004	0.007	0.440	0.004	0.101	0.112	0.433	0.545	84.0	3.0
MAXIMUM						0.007	0.070	0.850	0.012	0.275	0.346	0.780	1.126	228.0	152.0
AVG OR GEOM MN (*)						0.004	0.017	0.540	0.006	0.116	0.139	0.523	0.662	114.8	23.0
MINIMUM						0.002	0.004	0.370	0.002	0.010	0.026	0.360	0.520	73.0	1.6
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	107 CALCUL D-SOLIDS MG/L	14 COND. 25C UMHOS	16 TURB. FORMAZIN UNITS	56 CHLORIDE MG/L
29 01 78	0820			.3			314	2.60	1.9
28 02 78	1715			.3			135	1.70	0.8
24 03 78	1625			.3		91	140	1.7	0.7
29 04 78	1655			.3		98	150	7.3	1.7
21 05 78	1755			.3		59	90	8.50	0.9
29 07 78	1500			.3		72	110	4.20	0.8
26 08 78	1715			.3		79	120	3.50	0.7
23 09 78	1725			.3		76	117	37.00	0.9
28 10 78	1710			.3		69	106	2.60	0.9
25 11 78	1700			.3		81	124	3.00	0.9
MAXIMUM						98	314	37.00	1.9
AVG OR GEOM MN (*)						78	141	7.21	1.0
MINIMUM						59	90	1.70	0.7
NO OF SAMPLES						8	10	10	10

```
 B.O.W./ SITE: GOUGH CREEK                                                                      STATION ID:  19-0064-017-02
 SAMPLE POINT: AT LAURENTIAN AVE KAPUSKASING
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE ONTARIO               STORET CODE: 04
                                                         MINOR BASIN: JAMES BAY SHORE                                    001
                                                         TERM STREAM: MOOSE RIVER                                        0230

STN NO:     17    LAT:             LONG:                   U T M: 17 0396700.0 5473100.0 4    REGION: 05             MILEAGE:  169.70

                                      934       901        80        81        805         3          1        33       34        19
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      WATER      DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM     TEMP.        O2       BOD         P  REACTIVE   AMMONIA
               FEET       MTRS                         MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L   P MG/L      MG/L

28 01 78 1700              .3        23705    4 0     80000.  G 12000.  G     0.0        3.0       50.0    2.730    1.400     6.600
28 02 78 1610              .3        23722    4 0     80000.  G 12000.  L     0.0        3.0       32.0    4.350    3.100     9.150
24 03 78 1530              .3        23739    0 9     80000.  G 12000.  G     5.0        0.0       30.     3.15     2.28      9.30

                     MAXIMUM                          80000.    12000.        5.0        3.0       50.0    4.350    3.100     9.30
           AVG OR GEOM MN (*)                         80017.* U 12004.* E     1.7        2.0       37.3    3.410    2.260     8.350
                     MINIMUM                          80000.    12000.        0.0        0.0       30.     2.730    1.400     6.600

                NO OF SAMPLES                              3         3         3          3          3        3        3         3

                                       20        21        22        17        18        23          5         6        7        14
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    DISS.     COND.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS   SOLIDS       25C
               FEET       MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L     MG/L     UMHOS

28 01 78 1700              .3       11.500     0.019   0.005L    6.624     4.900    11.524      550.0     61.0                 810
28 02 78 1610              .3       13.800     0.001L  0.005L    9.156     4.650    13.806      566.0     55.0                 845
24 03 78 1530              .3       14.4       0.005   0.005L    9.310     5.100    14.410      695.      58.         637     1059

                     MAXIMUM        14.4       0.019   0.005     9.310     5.100    14.410      695.      61.0        637     1059
           AVG OR GEOM MN (*)       13.233     0.008D  0.005D    8.363     4.883    13.247      603.7     58.0        637      905
                     MINIMUM        11.500     0.001   0.005     6.624     4.650    11.524      550.0     55.0        637      810

                NO OF SAMPLES            3         3        3         3         3         3          3         3        1        3

                                       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN      MG/L
               FEET       MTRS        UNITS

28 01 78 1700              .3        27.00       68.0
28 02 78 1610              .3        27.00       58.0
24 03 78 1530              .3        18.        130.

                     MAXIMUM         27.00      130.
           AVG OR GEOM MN (*)        24.00       85.3
                     MINIMUM         18.         58.0

                NO OF SAMPLES            3         3
```

```
 B.O.W./ SITE: FIVE MILE CREEK                                                                  STATION ID:  19-0064-018-02
 SAMPLE POINT: AT MOUTH IN TOWN OF MATTICE
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE ONTARIO               STORET CODE: 04
                                                         MINOR BASIN: JAMES BAY SHORE                                    001
                                                         TERM STREAM: MOOSE RIVER                                        0230

STN NO:     18    LAT:             LONG:                   U T M: 17 0336950.0 5437750.0 4    REGION: 05             MILEAGE:  201.40

                                      934       901        80        81        805         3          1        33       34        19
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD     TOTAL     FECAL      WATER      DISS.     5-DAY     TOTAL  FILTERED  FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO            COLIFORM  COLIFORM     TEMP.        O2       BOD         P  REACTIVE   AMMONIA
               FEET       MTRS                         MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L   P MG/L      MG/L

28 01 78 1420              .3        23702    4 0      7000.     1400.        9.0        7.0        4.6    0.395    0.150     0.884
28 02 78 1415              .3        23719    4        4800.     4800.        0.0        7.0        6.0    0.715    0.445     0.114
24 03 78 1325              .3        23736    4       80000.  G 12000.  G     0.0        4.0       15.     1.95     0.850     5.05

                     MAXIMUM                          80000.    12000.        9.0        7.0       15.     1.95     0.850     5.05
           AVG OR GEOM MN (*)                         13905.* U  4320.* U     3.0        6.0        8.5    1.020    0.482     2.016
                     MINIMUM                           4800.     1400.        0.0        4.0        4.6    0.395    0.150     0.114

                NO OF SAMPLES                              3         3         3          3          3        3        3         3

                                       20        21        22        17        18        23          5         6      107        14
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.  CALCUL      COND.
DY MO YR LMT   DIST BRG DEPTH      KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS      25C
               FEET       MTRS         MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L        UMHOS

28 01 78 1420              .3        2.700     0.022    0.020    0.926     1.816     2.742      176.0     15.0                 810
28 02 78 1415              .3        4.800     0.020    0.115    0.249     4.686     4.935      171.0     11.0                 246
24 03 78 1325              .3        9.20      0.063    0.032    5.145     4.150     9.295      393.      181.        212      326

                     MAXIMUM         9.20      0.063    0.115    5.145     4.686     9.295      393.      181.        212      810
           AVG OR GEOM MN (*)        5.567     0.035    0.056    2.107     3.551     5.657      246.7     69.0        212      461
                     MINIMUM         2.700     0.020    0.020    0.249     1.816     2.742      171.0     11.0        212      246

                NO OF SAMPLES            3         3        3         3         3         3          3         3        1        3

                                       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH      FORMAZIN      MG/L
               FEET       MTRS        UNITS

28 01 78 1420              .3        17.00        3.8
28 02 78 1415              .3         5.40        5.5
24 03 78 1325              .3        24.         10.0

                     MAXIMUM         24.         10.0
           AVG OR GEOM MN (*)        15.47        6.4
                     MINIMUM          5.40        3.8

                NO OF SAMPLES            3         3
 B.O.W./ SITE: ABITIBI RIVER                                                               STATION ID:  19-0064-022-02
 SAMPLE POINT: AT FERRY TO GARDINER
 STATION TYPE: RIVER                                  MAJOR BASIN: ARCTIC DRAINAGE ONTARIO            STORET CODE: 04
                                                      MINOR BASIN: JAMES BAY SHORE                                 001
                                                      TERM STREAM: MOOSE RIVER                                     0230

STN NO:     22     LAT:               LONG:           U T M: 17 0495150.0 5460300.0 4   REGION: 05          MILEAGE:  155.30

                                      934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                       MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

30 04 78 0830               .3       23758   3          160.        0.                 1.0       8.0       3.0     0.080     0.016
22 05 78 0820               .3       23773   9         4000.       40.                10.0       5.0       1.0     0.062     0.016
25 06 78 0820               .3       23787   9          200.       40.  L             15.0       5.0       1.0     0.044     0.024
30 07 78 1700               .3       23804   9                                        18.0       2.0       1.4     0.075     0.034
27 08 78 0820               .3       23819   9         6900.     6900.                17.0       6.0       1.4     0.073     0.034
24 09 78 0810               .3       23834   6                                        13.0       7.0       0.8     0.055     0.035
29 10 78 1200               .3       23849   6        60000.    10000.                 4.0       6.0       3.1     0.064     0.034
26 11 78 0845               .3       23864   4          200.       40.  L              0.0       3.0       3.6     0.088     0.034
27 12 78 0920               .3       23879   4          200.  L   120.                 0.0       7.0                 0.064

                  MAXIMUM                             60000.    10000.                18.0       8.0       3.6     0.088     0.035
         AVG OR GEOM MN (*)                           1113.* D   127.* D               8.7       5.4       1.9     0.067     0.028
                  MINIMUM                               160.        0.                 0.0       2.0       0.8     0.044     0.016

             NO OF SAMPLES                                 7         7                   9         9         8         9         8

                                       19        20        21        22        17        18        23         5         6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED     TOTAL  FILTERED  FILTERED    INRGNC     TOTAL   TOTAL N     TOTAL     SUSP.    CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA  KJELDAHL  NO2-N     NO3-N            N  ORGNC  N              SOLIDS    SOLIDS  D-SOLIDS
               FEET       MTRS        MG/L      MG/L  MG/L      MG/L          MG/L      MG/L      MG/L      MG/L      MG/L  MG/L

30 04 78 C830               .3       0.026     0.800     0.015     0.685     0.726     0.774     1.500     142.0      32.0       110
22 05 78 C820               .3       0.016     0.740     0.014     0.130     0.160     0.724     0.884     102.0      24.0        78
25 06 78 C820               .3       0.016     0.620     0.017     0.110     0.143     0.604     0.747      96.0      14.0        82
30 07 78 1700               .3       0.030     0.650     0.018     0.082     0.130     0.620     0.750      96.0      23.0        73
27 08 78 C820               .3       0.020     0.520     0.019     0.090     0.129     0.500     0.629      89.0      12.0        77
24 09 78 C810               .3       0.004     0.500     0.023     0.085     0.112     0.496     0.608      87.0      12.0        75
29 10 78 1200               .3       0.004     0.620     0.019     0.100     0.123     0.616     0.739      93.0      11.0        82
26 11 78 C845               .3       0.069     0.660     0.024     0.125     0.218     0.591     0.809     101.0      15.0        86
27 12 78 C920               .3                                                                            94.       9.0        85

                  MAXIMUM            0.069     0.800     0.024     0.685     0.726     0.774     1.500     142.0      32.0       110
         AVG OR GEOM MN (*)          0.023     0.639     0.019     0.176     0.218     0.616     0.833     100.0      16.9        83
                  MINIMUM            0.004     0.500     0.014     0.082     0.112     0.496     0.608      87.0       9.0        73

             NO OF SAMPLES               8         8         8         8         8         8         8         9         9         9

                                       14        16        56        59       280        95        52        55       208        25
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.     TURB.  CHLORIDE  SULPHATE  REACTIVE   ACIDITY   TOT ALK        PH     TOTAL   PHENOLS
DY MO YR LMT   DIST BRG DEPTH          25C  FORMAZIN      MG/L            SILICATE    PH 8.3    AT LAB    AT LAB      IRON
               FEET       MTRS       UMHOS     UNITS                MG/L  SI MG/L       MG/L      MG/L                MG/L      UG/L

30 04 78 C830               .3         170      30.0       3.0      12.5      2.50       3.4        72      7.34      2.60        1.
22 05 78 C820               .3         120     25.00       1.4      11.0      2.00       4.6        51      7.47     2.200       1.5
25 06 78 C820               .3         126      5.40       1.2      11.0      2.30       6.5        55      7.30     1.840       1.0
30 07 78 1700               .3         112     42.00       1.3      12.0      2.15       5.5        47      7.28     3.000       1.0
27 08 78 C820               .3         120     40.00       1.1      11.0      2.10       5.3        45      7.38     3.000       1.0
24 09 78 C810               .3         116     44.00       1.4      12.0      2.05       4.8        52      7.25     3.100      1.0L




29 10 78 1200               .3         126     39.00       1.6      13.0      2.10       4.0        56      7.29     3.000      1.0L
26 11 78 0845               .3         133      4.30       1.9      13.5      2.30       2.1        59      7.28     3.100
27 12 78 0920               .3         130                 1.8      14.       2.30                                   3.8

                  MAXIMUM              170     44.00       3.0      14.       2.50       6.5        72      7.47     3.8         1.5
         AVG OR GEOM MN (*)            128     28.71       1.6      12.2      2.20       4.5        55      7.32     2.849      1.1D
                  MINIMUM              112      4.30       1.1      11.0      2.00       2.1        45      7.25     1.840       1.

             NO OF SAMPLES               9         8         9         9         9         8         8         8         9         7

                                       76        72        74        68        67        66        41       201
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL     TOTAL  TOT. MAG    COLOUR   PTSSIUM    SODIUM       COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH     HARDNESS   CALCIUM    NESIUM     HAZEN         K        NA                  MN
       .       FEET       MTRS        MG/L      MG/L      MG/L     UNITS      MG/L      MG/L      MG/L      MG/L

30 04 78 0830               .3         83.       24.      5.45       700     1.7       3.8          44     0.106
22 05 78 0820               .3        60.0     17.60      3.95       156     1.00      2.40         31     0.074
25 06 78 0820               .3        67.0     19.80      4.20       210     1.45      2.50         45     0.056
30 07 78 1700               .3        59.0     17.00      3.95       157     1.45      2.80         49     0.084
27 08 78 0820               .3        55.0     15.80      3.80       236     1.75      2.60         50     0.078
24 09 78 08.0               .3        65.0     19.40      3.95       150     1.75      3.30         42     0.084
29 10 78 1200               .3        65.0     18.80      4.40       240     1.70      3.20         67     0.060
26 11 78 0845               .3        71.0     21.00      4.45       263     1.80      3.00         63     0.072
27 12 78 0920               .3        68.      19.8       4.55        90     2.0       3.1          66     0.080

                  MAXIMUM              83.       24.      5.45       263     2.0       3.8          67     0.106
         AVG OR GEOM MN (*)           65.9     19.24      4.30      175U     1.62      2.97         51     0.077
                  MINIMUM             55.0     15.80      3.80        70     1.00      2.40         31     0.056

          .  NO OF SAMPLES               9         9         9         9         9         9         9         9


 B.O.W./ SITE: ABITIBI RIVER                                                               STATION ID:  19-0064-023-02
 SAMPLE POINT: AT HIGHWAY NO 574
 STATION TYPE: RIVER                                  MAJOR BASIN: ARCTIC DRAINAGE ONTARIO            STORET CODE: 04
                                                      MINOR BASIN: JAMES BAY SHORE                                 001
                                                      TERM STREAM: MOOSE RIVER                                     0230

STN NO:     23     LAT:               LONG:           U T M: 17 0510000.0 5433800.0 4   REGION: 05          MILEAGE:  176.30

                                     .934       901        80        81        84       805         3         1        33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD     TOTAL     FECAL      M.F.     WATER     DISS.     5-DAY     TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO           COLIFORM  COLIFORM    ENTER.     TEMP.        02       BOD         P  REACTIVE
               FEET       MTRS                       MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L      MG/L    P MG/L

30 04 78 C915               .3       23759   3           60.       20.                 1.0       7.0       2.4     0.074
22 05 78 C905               .3       23774   9        10000.      320.                11.0       7.0       1.4     0.066     0.020
25 06 78 C910               .3       23788   6         8600.      320.                15.0       4.0       1.4     0.066     0.020
29 07 78 1800               .3       23805   6        17000.      760.                17.0       5.0       1.5     0.048     0.029
27 08 78 C910               .3       23820   6         3800.     3800.                18.0       5.0       0.8     0.058     0.031
24 09 78 C850               .3       23835   6                                        13.0       7.0       1.0     0.025     0.025
29 10 78 C800               .3       23850   6         8000.      800.                 4.0       4.0       4.6     0.076     0.037
26 11 78 0945               .3       23865   4          200.  L    40.                 0.0       2.0       4.4     0.072     0.035
27 12 78 1010               .3       23880   4          200.  L    40.  L              0.0      11.0                 0.092

                  MAXIMUM                             17000.     3800.                18.0      11.0       4.6     0.092     0.037
         AVG OR GEOM MN (*)                           1793.* D   229.* D               8.8       5.8       2.2     0.064     0.028
                  MINIMUM                                60.       20.                 0.0       2.0       0.8     0.025     0.020

             NO OF SAMPLES                                 8         8                   9         9         8         9         7
```

(C O N T D)

```
 B.O.W./ SITE: ABITIBI RIVER                                                          STATION ID:  19-0064-023-02
 SAMPLE POINT: AT HIGHWAY NO 574
 STATION TYPE: RIVER                                MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                STORET CODE: 04
                                                    MINOR BASIN: JAMES BAY SHORE                                     001
                                                    TERM STREAM: MOOSE RIVER                                         0230

STN NO:     23    LAT:              LONG:           U T M: 17 0510000.0 5433800.0 4    REGION: 05          MILEAGE:  176.30

                                      19         20         21         22         17         18         23          5          6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL  NO2-N      NO3-N             N  ORGNC  N               SOLIDS     SOLIDS  D-SOLIDS
               FEET       MTRS        MG/L       MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L  MG/L

30 04 78 0915               .3       0.026      0.760      0.014      0.825      0.865      0.734      1.599      132.0       38.0        94
22 05 78 0905               .3       0.010      0.700      0.013      0.070      0.093      0.690      0.783      159.0       78.0        81
25 06 78 0910               .3       0.020      0.680      0.018      0.100      0.138      0.660      0.798      100.0       17.0        83
29 07 78 1800               .3       0.014      0.800      0.016      0.084      0.114      0.786      0.900      129.0       57.0        72
27 08 78 0910               .3       0.020      0.440      0.018      0.070      0.108      0.420      0.528       94.0       17.0        77
24 09 78 0850               .3       0.008      0.550      0.017      0.095      0.120      0.542      0.662       87.0       10.0        77
29 10 78 0800               .3       0.002      0.580      0.019      0.100      0.121      0.578      0.699      103.0       20.0        83
26 11 78 0945               .3       0.058      0.660      0.025      0.175      0.258      0.602      0.860      126.0       25.0       101
27 12 78 1010               .3                                                                                  92.        12.         80

                       MAXIMUM       0.058      0.800      0.025      0.825      0.865      0.786      1.599      159.0       78.0       101
          AVG OR GEOM MN (*)         0.020      0.646      0.018      0.190      0.227      0.627      0.854      113.6       30.4        83
                       MINIMUM       0.002      0.440      0.013      0.070      0.093      0.420      0.528       87.0       10.0        72

                 NO OF SAMPLES           8          8          8          8          8          8          8          9          9         9

                                      14         16         56         59        280         95         52         55        208        25
SAMP DTE HOUR  STN  STN SAMP  PJ     COND.      TURB.   CHLORIDE   SULPHATE   REACTIVE    ACIDITY    TOT ALK         PH      TOTAL    PHENOLS
DY MO YR LMT   DIST BRG DEPTH          25C   FORMAZIN      MG/L              SILICATE     PH 8.3     AT LAB     AT LAB       IRON
               FEET       MTRS       UMHOS      UNITS                  MG/L   SI MG/L       MG/L       MG/L                  MG/L       UG/L

30 C1 78 0915               .3         145       33.0        2.2       11.5       2.20        4.0         62       7.40      2.70        1. L
22 05 78 0905               .3         125      26.00        2.2       11.5       2.10        3.1         55       7.60      2.200       1.5
25 06 78 0910               .3         127      28.00        1.4       11.0       2.35        7.5         54       7.27      1.900       2.0
29 07 78 1800               .3         110      54.00        1.5       11.5       2.15        5.9         46       7.08      4.500       1.0L
27 08 78 0910               .3         120      41.00        1.2       12.0       2.05        3.5         44       7.17      3.300       1.0L
24 09 76 0850               .3         118      44.00        1.5       12.5       2.00        6.4         52       7.19      3.100       1.0L
29 10 78 0800               .3         128      39.00        1.7       12.5       2.15        3.1         56       7.05      3.000       1.0
26 11 78 0945               .3         155      50.00        1.9       14.5       2.45        1.9         70       7.31      3.800
27 12 78 1010               .3         123                   2.0       12.        2.4                                        4.0

                       MAXIMUM         155      54.00        2.2       14.5       2.45        7.5         70       7.60      4.500       2.0
          AVG OR GEOM MN (*)           128      39.38        1.7       12.1       2.21        4.4         55       7.26      3.167       1.2D
                       MINIMUM         110      26.00        1.2       11.0       2.00        1.9         44       7.05      1.900       1.

                 NO OF SAMPLES           9          8          9          9          9          8          8          8          9         7

                                      76         72         74         68         67         66         41        201
SAMP DTE HOUR  STN  STN SAMP  PJ    CALCUL      TOTAL  TOT. MAG     COLOUR    PTSSIUM     SODIUM        COD      TOTAL
DY MO YR LMT   DIST BRG DEPTH     HARDNESS    CALCIUM    NESIUM      HAZEN          K         NA                    MN
               FEET       MTRS        MG/L       MG/L      MG/L      UNITS       MG/L       MG/L       MG/L       MG/L

30 04 78 0915               .3         73.       21.6       4.70        70G       1.55       2.8          49      0.090
22 05 78 0905               .3        61.0      18.00       3.85        156       0.90       3.10         44      0.072
25 06 78 0910               .3        57.0      19.40       4.05        200       1.50       3.10         41      0.052
29 07 78 1800               .3        57.0      16.40       4.00        208       1.60       2.90         47      0.112
27 08 78 0910               .3        54.0      15.60       3.75        146       1.75       2.90         44      0.080
24 09 78 0850               .3        66.0      19.60       4.05        140       1.75       3.20         40      0.086




29 10 78 0800               .3        67.0      19.60       4.35        233       1.65       3.30         52      0.060
26 11 78 0945               .3        87.0      27.00       4.75        172       1.85       3.20        110      0.084
27 12 78 1010               .3        67.       19.6        4.5         150       2.0        2.3          64      0.085

                       MAXIMUM        87.0      27.00       4.75        233       2.0        3.30        110      0.112
          AVG OR GEOM MN (*)          65.4      19.64       4.22       164U       1.62       2.98         55      0.080
                       MINIMUM        54.0      15.60       3.75         70       0.90       2.3          40      0.052

                 NO OF SAMPLES           9          9          9          9          9          9          9          9


 B.O.W./ SITE: KAPUSKASING RIVER                                                      STATION ID:  19-0064-024-02
 SAMPLE POINT: AT FRED FLATT ROAD DOWNSTREAM FROM KAPUSKASING
 STATION TYPE: RIVER                                MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                STORET CODE: 04
                                                    MINOR BASIN: JAMES BAY SHORE                                     001
                                                    TERM STREAM: MOOSE RIVER                                         0230

STN NO:     24    LAT:              LONG:           U T M: 17 0404200.0 5491600.0 4    REGION: 05          MILEAGE:  172.80

                                     934        901         80         81         84        805          3          1         33        34
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD      TOTAL      FECAL       M.F.      WATER      DISS.      5-DAY      TOTAL  FILTERED
DY MO YR LMT   DIST BRG DEPTH           NO             COLIFORM   COLIFORM     ENTER.      TEMP.         02        BOD          P  REACTIVE
               FEET       MTRS                         MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L       MG/L    P MG/L

29 04 78 1550               .3       23755   3          500.       420.                    2.0        8.0       13.       0.070     0.006
21 05 78 1640               .3       23770   3         1200.        40.                   10.0        9.0        1.4      0.050     0.003
24 06 78 1630               .3       23784   9         8400.       400.                   19.0        6.0        1.6      0.018     0.006
29 07 78 1300               .3       23801   9 0         80.        80.                   18.0        5.0        2.5      0.022     0.003
26 08 78 1555               .3       23816   0         3200.       700.                   19.0        2.0        1.5      0.040     0.016
23 09 78 1620               .3       23831   6                                            14.0        5.0        0.5      0.085     0.030
28 10 78 1620               .3       23846   9        20000.       600.                    3.0        4.0        3.2      0.033     0.005
25 11 78 1600               .3       23861   4         1000.       600.                    0.0        3.0       50.0      0.044     0.013
26 12 78 1640               .3       23876   4         2600.      1240.                    0.0        2.0

                       MAXIMUM                        20000.      1240.                   19.0        9.0       50.0      0.085     0.030
          AVG OR GEOM MN (*)                           1692.*      337.*                   9.4        4.9        9.2      0.045     0.010
                       MINIMUM                           80.        40.                    0.0        2.0        0.5      0.018     0.003

                 NO OF SAMPLES                              8          8                     9          9          8          8         8

                                      19         20         21         22         17         18         23          5          6       107
SAMP DTE HOUR  STN  STN SAMP  PJ  FILTERED      TOTAL  FILTERED   FILTERED     INRGNC      TOTAL    TOTAL N      TOTAL      SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH      AMMONIA   KJELDAHL  NO2-N      NO3-N             N  ORGNC  N               SOLIDS     SOLIDS  D-SOLIDS
               FEET       MTRS        MG/L       MG/L  MG/L       MG/L           MG/L       MG/L       MG/L       MG/L       MG/L  MG/L

29 04 78 1550               .3       0.004      0.860      0.006      0.015      0.025      0.856      0.881      190.0       60.0       130
21 05 78 1640               .3       0.032      0.800      0.008      0.050      0.090      0.768      0.858       76.0       17.0        59
24 06 78 1630               .3       0.004      0.600      0.004      0.005      0.013      0.596      0.609       91.0        6.8        84
29 07 78 1300               .3       0.002L     0.640      0.005      0.005      0.012      0.638      0.650       88.0        2.6        85
26 08 78 1555               .3       0.092      0.690      0.004      0.005      0.101      0.598      0.699      108.0        5.6       101
23 09 78 1620               .3       0.028      0.650      0.016      0.015      0.059      0.622      0.681      170.0       74.0        96
28 10 78 1620               .3       0.002      0.760      0.007      0.040      0.049      0.758      0.807       89.0        7.0        82
25 11 78 1600               .3       0.002      0.740      0.006      0.055      0.063      0.738      0.801      118.0        4.0       114

                       MAXIMUM       0.092      0.860      0.016      0.055      0.101      0.856      0.881      190.0       74.0       130
          AVG OR GEOM MN (*)         0.021D     0.718      0.007      0.024      0.052      0.697      0.748      116.3       22.1        94
                       MINIMUM       0.002      0.600      0.004      0.005      0.012      0.596      0.609       76.0        2.6        59

                 NO OF SAMPLES           8          8          8          8          8          8          8          8          8         8
```

(C O N T D)

```
                                         14       16        56       59      280       95       52        55      208       25
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.    TURB.  CHLORIDE SULPHATE REACTIVE  ACIDITY  TOT ALK        PH    TOTAL  PHENOLS
DY MO YR LMT   DIST BRG DEPTH           25C FORMAZIN      MG/L          SILICATE   PH 8.3   AT LAB    AT LAB     IRON
               FEET        MTRS       UMHOS    UNITS                MG/L SI MG/L     MG/L     MG/L                MG/L     UG/L

29 04 78 1550                .3         200     24.0       3.6     15.0     2.50      8.9       84      6.92    1.76       3.
21 05 78 1640                .3          92     4.60       1.2      9.5     1.50      3.9       38      7.60    0.190     2.0
24 06 78 1630                .3         129     3.50       1.4     13.0     1.60     11.5       52      7.04    0.440     2.0
29 07 78 1300                .3         130     3.40       1.5     11.0     1.80     10.4       57      6.98    0.320     1.0
26 08 78 1555                .3         160     3.00       1.6     13.5     1.95     16.1       66      6.99    0.270     3.0
23 09 78 1620                .3         148     5.8        1.0      8.0     2.25      1.6       79      7.85    3.600     1.0L
28 10 78 1620                .3         126     3.10       2.1     13.0     2.05      4.7       53      7.02    2.000     2.0
25 11 78 1600                .3         175     3.70       3.4     20.0     2.85      4.5       71      6.94    2.300

                        MAXIMUM         200     24.0       3.6     20.0     2.85     16.1       84      7.85    3.600      3.
              AVG OR GEOM MN (*)        145     6.39       2.0     12.9     2.06      7.7       63      7.17    1.360     2.0D
                        MINIMUM          92     3.00       1.0      8.0     1.50      1.6       38      6.92    0.190     1.0

                  NO OF SAMPLES           8        8         8        8        8        8        8         8       8        7

                                         76       72        74       68       67       66       41       201
SAMP DTE HOUR  STN  STN SAMP  PJ     CALCUL    TOTAL  TOT. MAG   COLOUR  PTSSIUM   SODIUM      COD     TOTAL
DY MO YR LMT   DIST BRG DEPTH      HARDNESS  CALCIUM    NESIUM    HAZEN        K       NA                 MN
               FEET        MTRS        MG/L     MG/L      MG/L    UNITS     MG/L     MG/L     MG/L      MG/L

29 04 78 1550                .3        101.     29.        7.0        4      1.4      3.3      140     0.096
21 05 78 1640                .3        47.0    13.40      3.35      128     0.75     1.70       44     0.280
24 06 78 1630                .3        69.0    19.00      4.90      134     0.90     1.50       80     0.056
29 07 78 1300                .3        71.0    20.00      5.15      152     0.70     1.40       89     0.048
26 08 78 1555                .3        78.0    22.00      5.50      153     0.85     1.60       80     0.062
23 09 78 1620                .3        81.0    24.00      5.00      145     1.80     1.50       47     0.116
28 10 78 1620                .3        67.0    19.00      4.85      127     0.65     2.00      113     0.044
25 11 78 1600                .3       104.0    30.00      7.00      140     1.00     2.40      170     0.068
26 12 78 1640                .3                                                      2.40      170     0.068

                        MAXIMUM       104.0    30.00       7.0      153     1.80      3.3      170     0.280
              AVG OR GEOM MN (*)       77.3    22.05      5.34      123     1.01     1.98      104     0.093
                        MINIMUM        47.0    13.40      3.35        4     0.65     1.40       44     0.044

                  NO OF SAMPLES           8        8         8        8        8        9        9         9


 B.O.W./ SITE: MATTAWISHKWIA RIVER                                                    STATION ID:  19-0064-025-02
 SAMPLE POINT: ON ROAD BETWEEN LOTS 6&7 UPSTREAM FROM HEARST
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE ONTARIO               STORET CODE: 04
                                                        MINOR BASIN: JAMES BAY SHORE                                    001
                                                        TERM STREAM: MOOSE RIVER                                        0230

STN NO:     25    LAT:             LONG:               U T M: 17 0293400.0 5506600.0 4    REGION: 05          MILEAGE:  219.50

                                        934      901        80       81       84      805        3         1       33       34
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD     TOTAL    FECAL     M.F.    WATER    DISS.     5-DAY    TOTAL FILTERED
DY MO YR LMT   DIST BRG DEPTH            NO           COLIFORM COLIFORM   ENTER.    TEMP.       02       BOD        P REACTIVE
               FEET        MTRS                       MF/100ML MF/100ML MF/100ML    DEG C     MG/L      MG/L     MG/L   P MG/L

29 04 78 1315                .3       23751   3         140.      12.                 1.0      5.0       1.4    0.044    0.009
21 05 78 1350                .3       23766   3         200.      40.                 7.0     10.0       0.8    0.020    0.004
24 06 78 1300                .3       23795   6         200.  L   40.                16.0      7.0       0.8    0.010    0.003
29 07 78 0855                .3       23797   8 0       200.      40.  L             16.0      6.0       0.5    0.020    0.004



26 08 78 1230                .3       23812   8         200.  L   40.                19.0      6.0       0.4    0.015    0.010
23 09 78 1340                .3       23827   6                                      13.0      9.0       0.2    0.014    0.005
28 10 78 1345                .3       23842   6         200.  L   40.  L              3.0     10.0       0.6    0.014    0.009
25 11 78 1315                .3       23857   4         200.  L   40.  L              0.0      8.0       0.8    0.014    0.006
26 12 78 1350                .3       23872   4         200.  L   40.  L              0.0      3.0

                        MAXIMUM                         200.      40.                19.0     10.0       1.4    0.044    0.010
              AVG OR GEOM MN (*)                        191.* D   34.* D              8.3      7.1       0.7    0.019    0.006
                        MINIMUM                         140.      12.                 0.0      3.0       0.2    0.010    0.003

                  NO OF SAMPLES                            8        8                   9        9         8        8        8

                                         19       20        21       22       17       18       23         5        6      107
SAMP DTE HOUR  STN  STN SAMP  PJ   FILTERED    TOTAL  FILTERED FILTERED  INRGNC     TOTAL  TOTAL N     TOTAL    SUSP.  CALCUL
DY MO YR LMT   DIST BRG DEPTH       AMMONIA KJELDAHL  NO2-N    NO3-N          N  ORGNC  N            SOLIDS   SOLIDS D-SOLIDS
               FEET      · MTRS        MG/L     MG/L  MG/L     MG/L        MG/L      MG/L     MG/L      MG/L     MG/L MG/L

29 04 78 1315                .3       0.080    0.780     0.011    0.660    0.751    0.700    1.451     117.0      9.5      107
21 05 78 1350                .3       0.024    0.600     0.008    0.025    0.057    0.576    0.633      47.0      5.2       42
24 06 78 1300                .3       0.016    0.520     0.005    0.020    0.041    0.504    0.545      61.0      3.7       57
29 07 78 0855                .3       0.010    0.640     0.006    0.014    0.030    0.630    0.660      62.0      3.1       59
26 08 78 1230                .3       0.022    0.570     0.007    0.005    0.034    0.548    0.582      82.0      4.6       77
23 09 78 1340                .3       0.014    0.620     0.002    0.005L   0.021    0.606    0.627      90.0      3.7       86
28 10 78 1345                .3       0.036    0.670     0.006    0.210    0.252    0.634    0.886      55.0      2.0       53
25 11 78 1315                .3       0.005    0.640     0.005    0.075    0.085    0.635    0.720      76.0      4.0       72

                        MAXIMUM       0.080    0.780     0.011    0.660    0.751    0.700    1.451     117.0      9.5      107
              AVG OR GEOM MN (*)      0.026    0.630     0.006    0.127D   0.159    0.604    0.763      73.8      4.5       69
                        MINIMUM       0.005    0.520     0.002    0.005    0.021    0.504    0.545      47.0      2.0       42

                  NO OF SAMPLES           8        8         8        8        8        8        8         8        8        8

                                         14       16        56
SAMP DTE HOUR  STN  STN SAMP  PJ      COND.    TURB.  CHLORIDE
DY MO YR LMT   DIST BRG DEPTH           25C FORMAZIN      MG/L
               FEET        MTRS       UMHOS    UNITS

29 04 78 1315                .3         165     6.70       2.2
21 05 78 1350                .3          66     2.40       0.8
24 06 78 1300                .3          88     3.20       0.7
29 07 78 0855                .3          90     2.70       0.8
26 08 78 1230                .3         120     3.10       0.6
23 09 78 1340                .3         132     5.00       0.7
28 10 78 1345                .3          82     2.30       1.2
25 11 78 1315                .3         110     4.30       1.2

                        MAXIMUM         165     6.70       2.2
              AVG OR GEOM MN (*)        107     3.71       1.0
                        MINIMUM          66     2.30       0.6

                  NO OF SAMPLES           8        8         8
```

LEGISLATIVE LIBRARY OF ONTARIO
9693600020224